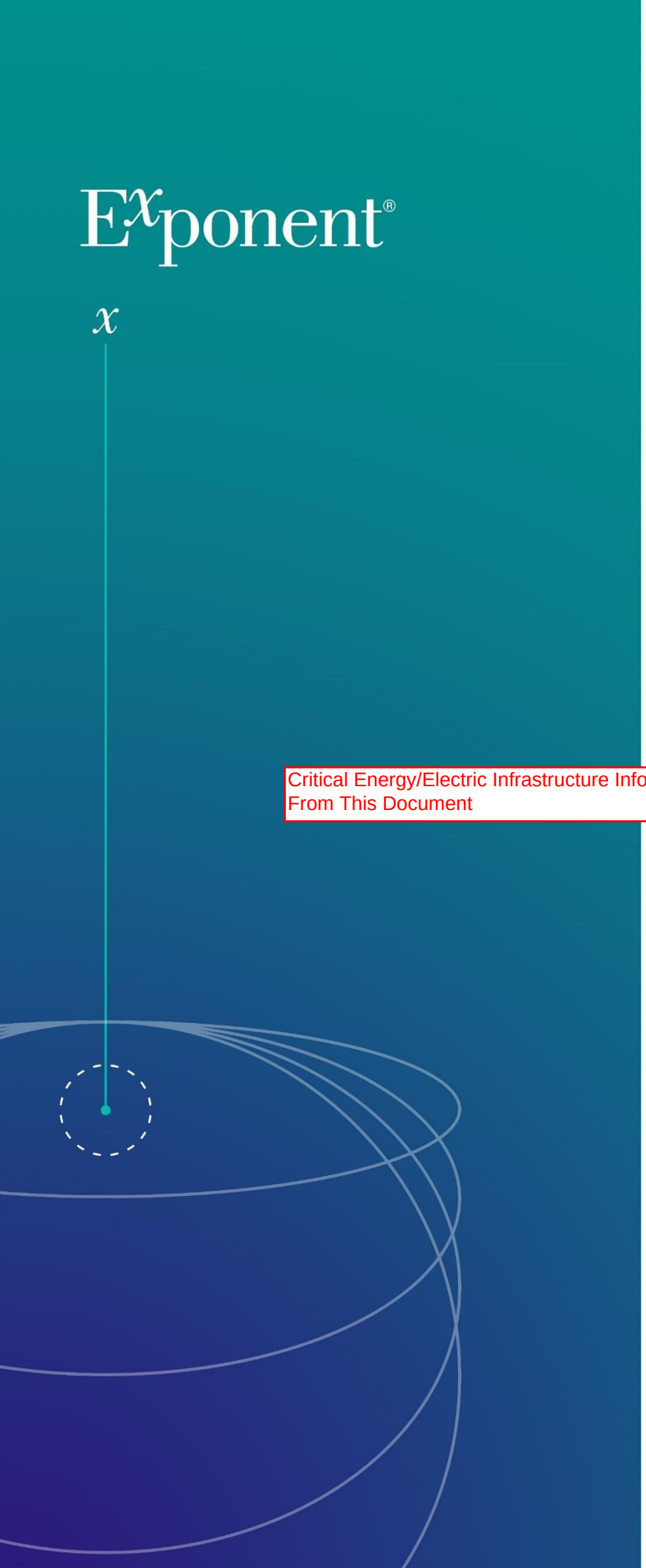

Exponent Engineering PC

Jennison Transmission Solution Project

Electric- and Magnetic-Field Modeling

Critical Energy/Electric Infrastructure Information (CEII) Has Been Redacted From This Document

Jennison Transmission Solution Project

Electric- and Magnetic-Field Modeling

Prepared for

Stephen Felker, PE
New York State Electric & Gas Corporation
18 Link Drive
Binghamton, NY 13904

Prepared by

Exponent Engineering P.C.
485 Lexington Avenue
Suite 2200
New York, NY 10017

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Contents

Acronyms and Abbreviations

A	Amperes
AC	Alternating current
AN	Audible noise
BPA	Bonneville Power Administration
dB	Decibels
dBA	Decibels on the A-weighted scale
dBµV/m	Decibels relative to 1 microvolt per meter
EMF	Electric and magnetic fields
EPA	U.S. Environmental Protection Agency
Exponent	Exponent Engineering P.C.
G	Gauss
Hz	Hertz
ICNIRP	International Commission on Non-Ionizing Radiation Protection
ICES	International Committee on Electromagnetic Safety
IEEE	Institute of Electrical and Electronics Engineers
kHz	Kilohertz
kV	Kilovolt
kV/m	Kilovolt per meter
L_{dn}	Day-night noise level
mG	Milligauss
MHz	Megahertz
NYPSC	New York Public Service Commission
NYSEG	New York State Electric & Gas Corporation
Project	Jennison Transmission Solution Project
rms	Root-mean-square
RN	Radio noise
ROW	Right-of-way
V/m	Volt per meter
WNC	Winter normal conductor

Notice

At the request of New York State Electric & Gas Corporation (NYSEG), a subsidiary of Avangrid Inc., Exponent Engineering P.C. (Exponent) modeled the levels of 60-Hz electric and magnetic fields, as well as audible noise and radio noise, associated with existing and proposed transmission lines in the rebuild of 115-kilovolt transmission lines designated as Line 946, Line 734, and Line 949 (the Project). The new Project transmission lines will be located in the Towns of Bainbridge, Guilford and Norwich, New York for new Lines 946 and 734; and the Towns of Bainbridge, Sidney, Franklin, and Hamden, New York for new Line 949.

This report summarizes work performed to date and presents the findings resulting from that work. In the analysis, Exponent relied on geometry, material data, usage conditions, specifications, and various other types of information provided by NYSEG. Exponent cannot verify the correctness of these input data and therefore rely on NYSEG for the data's accuracy. Although Exponent has exercised usual and customary care in the conduct of this analysis, the responsibility for the design and operation of the Project remains fully with NYSEG.

The findings presented herein are made to a reasonable degree of engineering and scientific certainty. Exponent reserves the right to supplement this report and to expand or modify opinions based on review of additional material as it becomes available, through any additional work, or review of additional work performed by others.

The scope of services performed during this investigation may not adequately address the needs of other users of this report beyond the Article VII permitting of the Project for which it was prepared, and any re-use of this report or its findings, conclusions, or recommendations presented herein is at the sole risk of the user. The opinions and comments formulated during this assessment are based on observations and information available at the time of the investigation. No guarantee or warranty as to future life or performance of any reviewed condition is expressed or implied.

Benjamin R.T. Cotts, Ph.D., P.E. (Licensed Electrical Engineer, New York, #103209), employed by Exponent, performed and reviewed calculations of the electric and magnetic fields, audible noise, and radio noise associated with the operation of the proposed Project.

Reviewed By:

Benjamin Cotts, Ph.D., P.E.

Executive Summary

As part of the Jennison Transmission Solution Project, New York State Electric & Gas Corporation (NYSEG) has proposed to rebuild 115-kilovolt (kV) transmission lines designated as Line 946, Line 734, and Line 949 (the Project). The new Lines 946 and 734 will be located in and between the Towns of Bainbridge, Guilford, and Norwich, New York, and extend approximately 21.4 miles between the existing East Norwich Substation and the proposed new Jennison Substation (Proposed Jennison Substation). The Project also includes rebuilding and reconductoring approximately 25.4 miles of Line 949, from the Proposed Jennison Substation to the Eastern Terminus of the Project, a point in the Town of Hamden (just before Structure 183), outside of the Fraser Substation in the Town of Delhi.

As part of the Article VII filing to be submitted by NYSEG, Exponent Engineering P.C. (Exponent) modeled the 60-Hertz alternating current electric and magnetic fields (EMF) from the existing and proposed transmission lines along six representative cross sections of the Project route, corresponding to Line 946; six representative cross sections of the Project route, corresponding to Line 949; and three representative cross sections combining the two transmission lines, near the Proposed Jennison Substation. Calculations were performed for operation of all transmission lines at a winter normal conductor (WNC) rating, consistent with the 1990 New York Public Service Commission (NYPSC) standard, and were calculated using computer algorithms developed by the Bonneville Power Administration, an agency of the U.S. Department of Energy.

Electric-field levels before and after the Project are very low due to a combination of the lower voltage (i.e., 115-kV) transmission lines as well as the relatively large distance of all lines to the edge of the right of way (ROW). As expected, the larger new conductor (with a higher WNC rating) combined with shifting transmission lines somewhat closer to the ROW edge than existing lines in some portions of the Project lead to somewhat increased magnetic-field levels in those portions of the route. In other portions of the route magnetic-field levels are calculated to generally decrease despite a larger conductor (with higher WNC rating) due to shifting the transmission lines somewhat further from the edge of the ROW. Importantly, however, both before and after the Project, EMF levels at the ROW edge were calculated to be far below the

levels specified in the NYPSC of 1.6 kilovolts per meter for electric fields and 200 milligauss for magnetic fields in all modeled portions of the Project as specified by the NYPSC (NYPSC, 1978, 1990).

The use of larger conductors for the rebuilt and reconductored transmission lines also results in reductions in both audible noise and radio noise along the Project route. Before and after the Project, audible noise levels during fair weather were calculated to be below the threshold for human hearing. Radio noise levels were calculated to generally reduce as a result of the Project, and everywhere along the Project route were calculated to be more than 500-fold below guideline levels.

Note that this Executive Summary does not contain all of Exponent's technical evaluations, analyses, conclusions, and recommendations. Hence, the main body of this report is always the controlling document.

Introduction

As part of the Jennison Transmission Solution, New York State Electric & Gas Corporation (NYSEG), a subsidiary of Avangrid Inc., has proposed to rebuild 115-kilovolt (kV) transmission lines designated as Lines 946, 734, and 949, and after rebuilding, to be designated as:

- Line 734: East Norwich Substation to North Pond Substation 115-kV Line Rebuild, formerly known as Line 946;
- Line 946: North Pond Substation to the Proposed Jennison Substation 115-kV Line Rebuild; and
- Line 949: Proposed Jennison Substation to the Eastern Terminus.

The rebuilt Lines 734 and 946 will be located in the Towns of Bainbridge, Guilford, and Norwich, New York, and extend approximately 21.4 miles between the existing East Norwich Substation and the Proposed Jennison Substation (the Project). From the Proposed Jennison Substation, Line 949 extends for 25.4 miles to the Eastern Terminus in the Town of Hamden, outside of the Fraser Substation in the Town of Delhi.

As part of the Article VII filing to be submitted by NYSEG, Exponent Engineering P.C. (Exponent) modeled the 60-Hertz (Hz) levels of electric and magnetic fields (EMF) as well as audible noise (AN), and radio noise (RN) associated with existing and proposed transmission lines along the Project route. This report summarizes the existing and proposed transmission line configurations as well as modeling methods and results. EMF, AN, and RN levels were calculated for 15 representative cross sections of the Project route as summarized below. Additional details regarding modeling inputs and a summary of results are provided in Appendix A. Graphical summaries of results are provided in Appendix B. Modeling inputs and outputs are provided in Appendices C and D, respectively, and an additional analysis of a residential building encroaching on the existing right of way (ROW) is provided in Appendix E.

Line 946 Route

The existing 115-kV Line 946 will be rebuilt in two primary portions, one portion of the new line will be designated Line 734, and the other will be designated Line 946. The Project will rebuild 6.7 miles of existing Line 946 from the East Norwich Substation to Structure 734/59 outside the North Pond Substation as Line 734, and 14.7 miles of existing Line 946 from Structure 946/1

outside the North Pond Substation to Structure 946/128 outside the Proposed Jennison Substation as Line 946, 21.4 miles in total. For further details, see Figure 1.

Line 949 Route

Similarly, Line 949 will be rebuilt from the Proposed Jennison Substation for a distance of 25.4 miles to the Eastern Terminus in the Town of Hamden, outside the Fraser Substation in the Town of Delhi. This Line 949 is built in parallel with the portion of existing Line 919 located in this area, which is not proposed to be altered at this time. The total length of this portion of the Project is 25.4 miles. For further details, see Figure 2.

Combined Line 946 / Line 949 Route

In three segments (with a total length of 0.4 miles) both Line 946 and Line 949 share the ROW and were modeled in three cross sections (XS-J-1 to XS-J-3). In two of these modeled cross sections (XS-J-1 and XS-J-3) there are two non-contiguous ROWs with approximately 100 and 175 feet between the two ROWs of XS-J-1 and XS-J-3, respectively. One of the two existing ROWs in configuration XS-J-3 is proposed to slightly expand to allow for Lines 946 and 949 to be constructed with at least 50 feet of ROW to the respective centerline of the lines, so that the space between the ROWs in XS-J-3 contracts from 225 feet to 175 feet. The existing ROW in XS-J-1 is contiguous, but a small portion of the ROW is proposed to be relinquished as part of the Project due to the presence of a residential structure.

Rebuilt Transmission Line Configurations

Existing and Proposed Structure Types and Conductors

Existing Lines 946 and 949 are constructed primarily on H-frame and vertical lattice structures as shown in the top row of Figure 3. These existing structures will be replaced primarily with monopole delta structures as shown in the bottom row of the same figure. Additionally, all existing transmission line conductors will be changed from 4/0 copper, with a diameter of 0.57 inches and WNC rating of [redacted] to 1,192.5 kcmil Bunting, with a diameter of 1.302 inches and WNC rating of [redacted]

Project Segments and Modeling Cross Sections

Based upon structure configuration, parallel transmission lines, ROW width, and centerline–centerline distances between adjacent transmission lines, NYSEG divided the Project into 37 segments. This includes 20 segments between the East Norwich Substation and the existing Jennison Substation (i.e., Line 946 and Line 734 segments); 8 segments between the existing Jennison Substation and the Eastern Terminus; and 9 segments where the two lines meet across the Susquehanna River to connect to the Proposed Jennison Substation. Since many of these 37 segments are identical or substantially similar to one another, Exponent combined multiple segments into 15 modeling cross sections that conservatively overestimate the EMF levels from all relevant 37 segments.[1] There were several single-span segments that were far from the nearest buildings and for which the assumptions inherent in these two-dimensional modeling methods do not hold; therefore these were excluded from modeling.

The Line 946 portion of the Project (including Line 734) was evaluated in six modeling cross sections (XS-946-1 to XS-946-6), with locations shown in Figure 1. The Line 949 portion of the Project was evaluated in six modeling cross sections (XS-949-1 to XS-949-6), with locations shown in Figure 2. Additionally, in the portion of the route between the Susquehanna River and the Proposed Jennison Substation, both transmission lines are modeled in three modeling cross sections (XS-J-1 to XS-J-3) as shown by the inset portions in Figure 1 and Figure 2.[2] Details about the 15 modeling cross sections and which of the 37 separate segments are covered by each of the cross sections are described in Appendix A, Table A-1. EMF, AN, and RN levels were calculated for each of these 15 cross sections (*see* Appendices A and B).

Encroaching Buildings

Between the Susquehanna River and the Proposed Jennison Substation, there are several buildings, including one residence encroaching on the ROW of XS-J-1. At the request of NYSEG, Exponent evaluated the EMF levels at the edges of the buildings nearest to the respective transmission lines. Additionally, as a result of this encroaching building, NYSEG

[1] In some sections of the route, one or more existing low-voltage lines (34.5 kV or lower) are underbuilt beneath, or built parallel to, the existing and proposed transmission lines. These low-voltage lines are not included in the modeling of the Article VII transmission lines, which includes only lines operating at 100 kV or higher. In other sections of the route, like XS-946-2, XS-946-3, and XS-946-5, there is no existing line.

[2] Note that modeling cross section XS-946-6 (with a view facing south) is the same as XS-949-1 (with a view facing north).

proposes to relinquish some ROW near the center of the ROW at this location. *See* Appendix E for additional details.

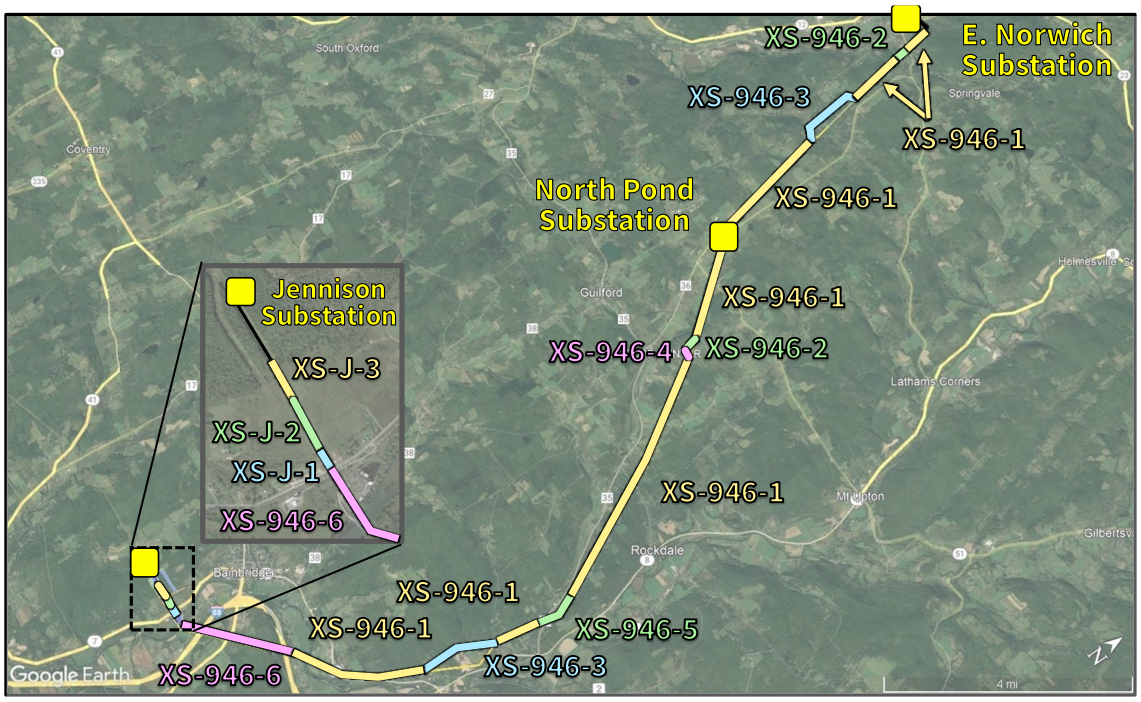

Figure 1. Proposed Project route from the East Norwich Substation to the Proposed Jennison Substation showing the locations of six modeled cross-sections of Line946. All cross sections are shown with a view from East Norwich toward the Proposed Jennison Substation (generally looking south).

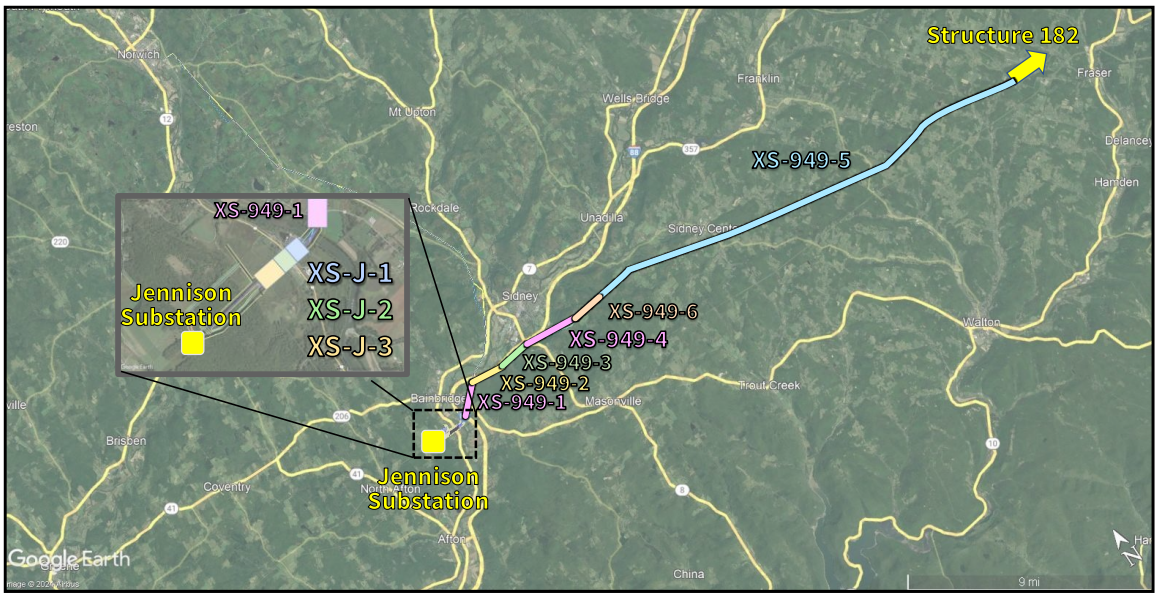

Figure 2. Proposed Project route from Proposed Jennison Substation to the Eastern Terminus showing the locations of six modeled cross sections of Line 949. All cross sections are shown with a view from Proposed Jennison Substation toward Structure 182 (generally looking east).

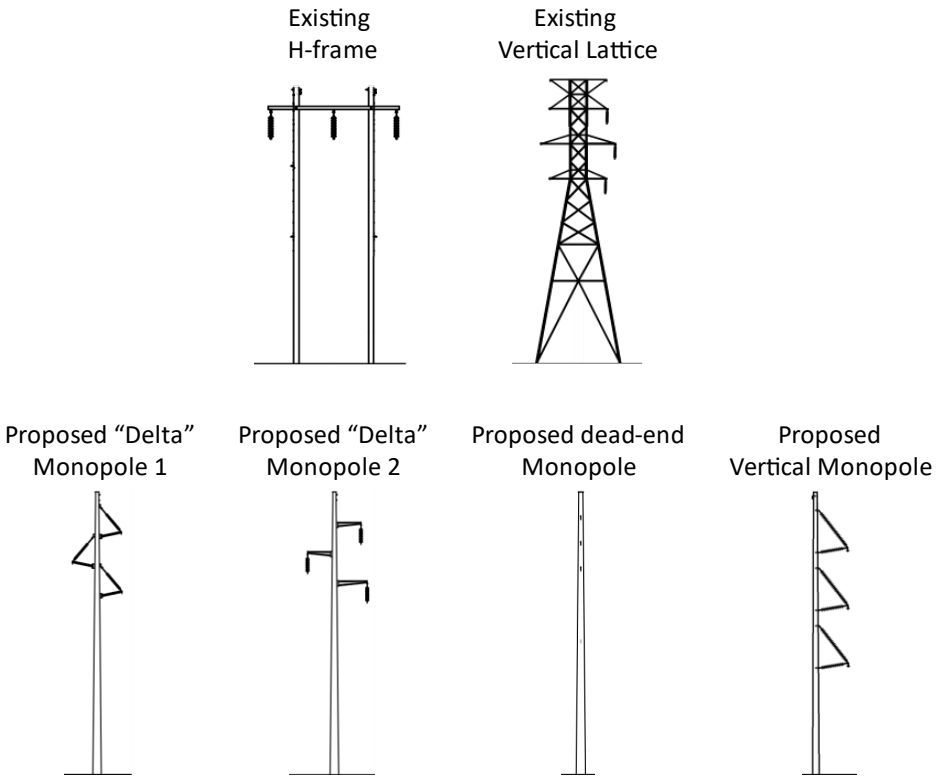

Figure 3. Existing structure types (top row) and proposed structure types (bottom row).

Transmission Line Electrical Environment

As with all alternating current (AC) transmission lines, the existing and rebuilt transmission lines will be sources of 60-Hz EMF as well as AN and RN, some characteristics of which are described below.

Any source of electricity, such as transmission lines, distribution lines, household appliances, and equipment in our homes and workplaces, produces EMF. Most electricity in North America is transmitted at a frequency of 60 Hz (i.e., it changes direction and magnitude in a continuous cycle that repeats 60 times per second). The fields from these AC sources are commonly referred to as power-frequency or extremely low frequency EMF.

Electric Fields

As noted above, any device that carries or uses electricity (including transmission and distribution lines) also produces an electric field. Electric fields are typically expressed in units of volts per meter (V/m) or kilovolts per meter (kV/m), where 1 kV/m is equal to 1,000 V/m. Since electric fields are produced by voltage, the higher the voltage, the higher the electric-field level. Electric fields are effectively blocked or weakened by grounded conductive objects, such as fences, shrubbery, and buildings. The strength of electric-fields also diminishes rapidly with increasing distance from the source. In the case of transmission lines, these levels typically decrease in proportion to the square of the distance from the source.

Since the voltage on transmission and distribution lines is relatively constant, measurements or calculations of electric fields will not significantly vary over time.

Magnetic Fields

A magnetic field is produced by the flow of electric current and is typically expressed in units of Gauss (G) or milligauss (mG), where 1 G is equal to 1,000 mG. Since magnetic fields are produced by the flow of current, the higher the current, the higher the magnetic-field level. Unlike electric fields that are effectively blocked by most grounded conductive objects, magnetic fields will pass through most common materials. Finally, as with electric fields, magnetic-field levels generally diminish with increasing distance from the source and magnetic-field levels

from transmission lines typically decrease in proportion to the square of the distance from the source.

Since the current flow (i.e., load) transmitted over electrical power infrastructure will vary depending on the demand for power on the bulk transmission system, which can change from season to season, day to day, and even hourly, magnetic-field levels produced also will vary. In order to not underestimate magnetic-field levels in this report all calculations were performed using winter normal conductor (WNC) rating (i.e., the maximum electrical current a transmission line conductor can continuously carry before it begins to damage itself due to overheating), which yields the maximum possible magnetic field for that transmission line.

Audible Noise

AN from transmission lines is produced through a process called corona. Corona occurs when the electric field at a localized portion of the conductor's surface exceeds the breakdown strength of air, releasing a small amount of energy in the form of light, vibration, AN, and RN (discussed below). Corona can occur where there are protrusions on the transmission line conductor from sources such as insect activity, dirt, or bird droppings. Most often, however, corona occurs when water droplets form on conductors during periods of foul weather (i.e., rain, snow, and sleet). AN sound levels are reported in units of decibels on the A-weighted scale (dBA), and AN from transmission lines is often characterized as a hissing or crackling sound within a few hundred feet of transmission lines, typically those with voltages above 230 kV. Transmission lines with lower voltages are not typically significant sources of AN. In addition to voltage, the design parameter most important for determining the AN level from a transmission line is the diameter (and number) of the phase conductors, with larger conductors—such as those proposed as part of the Project—resulting in lower AN levels than smaller conductors. While AN is strongest directly below transmission line conductors, levels decrease with distance. Table 1 lists some commonly encountered acoustic sources and associated AN levels that can be compared to the AN levels expected from this Project.

Table 1. Commonly encountered acoustic sources and audible noise levels

L_{eq}, dBA	Qualitative scale
140	Threshold of pain
120	Jet take-off at 200 feet
110	Car horn at 3 feet
100	Shouting into an ear
90	Heavy truck at 50 feet
80	Pneumatic drill at 50 feet
70	Highway traffic at 50 feet
60	Room air conditioner at 20 ft
50	Normal conversation at 10 feet
40	Wind at 11 mi per hour
30	Soft whisper at 10 feet
0	Threshold of hearing

Source: Norton and Karczub (2003).

Radio Noise

RN occurs due to the same corona phenomena discussed above in relation to AN, and is reported in units of decibels relative to 1 microvolt per meter (dBµV/m) and occurs over a range of frequencies (IEEE, 1971, 2017). RN may interfere with transmissions at a lower frequency, such as AM radios that operate in the range of 520 to 1,720 kilohertz, while devices that receive signals at higher frequencies, such as FM radios that operate in the range of 88 to 108 Megahertz (MHz), are not affected by RN. Other devices such as digital televisions and mobile phones are not affected by RN because also they operate at frequencies much higher than the frequencies produced by RN.

Assessment Criteria

Electric and Magnetic Fields

In the United States, there are no federal regulations or guidelines for EMF produced by transmission lines. However, the state of New York has established interim limits for AC transmission lines under Article VII for lines operating at 100 kV or above. The New York Public Service Commission (NYPSC) established these interim limits on EMF levels and are to be evaluated at a height of 1 meter (3.28 feet) above ground at the edge of the transmission line ROW (NYPSC, 1978, 1990). The magnetic-field limit is 200 mG and the electric-field limit is 1.6 kV/m. The NYPSC established these limits to ensure that field levels "at the edges of future major electric transmission facility rights-of-way will be no stronger than the fields typical of the many existing 345 kV circuits operating throughout the State" (NYPSC, 1990, p. 1) (i.e., to maintain the *status quo*).

Audible and Radio Noise

AN levels for transmission line projects often are compared to federal guidance from the U.S. Environmental Protection Agency (EPA), and RN levels can be compared to guidelines established by organizations such as the Institute of Electrical and Electronics Engineers (IEEE). EPA developed an annual average day-night noise level (L_{dn}) in outdoor areas of 55 dBA, which includes a 10 decibel (dB) penalty for nighttime noise from 10 p.m. to 7:00 a.m. (U.S. EPA, 1974). EPA defines outdoor areas as residential areas, farms, outdoor locations where people spend time, as well as locations where quiet is a basis for use (U.S. EPA, 1974).[3]

Guidelines established for RN are outlined in IEEE's *Radio Noise Guide*, used by engineers when evaluating RN levels from transmission lines (IEEE, 1971). It identifies an acceptable level of RN in fair weather of 61 dBµV/m when measured 50 feet from a transmission line's outside conductor.[4]

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[3] Local jurisdictions often enact local noise standards that may differ from EPA guidelines.

[4] The 1 MHz measurement frequency in IEEE (1971) was changed to 500 kHz by the *IEEE Standard Procedures for the Measurement of Radio Noise from Overhead Power Lines and Substations* in the 1986 version (i.e., Std. 430-1986; currently Std. 430-2017). The guideline has therefore been adjusted for frequency (calculations performed at 500 kHz) and receiver (-2 dB for 9 kHz bandwidth receiver) to update the guideline to present methods of measurement and calculation (500 kHz with CISPR receiver).

Modeling Data and Calculation Methods

Modeling Data

Transmission line data necessary to model calculated EMF levels in accordance with NYPSC standards include the number of conductors, the horizontal position of the conductors in relation to one another, and the height of the conductors above ground, as well as the voltage of the conductors, their phase arrangement, and the WNC-rated current. A summary of these data for all modeled cross sections is provided in Appendix C.

Calculation Methods

Exponent used the data provided by NYSEG—voltage, current flow, phasing, and conductor configurations—to calculate EMF levels for the Project. Calculations were performed using algorithms developed by the Bonneville Power Administration (BPA), an agency of the U.S. Department of Energy, for modeling AC transmission lines (BPA, 1991). BPA's algorithms utilize simplifying assumptions about the conductors to yield conservative results. Chartier and Dickson (1990) and Perrin et al. (1991) have shown that BPA's algorithms accurately predict EMF levels from AC transmission lines. EMF calculations are performed along a transect perpendicular to the transmission line's centerline and reported at a height of 1 meter (3.28 feet) above ground. This is consistent with IEEE standard 644-2019 (IEEE, 2019), and NYPSC policy (NYPSC, 1978, 1990). Magnetic-field values are reported as root-mean-square (rms) flux density in mG and were calculated as the magnitude of the field along the major axis of the ellipse. Electric-field values also are reported as rms in units of kV/m, but they were calculated as the square root of the sum of the squares of three orthogonal components.

Exponent also calculated AN and RN using BPA algorithms; these algorithms were developed by BPA using empirical formulae to calculate corona phenomena (Chartier and Stearns, 1981; Chartier, 1983). When compared to measurements throughout the country discussed in IEEE (1982), these formulae were shown to accurately replicate measured results. The BPA algorithms call for AN to be calculated at a height that corresponds approximately to ear level—5 feet above ground. For RN, calculations are performed for an antenna receiver height of

1 meter (3.28 feet) above ground, and in accordance with IEEE Std. 430-2017, at a frequency of 500 kHz.

BPA's simplifying assumptions include:

- All conductors are assumed to be parallel to one another and of infinite length;
- The conductors are located at a fixed height above an infinite flat terrain; and,
- Conductors are located at the point of lowest clearance above ground.

In actual field conditions, the height of the conductors above ground depends on the sag of the conductors between structures and on the variation of the terrain below, so height will vary at different locations along the transmission line. But since the conductors will be higher above ground than the assumed lowest clearance height used in calculations, the calculated EMF levels will be conservatively overestimated.

Phase Optimization

Where more than one transmission line is located in relatively close proximity to another, the specific phasing of conductors for each transmission line circuit will influence EMF levels. At the request of NYSEG, Exponent performed a phase optimization analysis to determine which of all possible phase permutations for rebuilt Lines 946, 734, and 949 would minimize the highest calculated magnetic-field levels at either edge of the ROW including the potential additive effects of all other parallel existing transmission lines (e.g., Line 919). NYSEG used the results of this analysis in conjunction with engineering constraints to select the phasing of Lines 946, 734, and 949 for the Project as BAC top-to-bottom.[5] Phase optimization is one of the low-cost measures to reduce EMF levels, consistent with recommendations of the World Health Organization (WHO, 2007).

[5] Regardless of the phasing selected for Lines 946, 734, and 949, the calculated EMF levels at the ROW edge would not exceed 1.6 kV/m or 200 mG at the edge of the ROW in any modeled cross sections along the proposed route of the Project.

Modeling Results

The calculated existing and proposed EMF levels including all existing and proposed transmission lines are discussed below for the various sections of the Project route in Appendix A. Appendix A, Table A-1, summarizes the modeling cross section configurations and describes which segments are evaluated in each modeling cross section. Appendix A, Table A-2 through Table A-5, summarize the calculated EMF levels at the edges of the ROW. Appendix A, Table A-6 and Table A-7, summarize the calculated AN levels at the edge of the ROW, and Table A-8 and Table A-9 summarize the calculated RN levels at a distance of 50 feet from the nearest transmission line conductor. Appendix B includes graphic profiles of the calculated electric-field levels (Figure B-1 through Figure B-15) and magnetic-field levels (Figure B-16 through Figure B-30).[6] Appendix C summarizes the transmission line modeling input data provided by NYSEG used to model EMF levels for the Project. Tables detailing the calculated post-construction EMF levels at 1-foot increments across each cross section to ±500 feet from the ROW centerline are provided in Appendix D.

Electric Fields

Before and after the Project, electric-field levels at the ROW edge were calculated to be below 1.6 kV/m in all modeled cross sections. Although the rebuilt transmission lines are closer than the respective existing transmission line to the ROW edge in some portions of the Project, electric-field levels at the ROW edge before and after the Project remain very low. These very low electric-field levels are due to a combination of the lower voltage (i.e., 115-kV) transmission lines as well as relatively large distance from all lines to the ROW edge.

From the East Norwich Substation to the Jennison Substation the existing ROW-edge electric-field levels are 0.4 kV/m or less in all nine modeled cross-sections of the proposed route to

[6] As described in greater detail below, existing AN levels are already low enough to be near to or below the limit of human hearing (0 dBA) and are calculated to generally decrease as a result of the Project because of the use of a larger conductor. Existing RN levels are similarly low and are calculated to generally decrease as a result of the Project. Therefore, no figures are provided in Appendix B for either AN or RN calculations.

Jennison Substation (i.e., XS-946-1 to XS-946-6 and XS-J-1 to XS-J-3) and were calculated to stay the same or not change by more than 0.3 kV/m after construction of the Project.

Similarly, along the proposed route of the Project from the Proposed Jennison Substation to the Eastern Terminus (i.e., XS-949-1 to XS-949-6), post-construction electric-field levels at the ROW edge were calculated to be 0.5 kV/m or less in all modeled cross sections. The existing ROW-edge electric-field levels are 0.5 kV/m or less in all modeled cross sections and were calculated not to change by more than 0.1 kV/m as a result of the Project. After the Project, the highest ROW-edge electric-field level was calculated to be the same (0.5 kV/m) as before the Project.

Magnetic Fields

Before and after the Project, magnetic-field levels at the ROW edge were calculated to be well below 200 mG in all modeled portions of the Project. As expected, the combination of larger conductors (with higher WNC rating) combined with shifting transmission lines somewhat closer to the ROW edge than existing lines in some portions of the Project lead to somewhat increased magnetic-field levels in those portions of the route (e.g., XS-946-1 to XS-946-5, XS-J-1, and XS-J-3). In particular, as described in Appendix A, Table A-4, the magnetic-field levels at the ROW edge for cross sections XS-946-1 to XS-946-6 and XS-949-6 were calculated to increase by up to 64 mG in the proposed configuration, with the maximum increase due to the introduction of lines onto a new ROW (i.e., XS-946-2, XS-946-3, and XS-946-5). The maximum magnetic-field level on the Line 946 portion of the proposed route is 72 mG. The increase in ROW-edge magnetic-field levels generally results from the shift in the centerline of Line 946 or Line 734 to be slightly closer to the ROW edge to enable efficient construction and minimize line outages.

Along the proposed route of the Project from the Proposed Jennison Substation to the Eastern Terminus, magnetic-field levels at the ROW edge after rebuilding and reconductoring Line 949 were similarly calculated to be far below 200 mG in all modeled cross sections. In this portion of the Project, magnetic-field levels were calculated to generally decrease despite a larger conductor (with higher WNC rating) due to shifting the transmission lines somewhat further from the ROW edge compared to the existing configurations. Magnetic-field levels were

calculated to increase (from 5.1 to 15 mG) on the north side of XS-949-1 and the north side of XS-949-6 (from 22 to 39 mG), but in all other locations along the Line 949 route (on both sides of the ROW), magnetic-field levels were calculated to decrease by between 1 and 20 mG as a result of the Project. The highest existing ROW-edge magnetic-field levels in this portion of the route at WNC loading are 66 mG or less and are calculated to be 54 mG or less at WNC loading after construction of the Project.

Magnetic-field levels are generally calculated to decrease compared to existing configurations because of (i) the 30-foot offset of Line 949 towards the center of the ROW (*see* Appendix B); (ii) the construction of Line 949 on delta structures as opposed to existing H-frame structures; (iii) the larger conductor clearance (25 feet versus 22 feet) than the existing Line 949; and (iv) the optimized phase orientation (B-A-C, top to bottom) for Line 949.

In the joint sections of the route that include Lines 946 and 949 west of the Susquehanna River, the magnetic-field level is expected to generally decrease at the ROW edges, except for XS-J-3, where at most, it will increase from 20 mG to 59 mG. These ROW edges are complex due to the modifications of the ROW edges. For further information, see Attachment A, Table A-3, and Attachment B, Figures B-9 and B-24.

Audible and Radio Noise

The larger conductor proposed for the Project will result in lower AN and RN levels for all portions of the route where there are existing transmission lines. In particular, AN in fair weather conditions after the Project were calculated to be below the threshold of human hearing (0 dBA) at the ROW edge in a major portion of the Line 946 route (see Table A-6 and Table A-7). In foul weather AN levels will be 25 dB higher; however the wind and rain that typically occurs during foul weather are themselves likely to generate AN levels at 41–63 dBA (Miller, 1978) that far exceed the calculated levels of AN from the transmission line, and which will likely mask the noise from the transmission lines during these conditions. For other portions of Line 946, Line 949, and XS-J1-3, the highest calculated AN in the existing route is 15 dBA, and will remain 15 dBA or lower after the Project.

RN levels at locations with existing lines (i.e., XS-946-1, XS-946-4, XS-949-1 to XS-949-6, and XS-J-1 to XS-J-3) were similarly calculated to either decrease at a distance of 50 feet from the outside conductor or remain the same as existing levels at a maximum of 36 dBµV/m (*see* Appendix A, Table A-8 and Table A-9), much lower than the 61 dBµV/m fair-weather IEEE guideline level (IEEE, 1971). In foul weather, RN levels would be approximately 17 dB higher, but still below the referenced fair-weather guideline level.

Conclusion

This report summarizes calculations of 60-Hz EMF as well as AN and RN levels associated with the operation of existing and rebuilt transmission lines on the Project route. These calculations were performed using methods accepted within the scientific and engineering community and that have been found to match well with measured values.

Electric-field levels before and after the Project are very low due to a combination of the lower voltage (i.e., 115-kV) transmission lines as well as relatively large distance from all lines to the ROW edge. As expected, the larger conductor (with higher WNC rating) combined with shifting transmission lines somewhat closer to the ROW edge than existing lines in some portions of the Project (e.g., XS-946-1 to XS-946-6, and XS-J-1 to XS-J-3) lead to somewhat increased magnetic-field levels in those portions of the route. In other portions of the route (e.g., XS-949-2 to XS-949-6) magnetic-field levels were calculated to generally decrease despite a larger conductor (with higher WNC rating) due to shifting the transmission lines somewhat further from the ROW edge.

Before and after the Project, EMF levels at the ROW edge were calculated to be below 1.6 kV/m for electric fields and 200 mG for magnetic fields in all modeled portions of the Project, below interim levels set by the NYPSC. Furthermore, AN and RN are expected to generally decrease as a result of the Project and remain low and far below guideline levels.

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Appendix A

Cross Sections and Calculated EMF, AN, and RN Levels

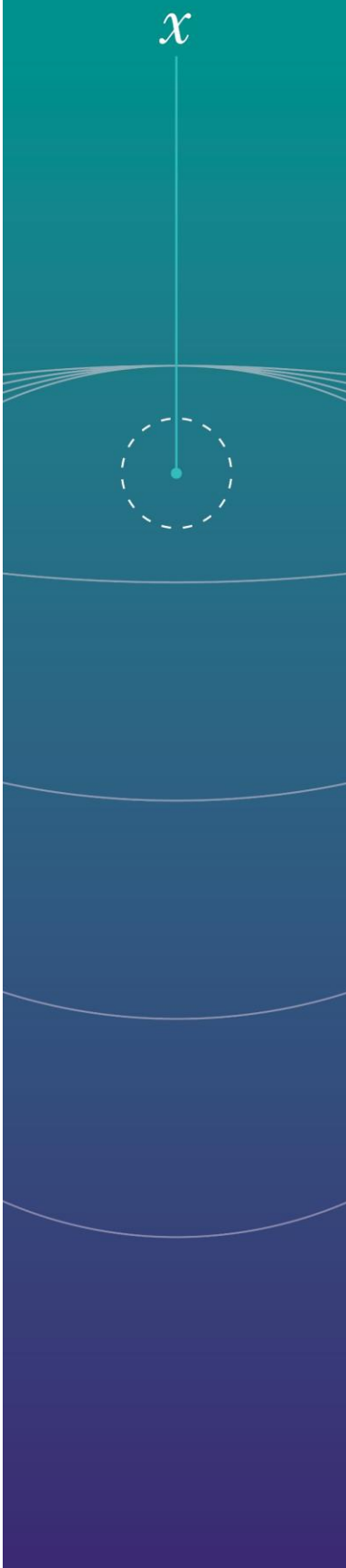


Table A-1. Description of modeling cross sections that applies to each segment of the proposed route

Cross Section	Segment*	Portion of Route	Total Segment Length (miles)	Circuits
XS-946-1	2, 3, 5, 7, 8, 11, 13, 15, 16, 17	Line 734 Structures #2 to #6 Line 734 Structures #6 to #11 Line 734 Structures #14 to #32 Line 734 Structures #38 to the North Pond Substation Line 946 the North Pond Substation to Structure #17 Line 946 Structures #20 to #59 Line 946 Structures #64 to #70 Line 946 Structures #81 to #101 Line 946 Structures #101 to #102 Line 946 Structures #102 to #104	15.4	946 (existing and proposed) 734 (proposed)
XS-946-2	4,9	Line 734 Structures #11 to #14 Line 946 Structures #17 to #19	0.4	None (existing) 946 (proposed) 734 (proposed)
XS-946-3	6, 14	Line 734 Structures #32 to #38 Line 946 Structures #70 to #81	2.0	None (existing) 946 (proposed) 734 (proposed)
XS-946-4†	12	Line 946 Structures #59 to #64	0.8	946 (Existing and proposed)
XS-946-5	10	Line 946 Structures #19 to #20	0.1	None (existing) 946 (proposed)
XS-946-6	18, 19, 20	Line 946 Structures #104 to #114 Line 946 Structures #114 to #117 Line 946 Structures #117 to #118	1.6	949, 919, 946
n/a	1	Line 734 East Norwich Substation to Structure #2	0.1	946 (existing) 734 (proposed) 918 (existing and proposed) Not modeled.
XS-J-1	31	Line 949 Structure 1-12 to 1-11 Line 946 Structures 120 to 121	0.1	943, 954 (Existing) 949, 946 (Proposed) 919 (Existing and proposed)
XS-J-2	32	Line 949 Structures 1-10 to 1-7 Line 946 Structures 122 to 124	0.1	949, 946, 919
XS-J-3	33, 34	Line 949 Structures 1-6 to 1-4; Structures 1-4 to 1-3 Line 946 Structures 124 to 126; Structures 126 to 127	0.3	919, 949 (Existing and proposed), 954, 946 (Proposed)
XS-949-1	23	Structure 3 to Structure 12	1.2	946, 949, 919
XS-949-2	24	Line 949 Structures 12 to 20	1.0	949, 919

Cross Section	Segment*	Portion of Route	Total Segment Length (miles)	Circuits
XS-949-3	25	Line 949 Structures 20 to 33	1.6	949, 919
XS-949-4	26	Line 949 Structures 33 to 48	1.7	949, 919
XS-949-5	28	Line 949 Structures 51 to Eastern Terminus	18	949, 919
XS-949-6	27	Line 949 Structures 48 to 51	0.5	949, 919

* Segment 734-1 is a short transition section immediately outside the East Norwich Substation in which the conductors of the transmission lines are not all parallel to one another (because of divergent paths of the various lines) and, therefore, cannot be accurately modeled in the two-dimensional simulations typically used for Article VII evaluations.

† In Segment 946-4 a new vertical monopole structure is proposed to carry Line 946. In different portions of Segment 946-4 this structure is proposed to be shifted 30 feet to the north or south of the centerline of the existing H-frame structure (i.e., +30 feet or –30 feet, respectively). In either case the brace-post arms of the structure will point toward the center of the ROW. Modeling results of cross section XS-946-4 show only the configuration where the structure centerline is at –30 feet and the structure arms are toward the center. Since the ROW width is symmetric, the results for the configuration where the new monopole structure is offset +30 feet from the existing centerline would be the same but mirrored so that values reported at (–) distances from the center of the ROW would be applicable to (+) distances, and vice versa.

Table A-2. Electric-field levels (kV/m)* at 1 meter (3.28 feet) above ground compared to the NYPSC level of 1.6 kV/m at the ROW edge

Cross Section	Configuration	(–) ROW Edge	(+) ROW Edge
XS-946-1	Existing	0.3	0.3
	Proposed	0.1	0.2
XS-946-2	Existing	--†	--†
	Proposed	<0.1	<0.1
XS-946-3	Existing	--†	--†
	Proposed	0.3	0.2
XS-946-4	Existing	0.3	0.3
	Proposed	<0.1	<0.1
XS-946-5	Existing	--†	--†
	Proposed	<0.1	<0.1
XS-946-6	Existing	0.5	<0.1
	Proposed	0.5	<0.1
XS-J-1	Existing	See Table A-3 below	
	Proposed		
XS-J-2	Existing		
	Proposed		
XS-J-3	Existing		
	Proposed		
XS-949-1	Existing	<0.1	0.5
	Proposed	<0.1	0.5

Cross Section	Configuration	(–) ROW Edge	(+) ROW Edge
XS-949-2	Existing	0.1	0.5
	Proposed	<0.1	0.5
XS-949-3‡	Existing	0.1	0.5
	Proposed	0.1	0.5
XS-949-4	Existing	0.1	0.5
	Proposed	0.1	0.5
XS-949-5	Existing	0.1	0.5
	Proposed	<0.1	0.5
XS-949-6	Existing	0.1	0.5
	Proposed	<0.1	0.5

* Electric-field levels are presented as the resultant rms field level of the three orthogonal field components at each location along a transect perpendicular to the transmission centerline.

† Denotes that there are no existing transmission lines for this portion of the Project route.

Table A-3. Electric-field levels (kV/m)* at 1 meter (3.28 feet) above ground compared to the NYPSC level of 1.6 kV/m at the ROW edge for XS-J-1, XS-J-2, and XS-J-3

Cross Section	Configuration	(–) ROW Edge I	(+) ROW Edge I	(–) ROW Edge II	(+) ROW Edge II
XS-J-1	Existing	0.5	N/A	N/A	<0.1
	Proposed	0.5	0.3	<0.1	<0.1
XS-J-2	Existing	0.5	N/A	N/A	<0.1
	Proposed	0.5	N/A	N/A	<0.1
XS-J-3	Existing	0.5	0.5	0.1	0.1
	Proposed	0.5	0.3	0.3	0.2

Table A-4. Magnetic-field levels (mG)* at 1 meter (3.28 feet) above ground for WNC rating compared to the NYPSC level of 200 mG at the ROW edge

Cross Section	Configuration	(–) ROW Edge	(+) ROW Edge
XS-946-1	Existing	31	31
	Proposed	20	56
XS-946-2	Existing	--†	--†
	Proposed	64	64
XS-946-3	Existing	--†	--†
	Proposed	45	56
XS-946-4	Existing	31	31
	Proposed	51	72
XS-946-5	Existing	--†	--†
	Proposed	14	64
XS-946-6	Existing	59	5.1
	Proposed	54	15

Cross Section	Configuration	(–) ROW Edge	(+) ROW Edge
XS-J-1	Existing	See Table A-5 below	
	Proposed§		
XS-J-2	Existing		
	Proposed		
XS-J-3	Existing§		
	Proposed§		
XS-949-1	Existing	5.1	59
	Proposed	15	54
XS-949-2	Existing	22	61
	Proposed	14	53
XS-949-3‡	Existing	44	66
	Proposed	24	54
XS-949-4	Existing	25	62
	Proposed	24	54
XS-949-5	Existing	22	61
	Proposed	14	53
XS-949-6	Existing	22	62
	Proposed	39	60

* At each location along a transect perpendicular to the transmission centerline, magnetic-field levels are presented as the rms flux density of the maximum of the field ellipse as specified by NYPSC (1990) policy.

† Denotes that there are no existing transmission lines for this portion of the Project route.

‡ Denotes that the ROW width varies from 275 to 350 feet due to the varying distance of Line 949 from the edge of Interstate 88 (125 to 200 feet) to its north. The northern (–) ROW edge was assumed to be at a conservative (minimum) distance of 75 feet from existing Line 949.

§ Denotes that the ROW is bifurcated by a section of property not under easement. Further details are provided in Table A-5 below.

Table A-5. Magnetic-field levels (mG)* at 1 meter (3.28 feet) above ground for WNC rating compared to the NYPSC level of 200 mG at the ROW edge for XS-J-1, XS-J-2, and XS-J-3

Cross Section	Configuration	(–) ROW Edge I	(+) ROW Edge I	(–) ROW Edge II	(+) ROW Edge II
XS-J-1	Existing	58	N/A	N/A	5.3
	Proposed	54	49	6.7	49
XS-J-2	Existing	58	N/A	N/A	5.3
	Proposed	53	N/A	N/A	12
XS-J-3	Existing	59	59	20	21
	Proposed	64	63	59	56

Table A-6. Calculated AN in fair weather (dBA) *

Cross Section	Configuration	(–) ROW Edge	(+) ROW Edge
XS-946-1	Existing	--	--
	Proposed	--	--
XS-946-2	Existing	--†	--†
	Proposed	--	--
XS-946-3	Existing	--†	--†
	Proposed	--	--
XS-946-4	Existing	--	--
	Proposed	--	--
XS-946-5	Existing	--†	--†
	Proposed	--	--
XS-946-6	Existing	15	8
	Proposed	15	8
XS-J-1	Existing	See Table A-7 below	
	Proposed		
XS-J-2	Existing		
	Proposed		
XS-J-3	Existing		
	Proposed		
XS-949-1	Existing	8	15
	Proposed	8	15
XS-949-2	Existing	11	15
	Proposed	11	15
XS-949-3	Existing	12	15
	Proposed	11	15
XS-949-4	Existing	12	15
	Proposed	11	15
XS-949-5	Existing	11	15
	Proposed	11	15
XS-949-6	Existing	11	15
	Proposed	11	15

* Values of AN below 0 dBA are below the threshold of human hearing and are not reported.

† Denotes that there are no existing transmission lines for this portion of the Project route.

Table A-7. Calculated AN in fair weather (dBA) for XS-J-1, XS-J-2, and XS-J-3

Cross Section	Configuration	(–) ROW Edge I	(+) ROW Edge I	(–) ROW Edge II	(+) ROW Edge II
XS-J-1	Existing	15	N/A	N/A	5
	Proposed	15	13	10	5
XS-J-2	Existing	15	N/A	N/A	5
	Proposed	15	N/A	N/A	5
XS-J-3	Existing	15	15	8	6
	Proposed	15	13	8	6

Table A-8. Calculated RN in fair weather (dBµV/m) at ±50 feet from the outside conductor*

Cross Section	Configuration	– 50 feet from (–) Conductor	+ 50 feet from (+) Conductor
XS-946-1	Existing	23	23
	Proposed	4	4
XS-946-2	Existing	--†	--†
	Proposed	7	7
XS-946-3	Existing	--†	--†
	Proposed	4	4
XS-946-4	Existing	23	23
	Proposed	8	8
XS-946-5	Existing	--†	--†
	Proposed	7	7
XS-946-6	Existing	36	23
	Proposed	36	12
XS-J-1	Existing	See Table A-9 below	
	Proposed		
XS-J-2	Existing		
	Proposed		
XS-J-3	Existing		
	Proposed		
XS-949-1	Existing	23	36
	Proposed	12	36
XS-949-2	Existing	23	36
	Proposed	24	36
XS-949-3	Existing	23	36
	Proposed	24	36
XS-949-4	Existing	23	36
	Proposed	24	36
XS-949-5	Existing	23	36
	Proposed	24	36
XS-949-6	Existing	23	36
	Proposed	22	36

* Values of RN below 0 dBµV/m are not reported (--).

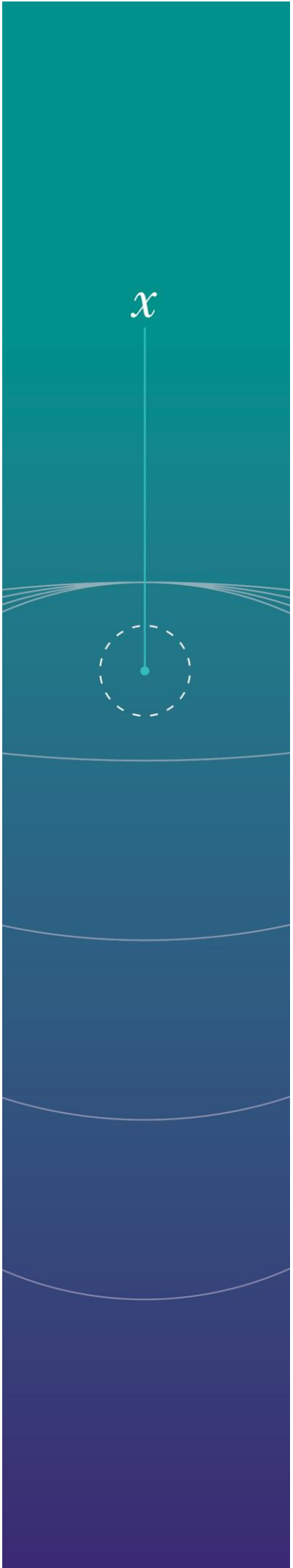
† Denotes that there are no existing transmission lines for this portion of the Project route.

Table A-9. Calculated RN in fair weather (dBµV/m) for XS-J-1, XS-J-2, and XS-J-3 at ±50 feet from the outside conductors

Cross Section	Configuration	ROW I		ROW II	
		–50 feet from (–) Conductor	+50 feet from (+) Conductor	–50 feet from (–) Conductor	+50 feet from (+) Conductor
XS-J-1	Existing	36	N/A	N/A	12
	Proposed	36	24	8	7
XS-J-2	Existing	36	N/A	N/A	11
	Proposed	36	N/A	N/A	7
XS-J-3	Existing	36	36	12	11
	Proposed	36	25	13	7

Appendix B

Graphical Profiles of Calculated EMF Levels



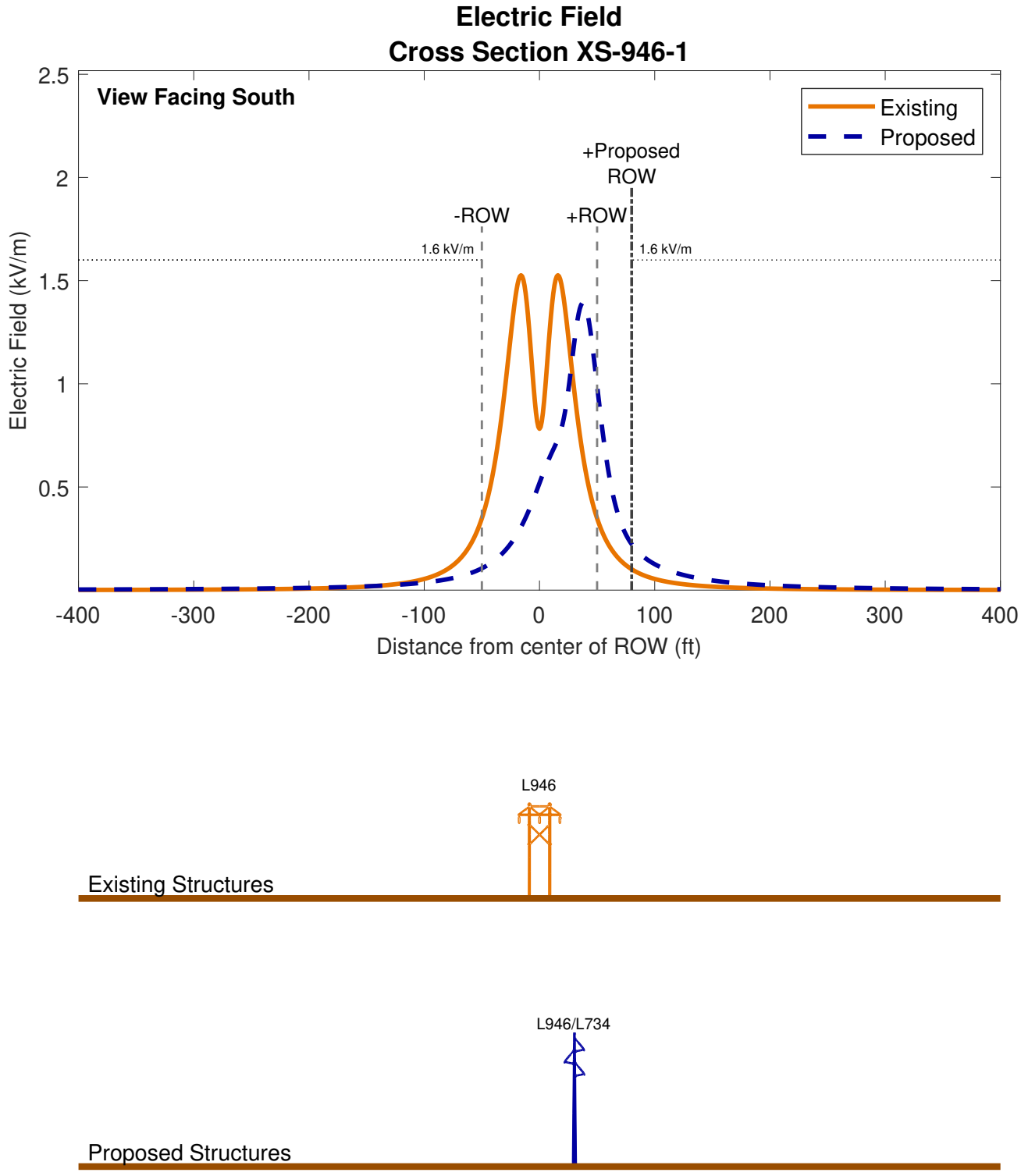


Figure B-1. Calculated AC electric-field profile along XS-946-1 (Segments 2, 3, 5, 7, 8, 11, 13, 15, 16, 17)

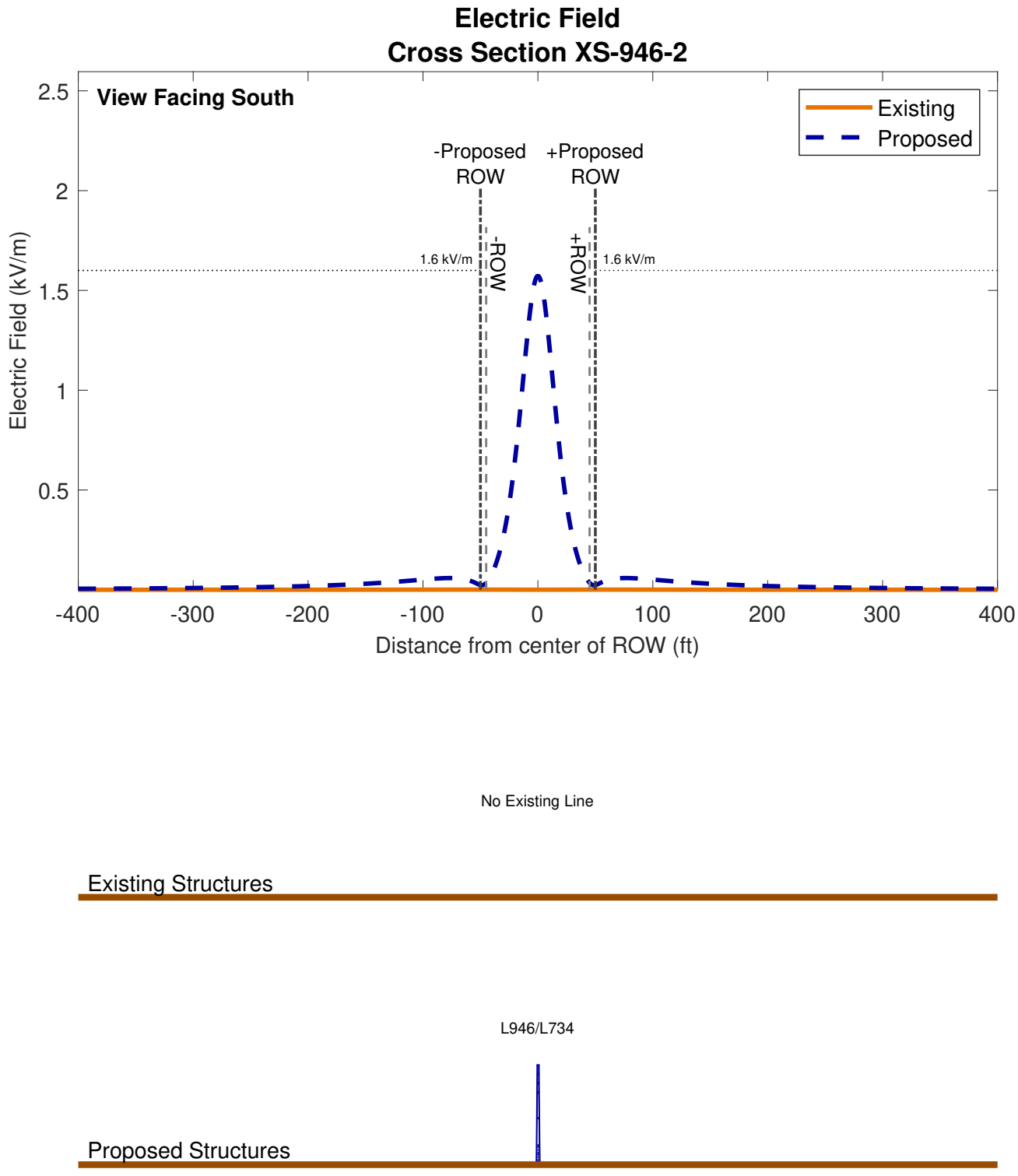


Figure B-2. Calculated AC electric-field profile along XS-946-2 (Segments 4, 9)

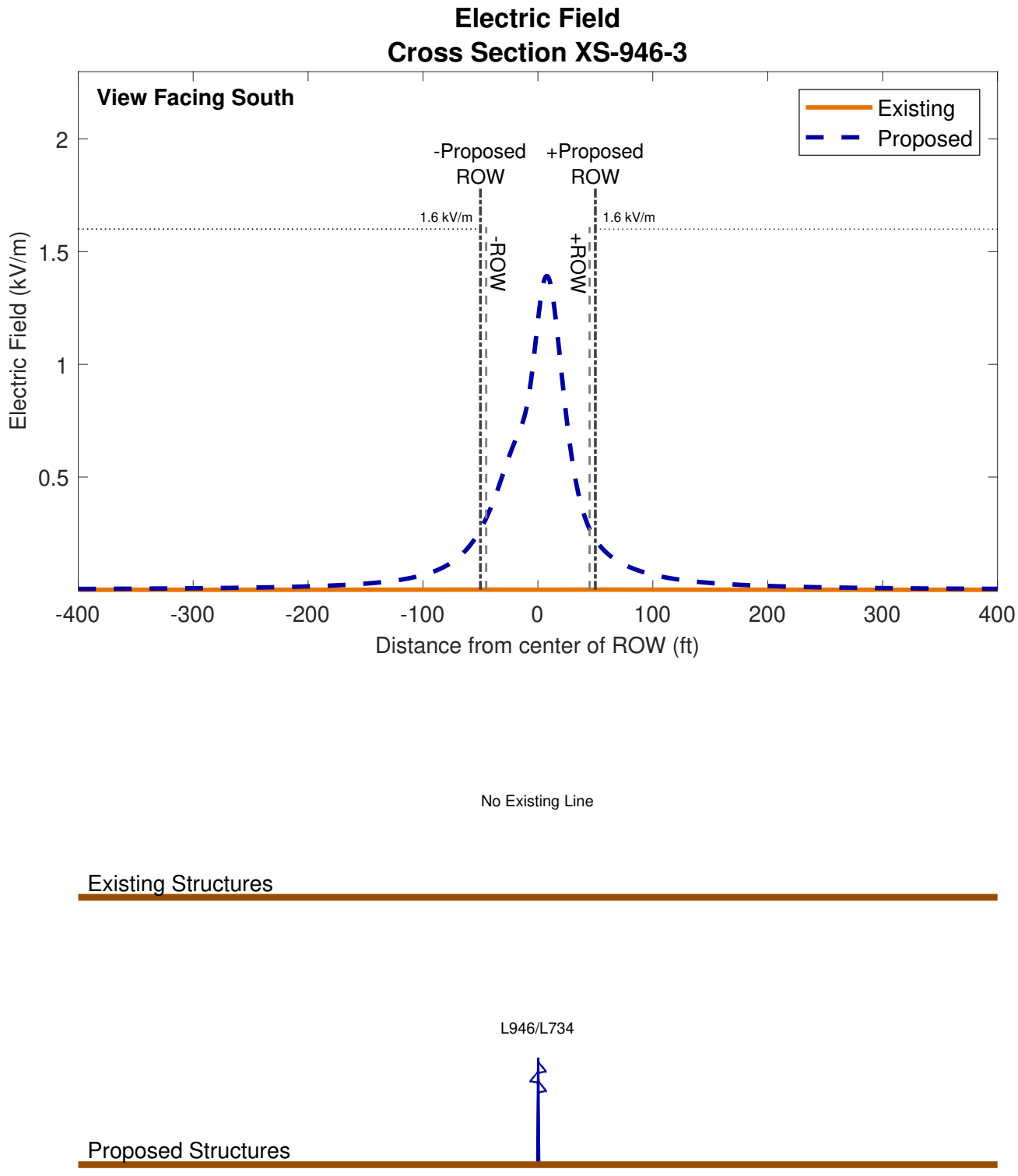


Figure B-3. Calculated AC electric-field profile along XS-946-3 (Segment 6, 14)

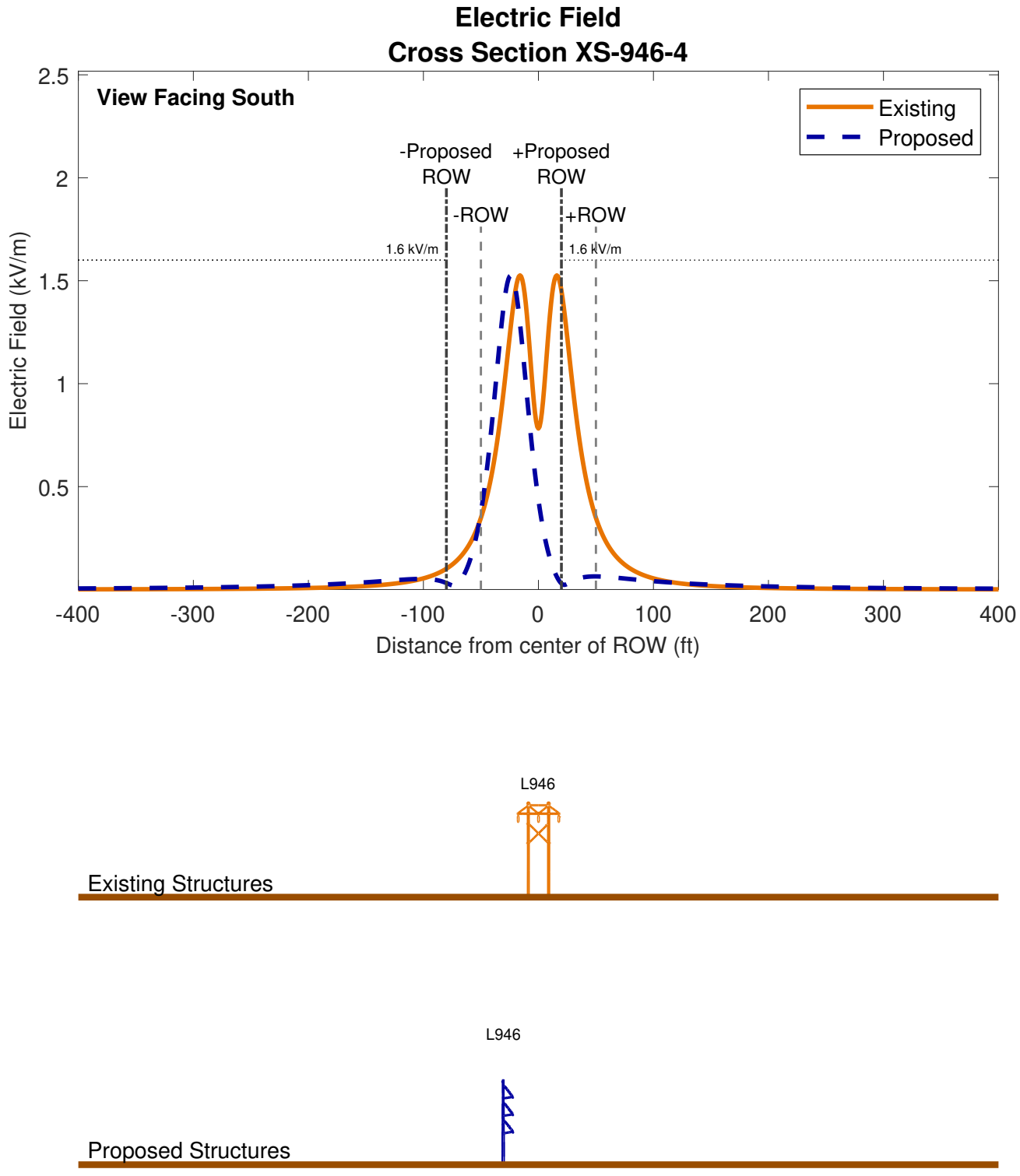


Figure B-4. Calculated AC electric-field profile along XS-946-4 (Segment 12)

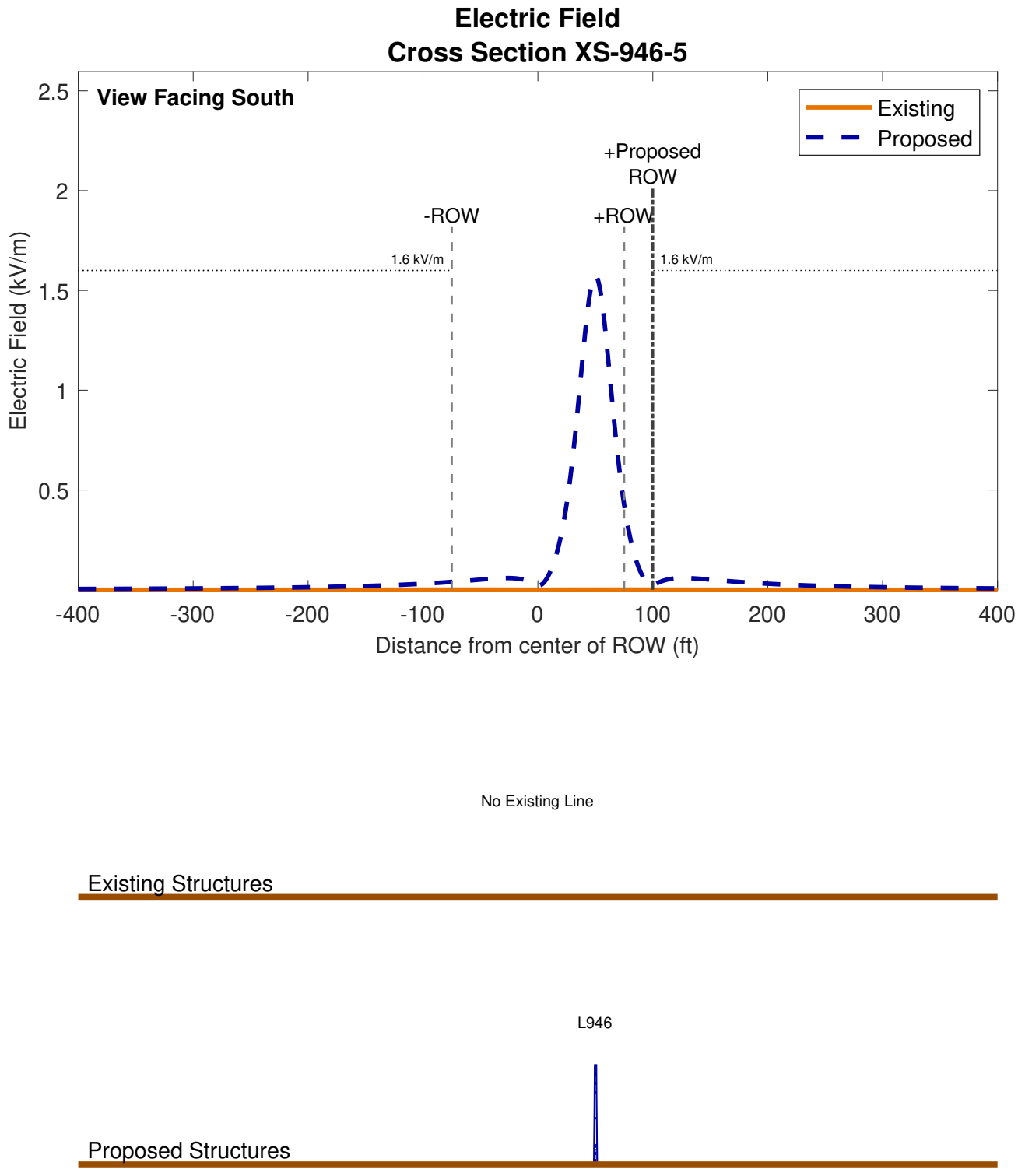


Figure B-5. Calculated AC electric-field profile along XS-946-5 (Segment 10)

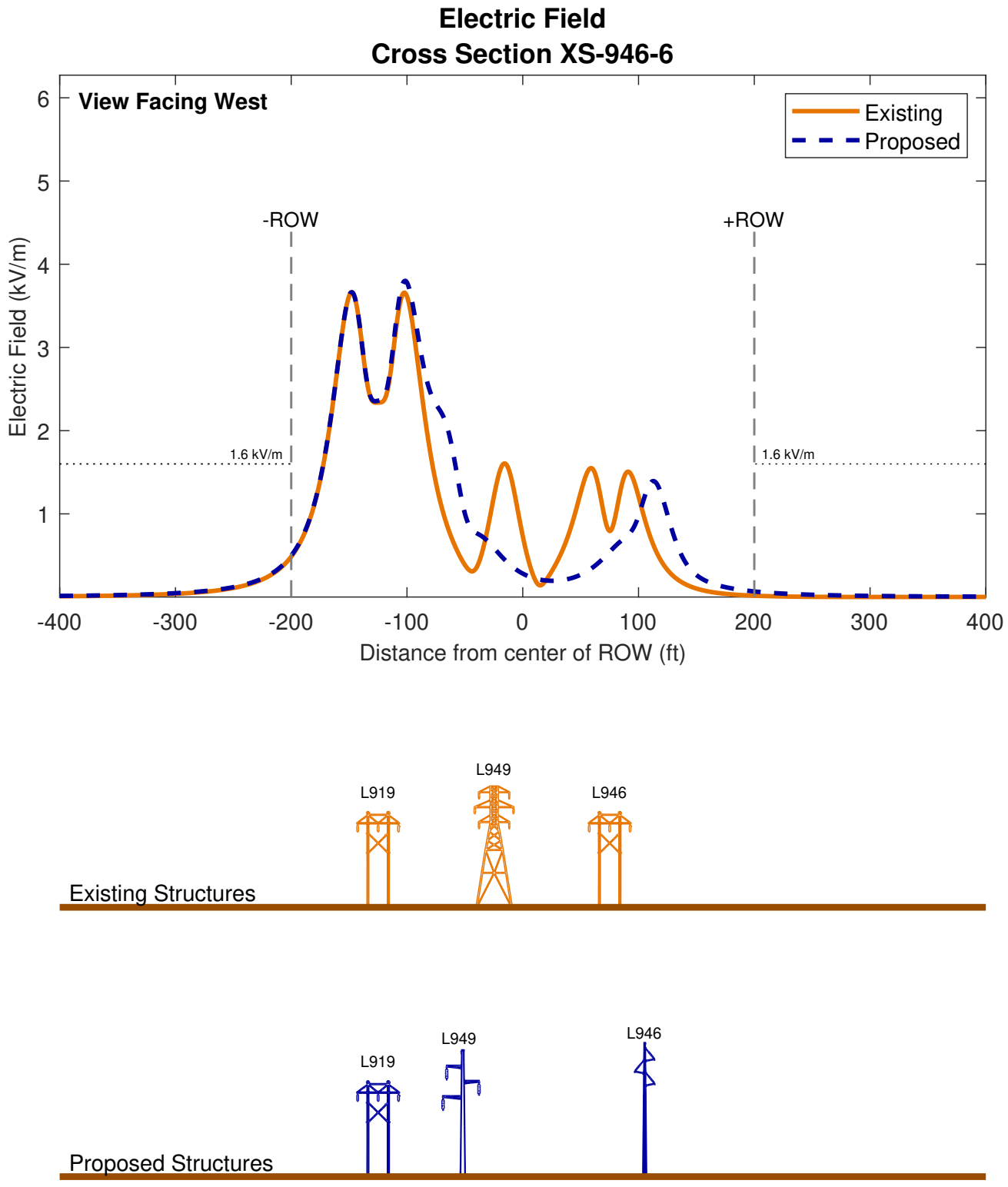


Figure B-6. Calculated AC electric-field profile along XS-946-6 (Segments 18, 19, 20)

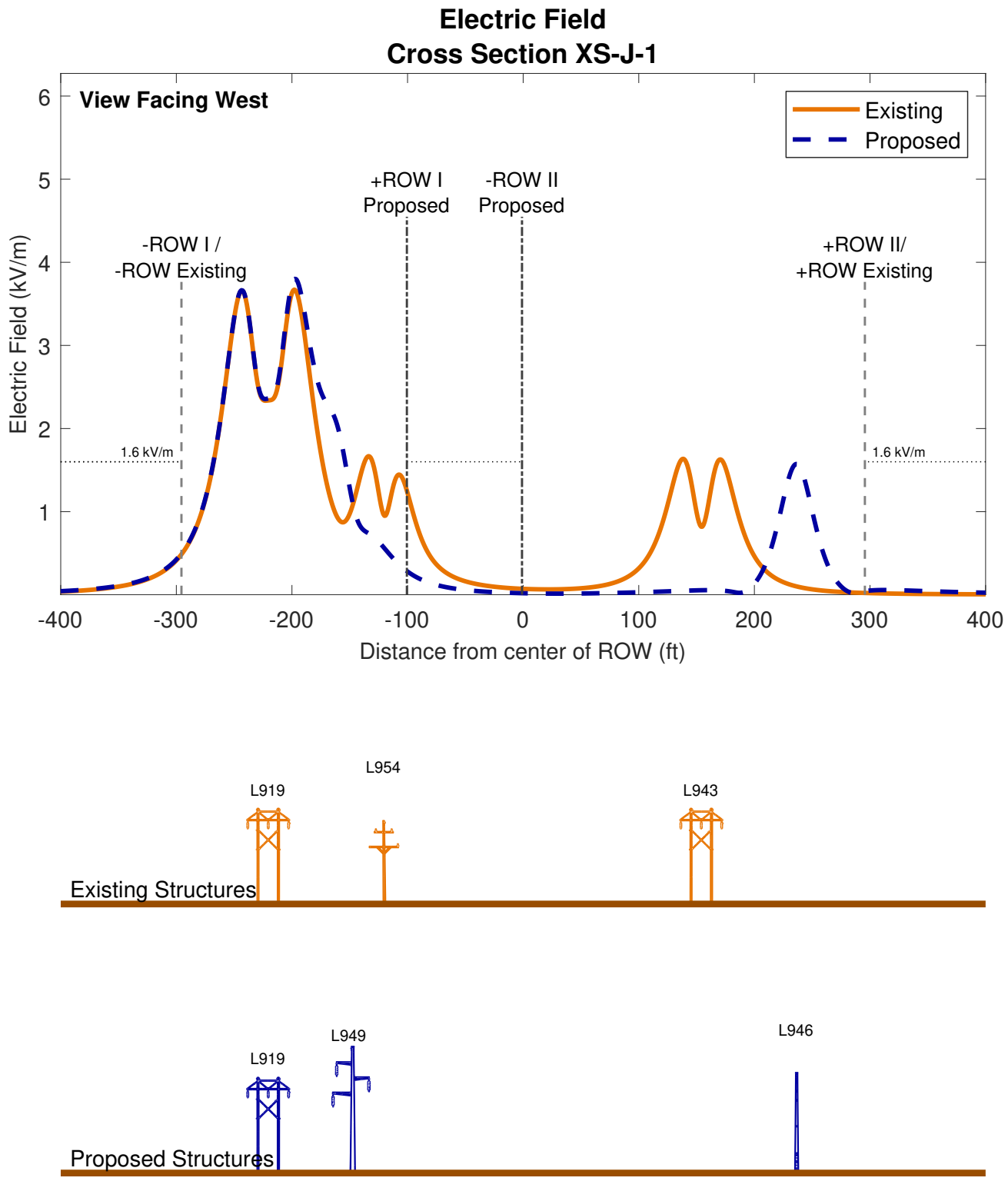


Figure B-7. Calculated AC electric-field profile along XS-J-1 (Segment 31)

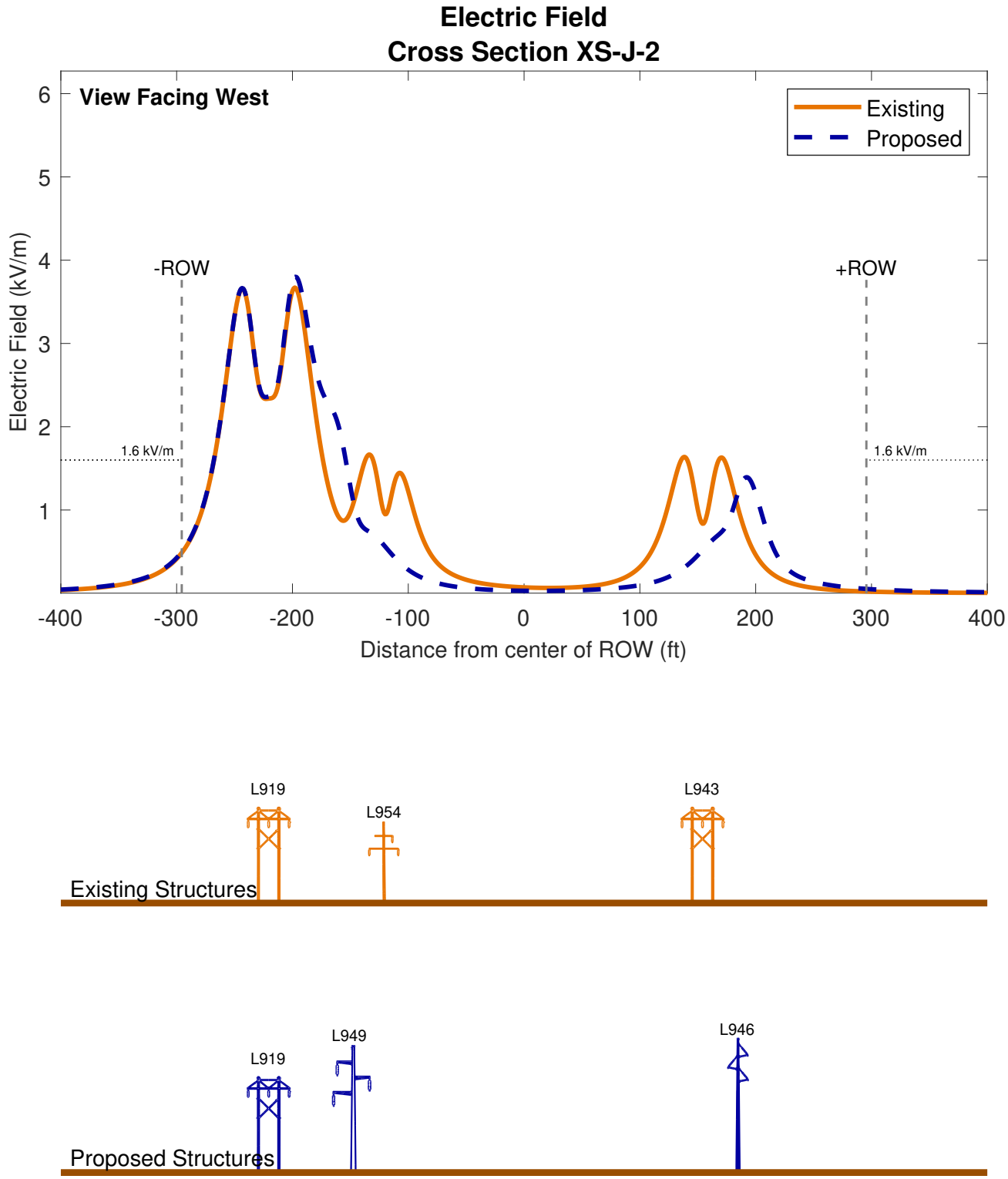


Figure B-8. Calculated AC electric-field profile along XS-J-2 (Segment 32)

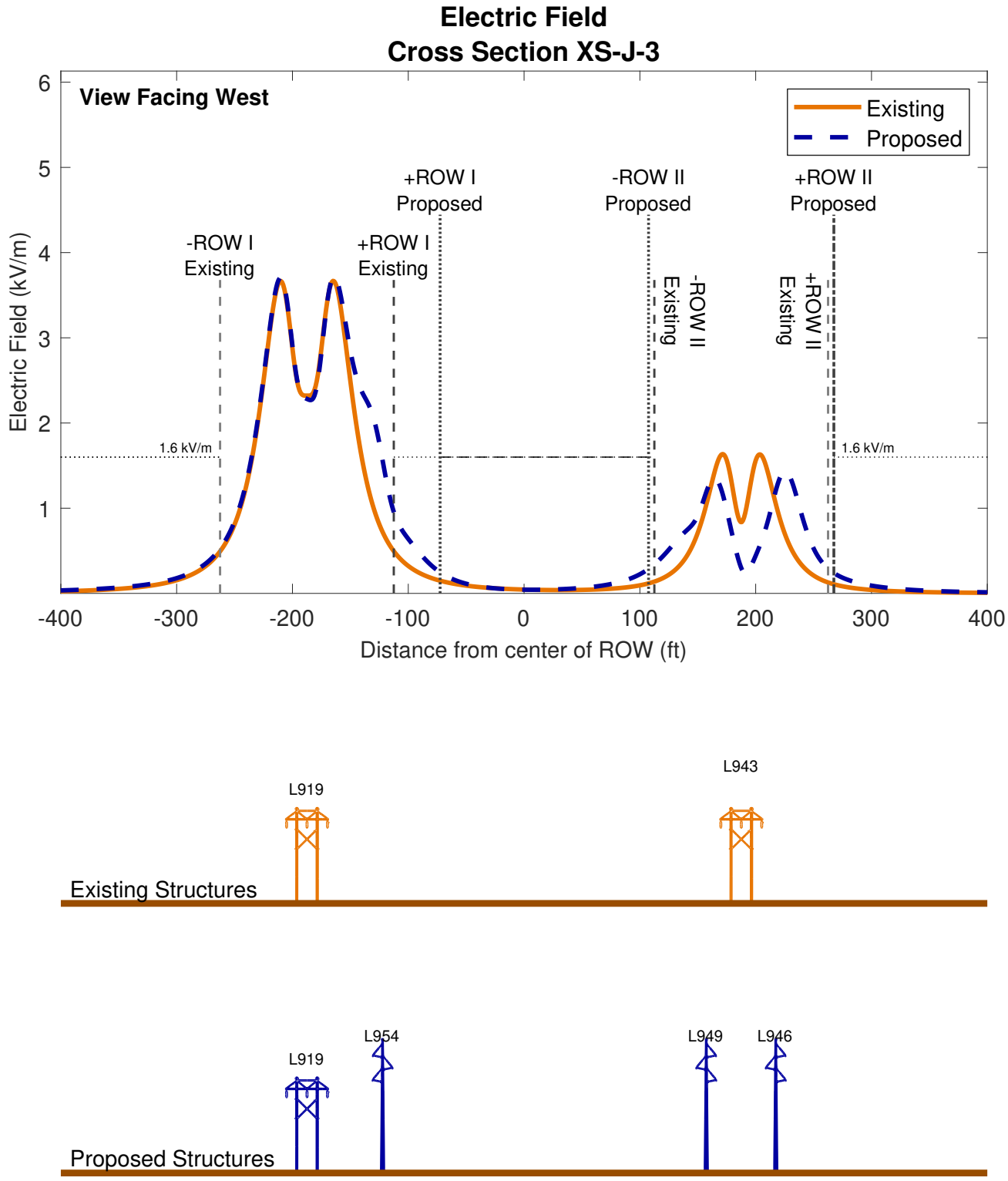


Figure B-9. Calculated AC electric-field profile along XS-J-3 (Segments 33, 34)

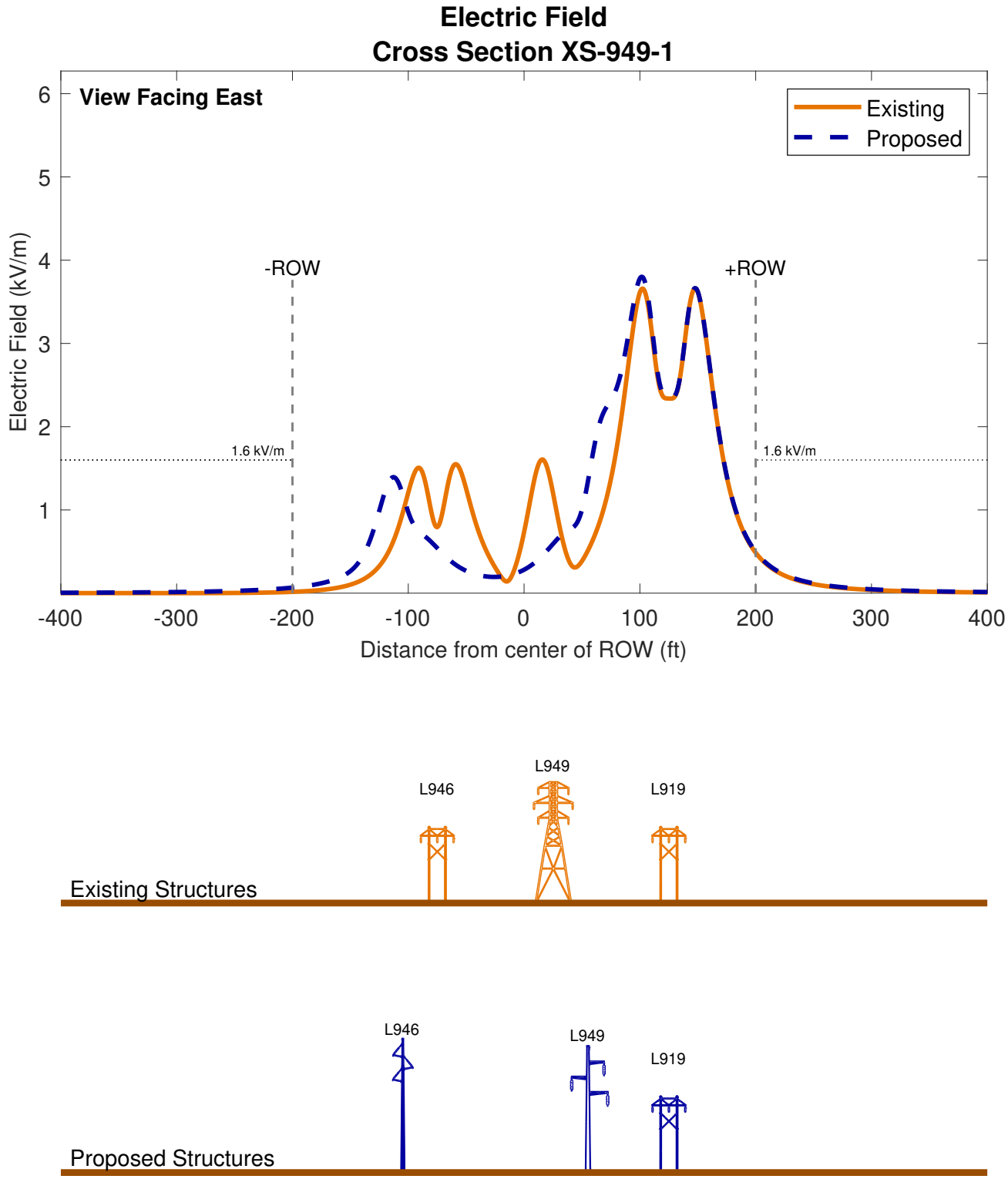


Figure B-10. Calculated AC electric-field profile along XS-949-1 (Segment 23)

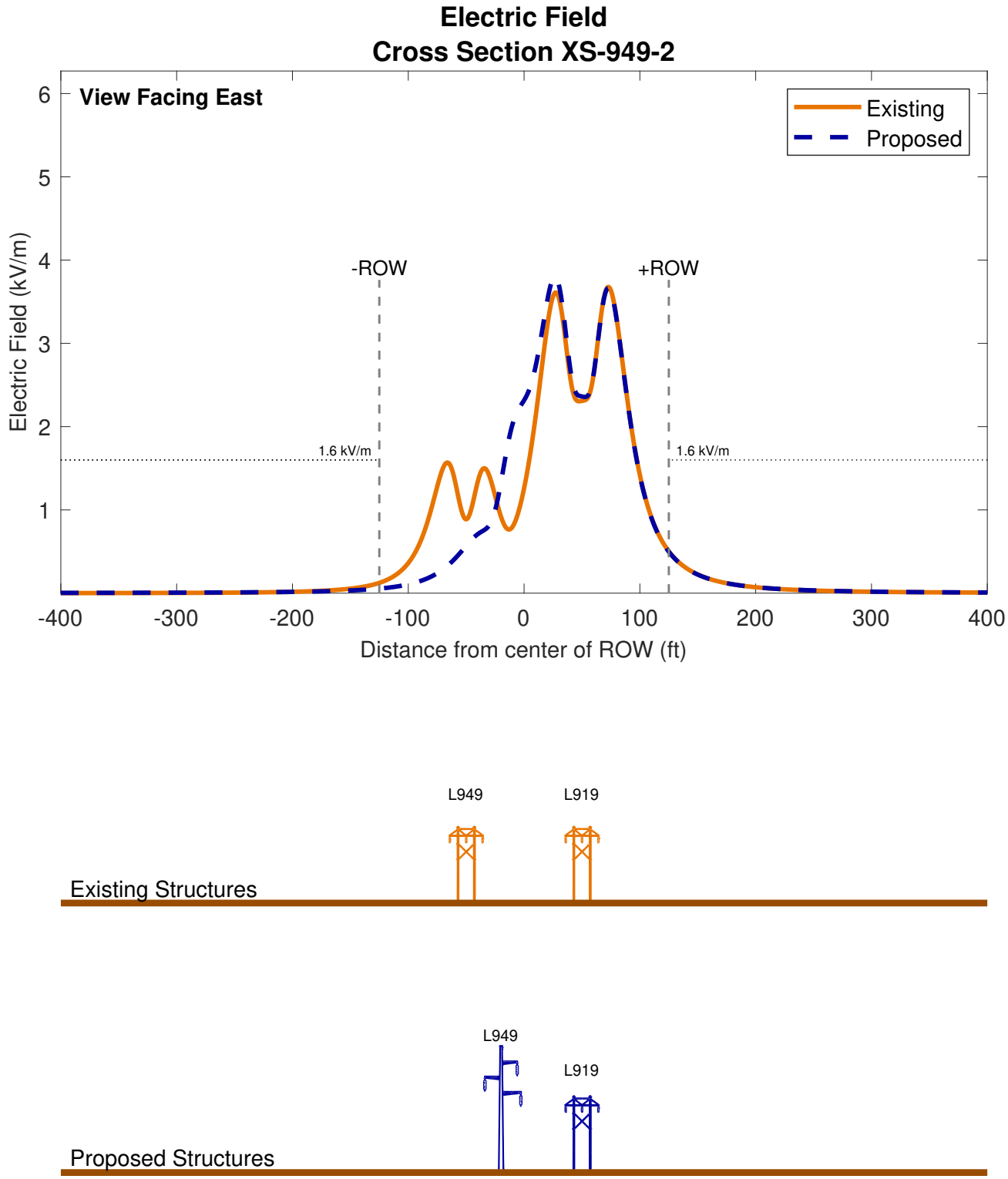


Figure B-11. Calculated AC electric-field profile along XS-949-2 (Segment 24)

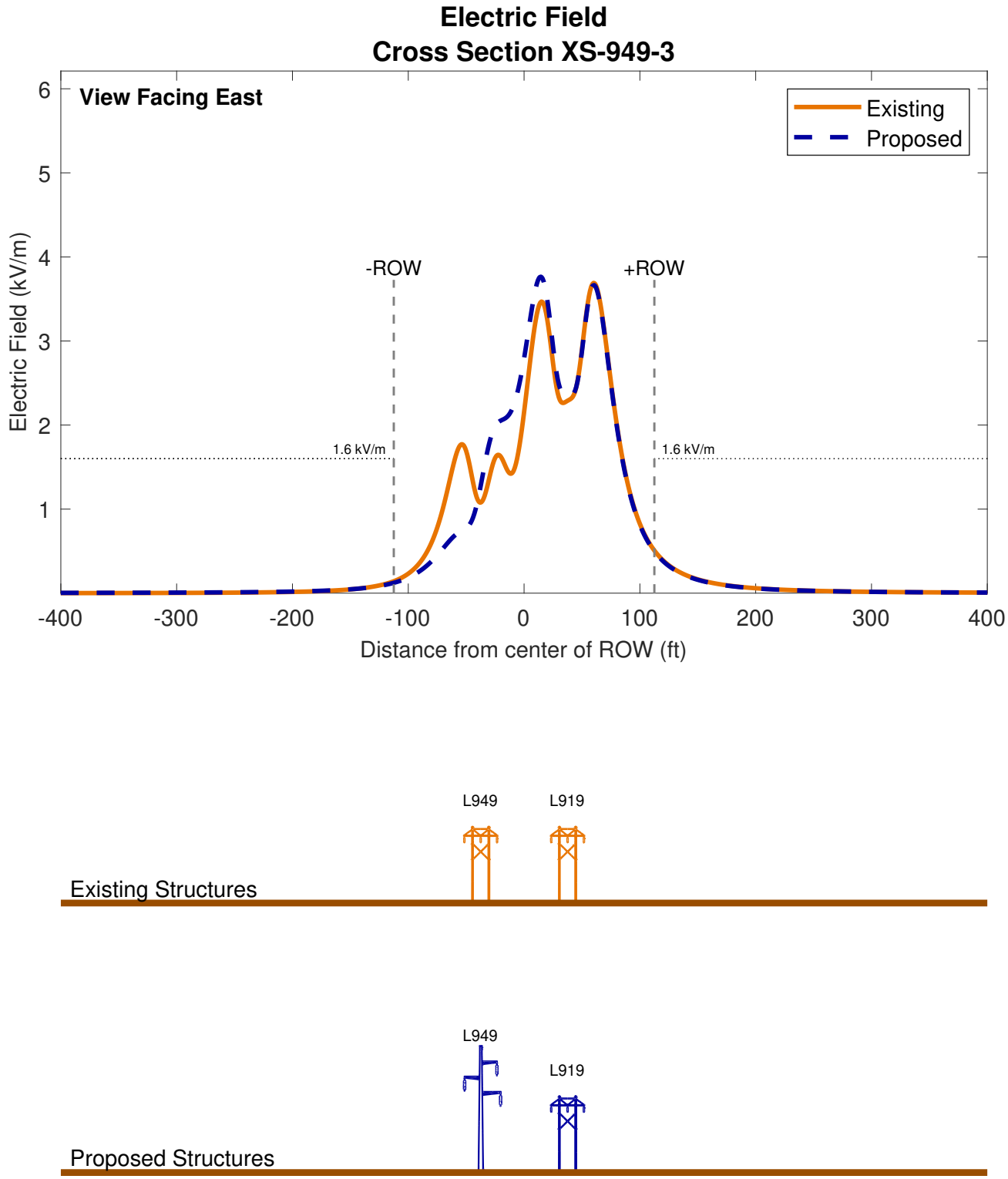


Figure B-12. Calculated AC electric-field profile along XS-949-3 (Segment 25)

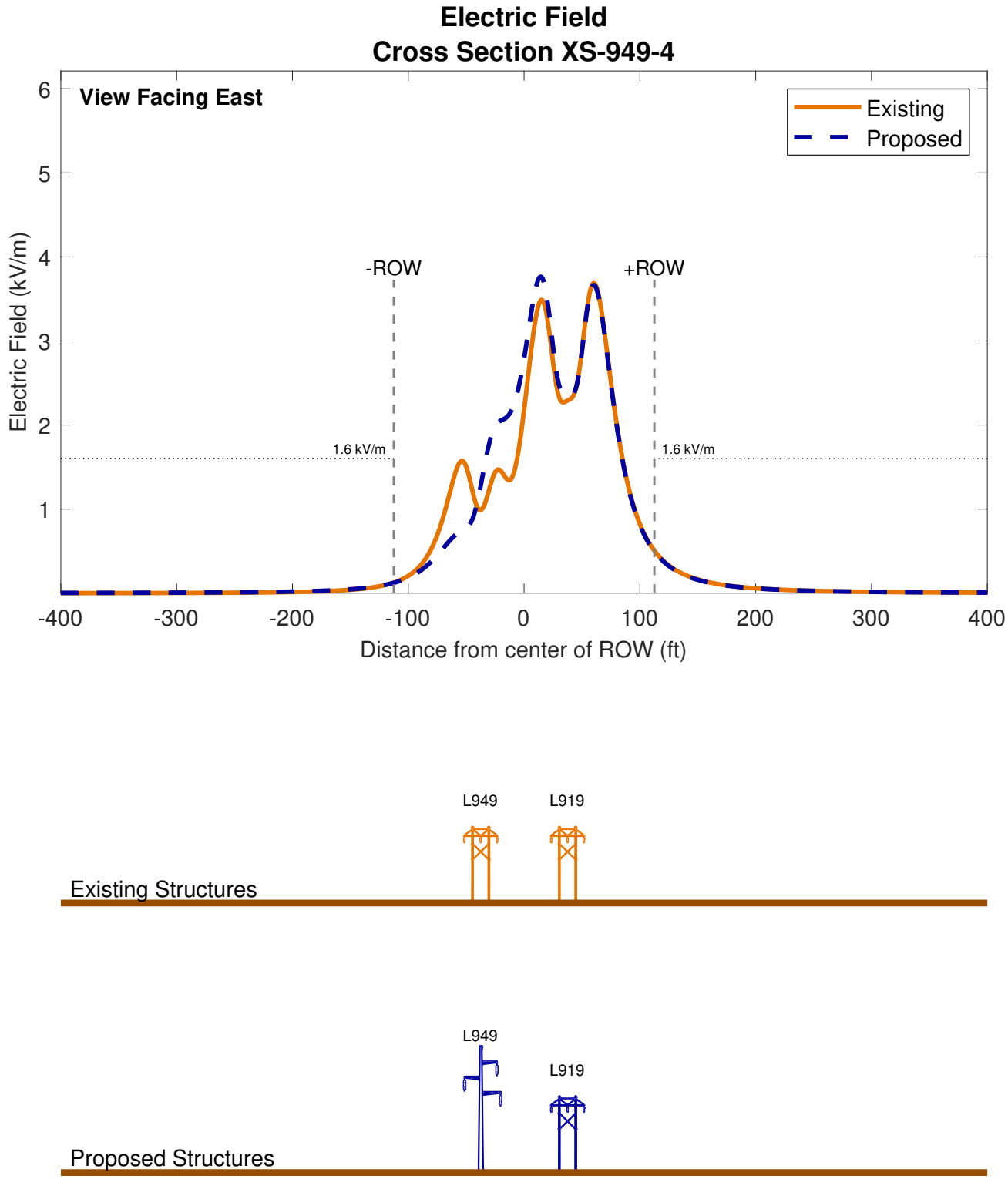


Figure B-13. Calculated AC electric-field profile along XS-949-4 (Segment 26)

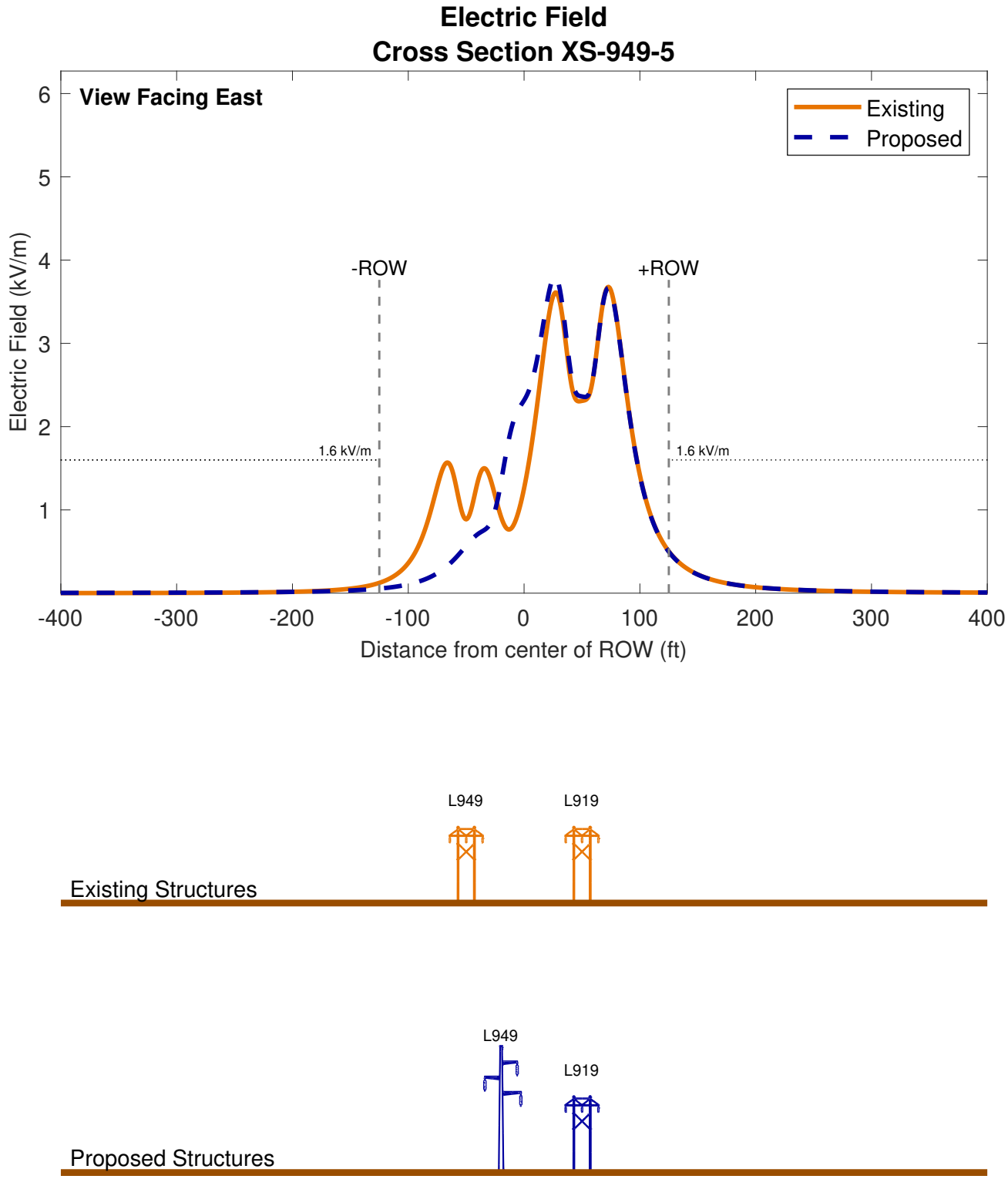


Figure B-14. Calculated AC electric-field profile along XS-949-5 (Segment 28)

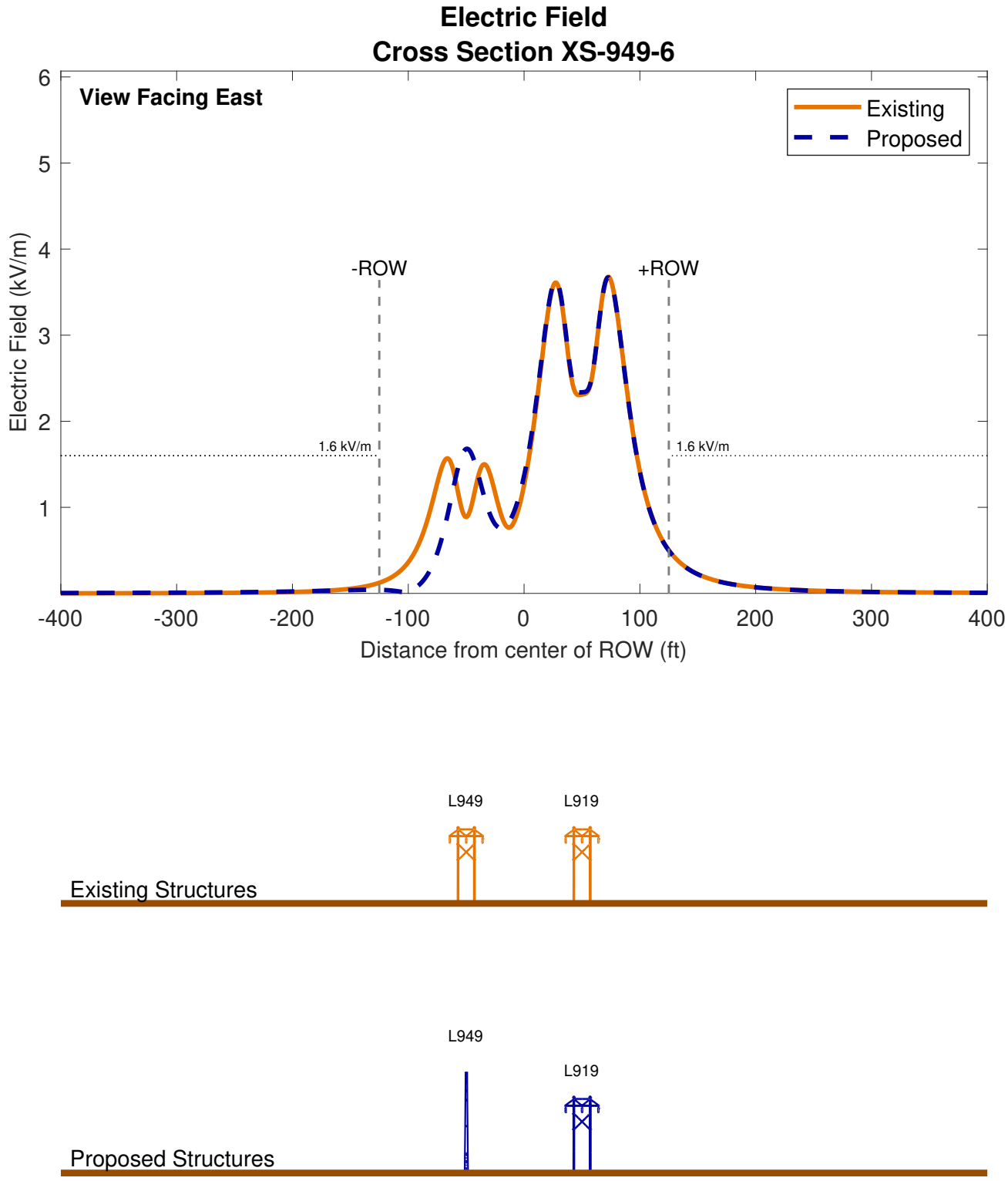


Figure B-15. Calculated AC electric-field profile along XS-949-6 (Segment 27)

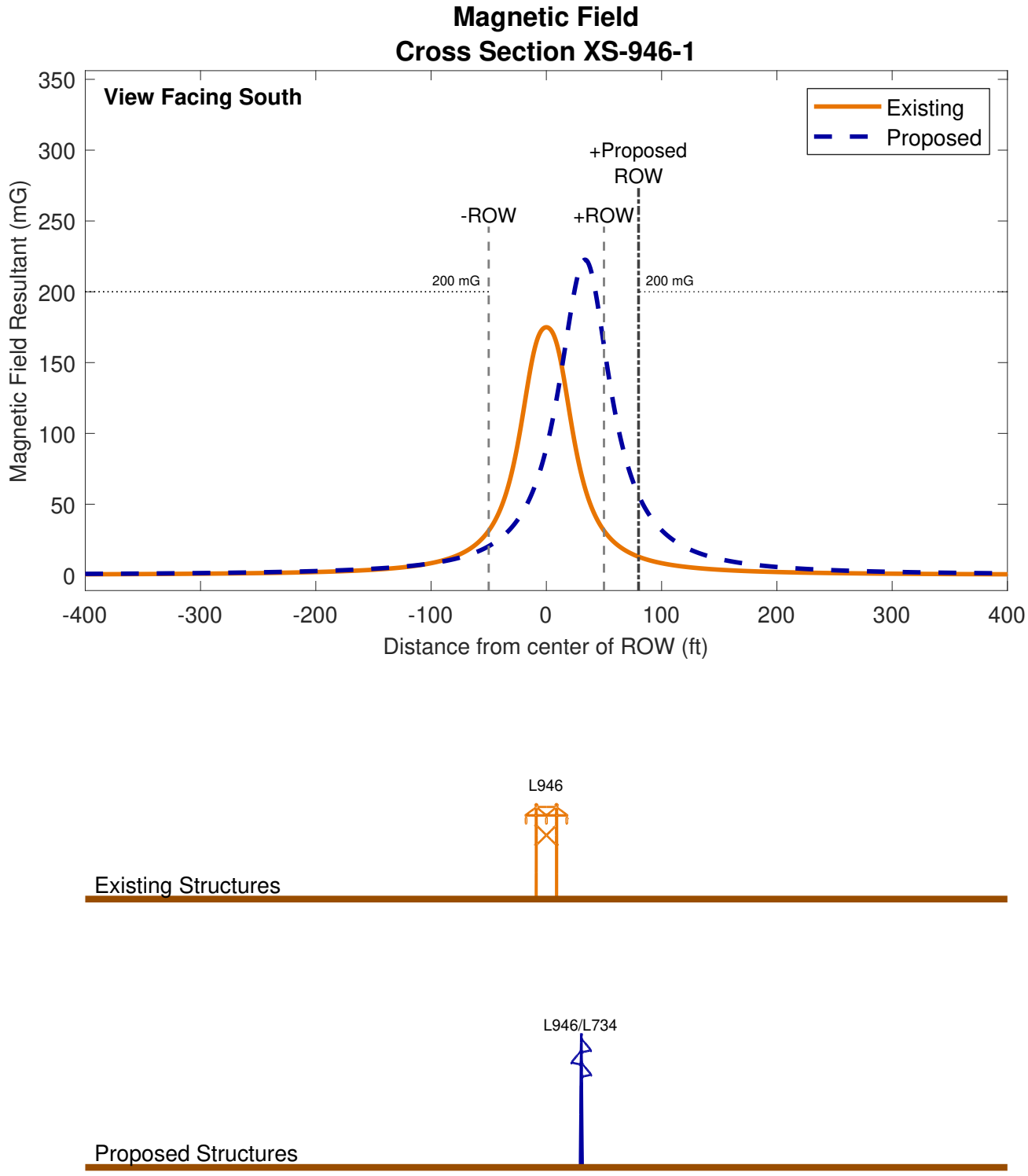


Figure B-16. Calculated AC magnetic-field profile along XS-946-1 (Segments 2, 3, 5, 7, 8, 11, 13, 15, 16, 17)

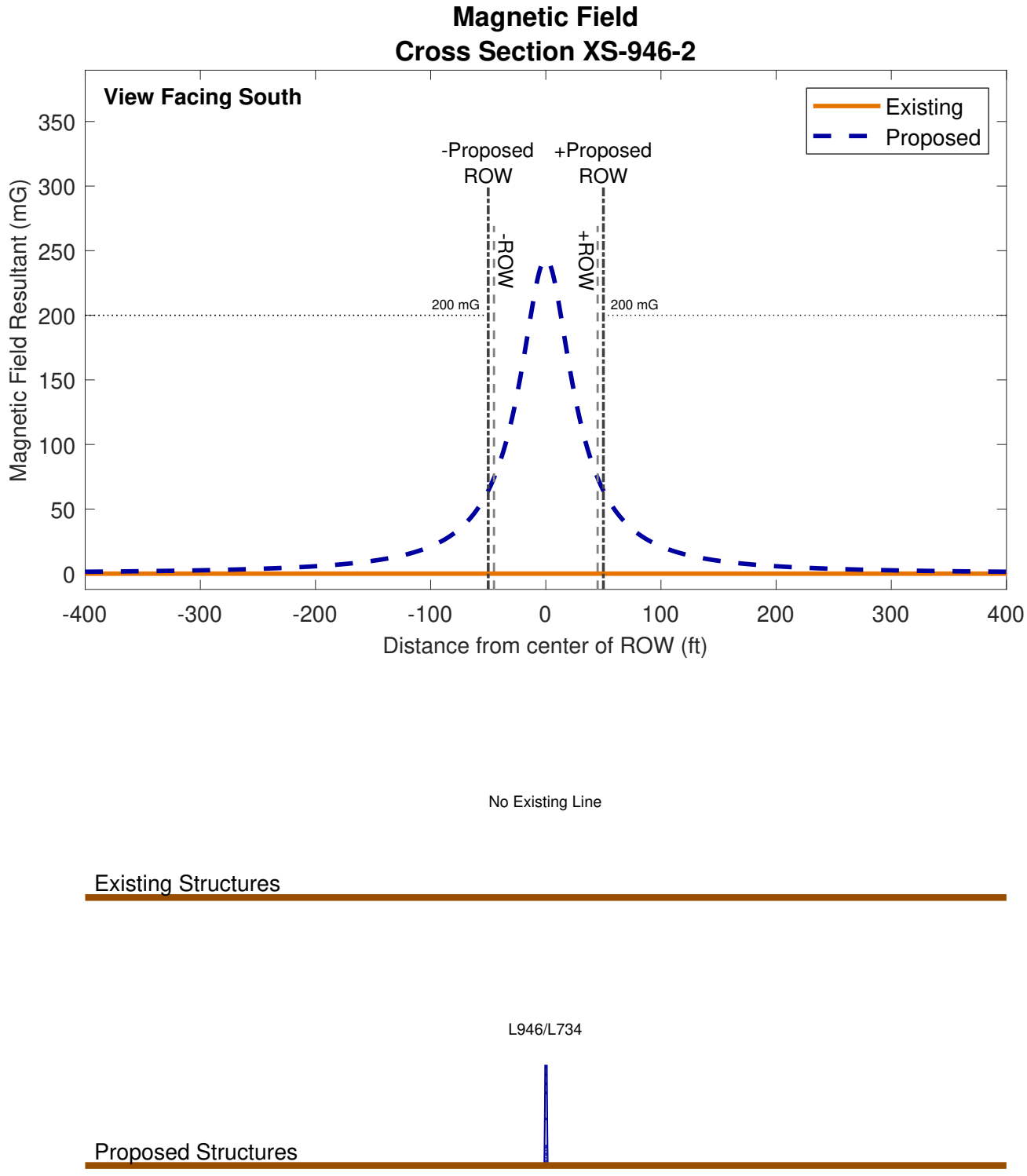


Figure B-17. Calculated AC magnetic-field profile along XS-946-2 (Segments 4, 9)

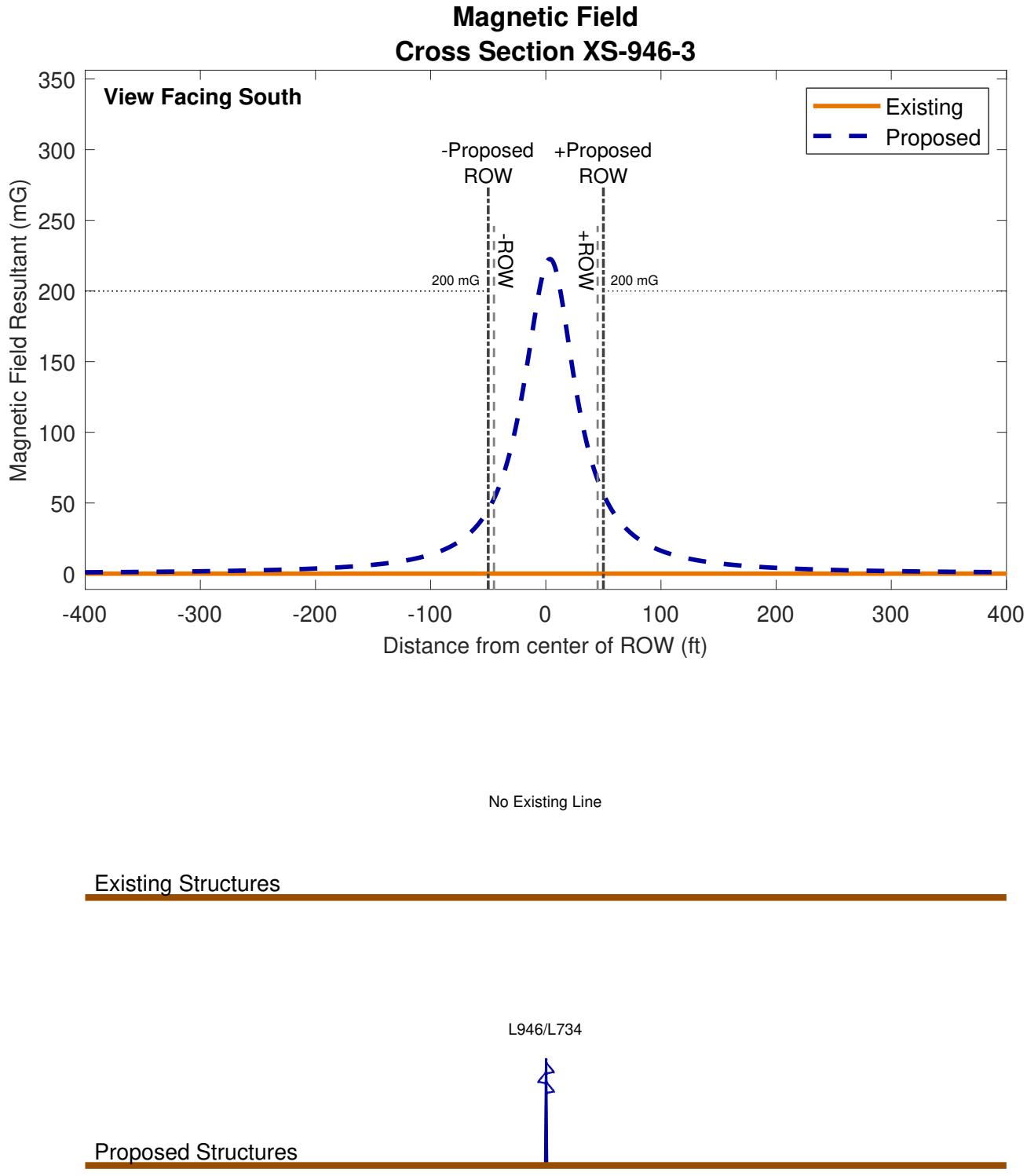


Figure B-18. Calculated AC magnetic-field profile along XS-946-3 (Segment 6, 14)

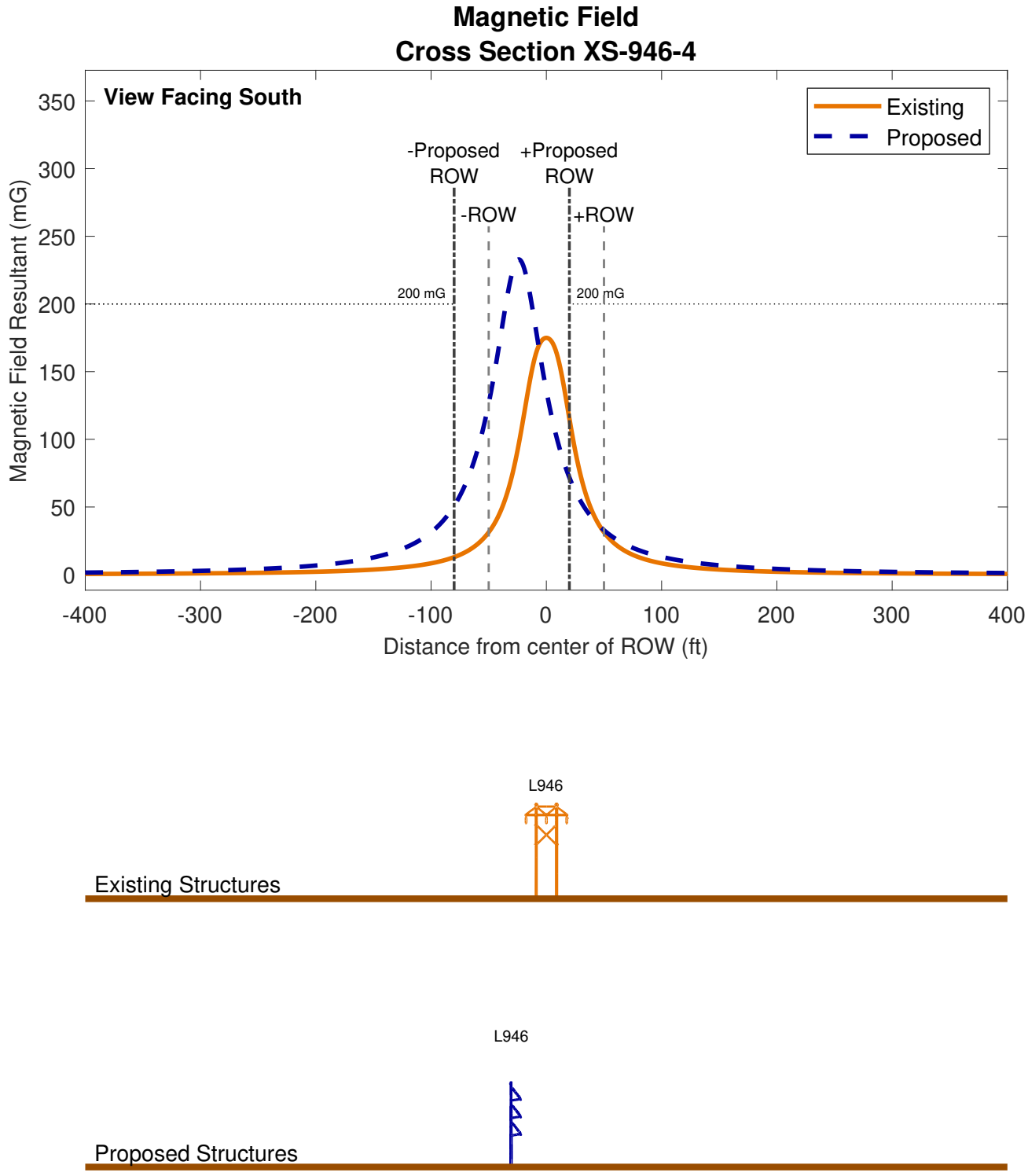


Figure B-19. Calculated AC magnetic-field profile along XS-946-4 (Segment 12)

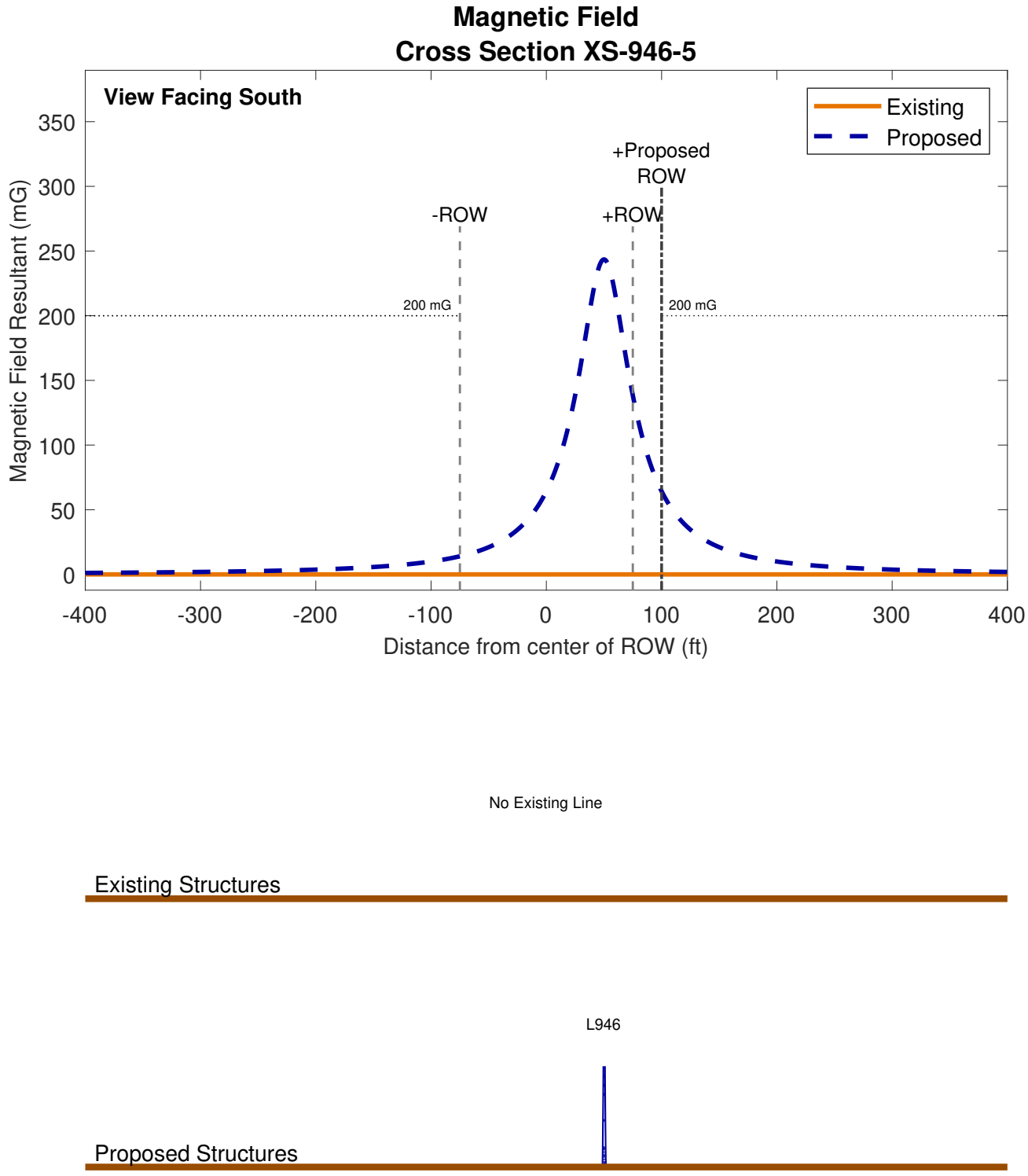


Figure B-20. Calculated AC magnetic-field profile along XS-946-5 (Segment 10)

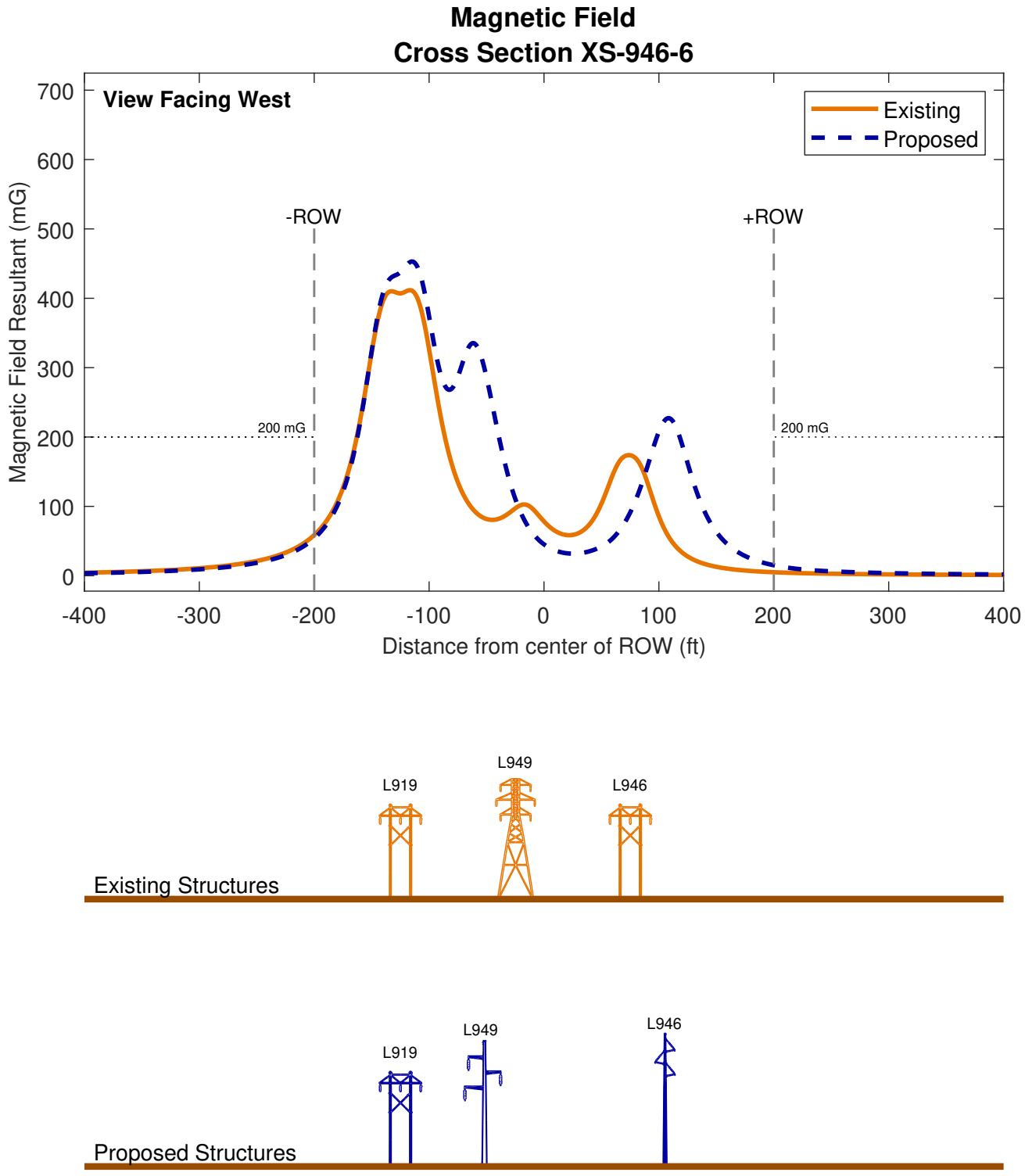


Figure B-21. Calculated AC magnetic-field profile along XS-946-6 (Segments 18, 19, 20)

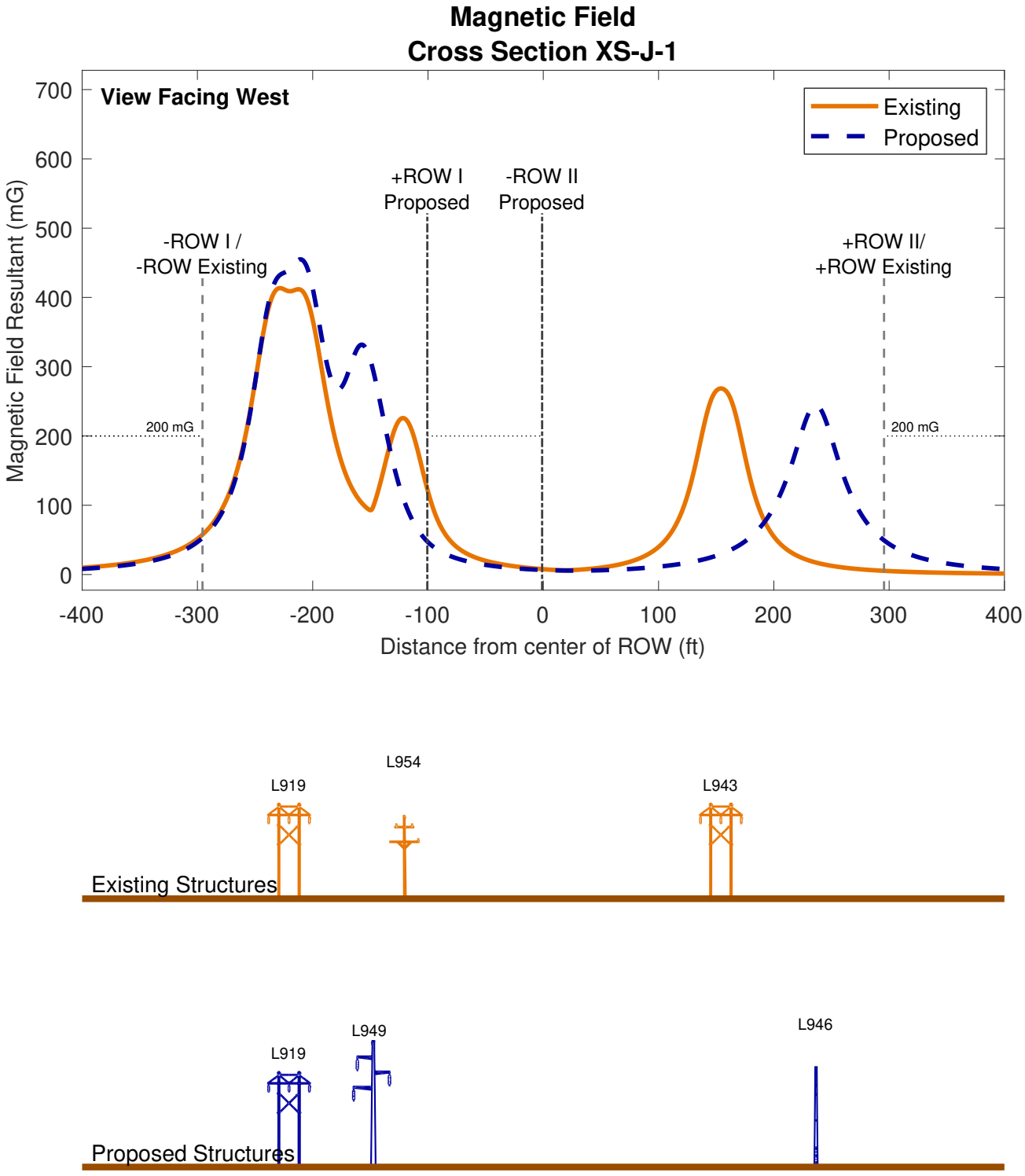


Figure B-22. Calculated AC magnetic-field profile along XS-J-1 (Segment 31)

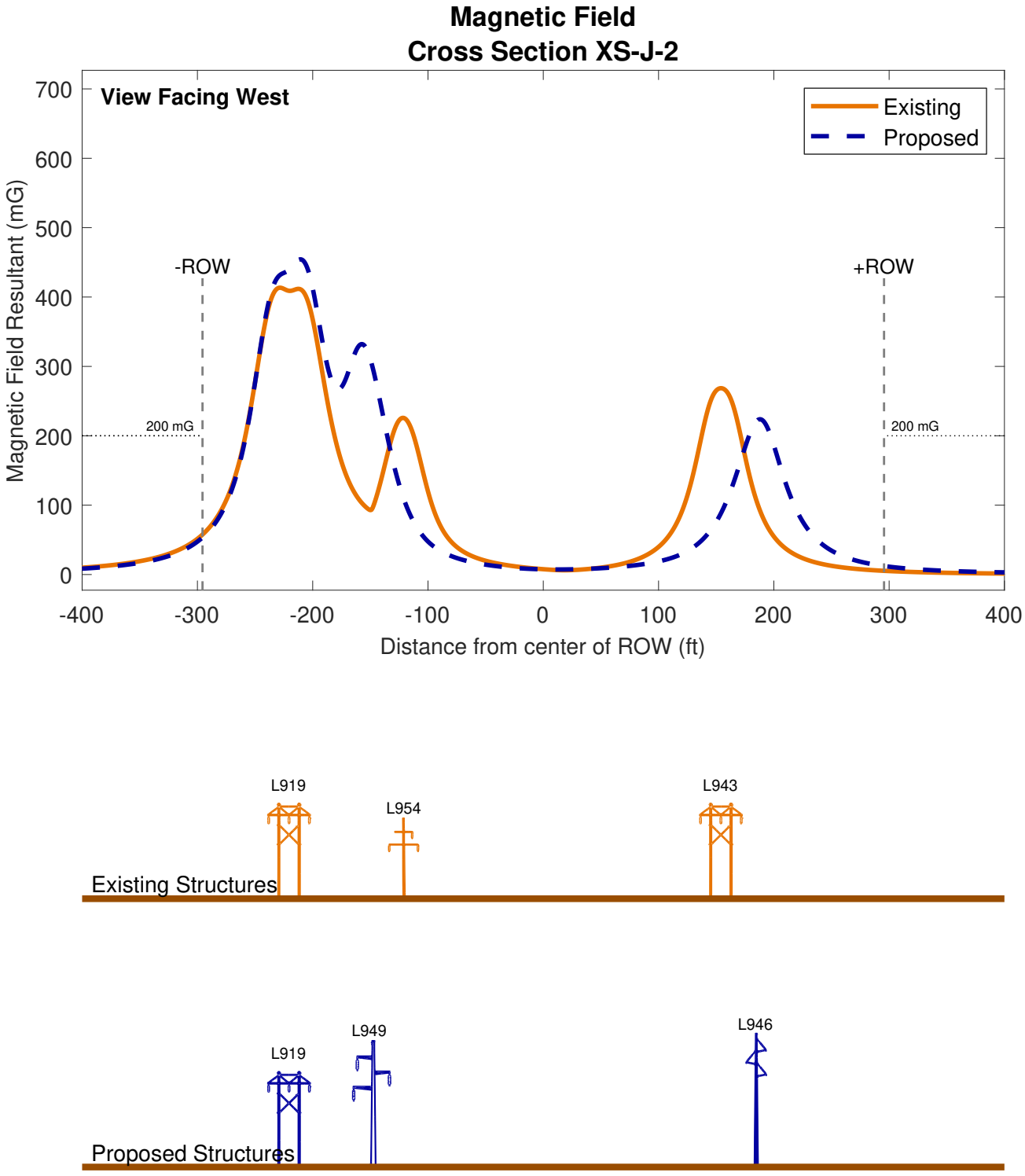


Figure B-23. Calculated AC magnetic-field profile along XS-J-2 (Segment 32)

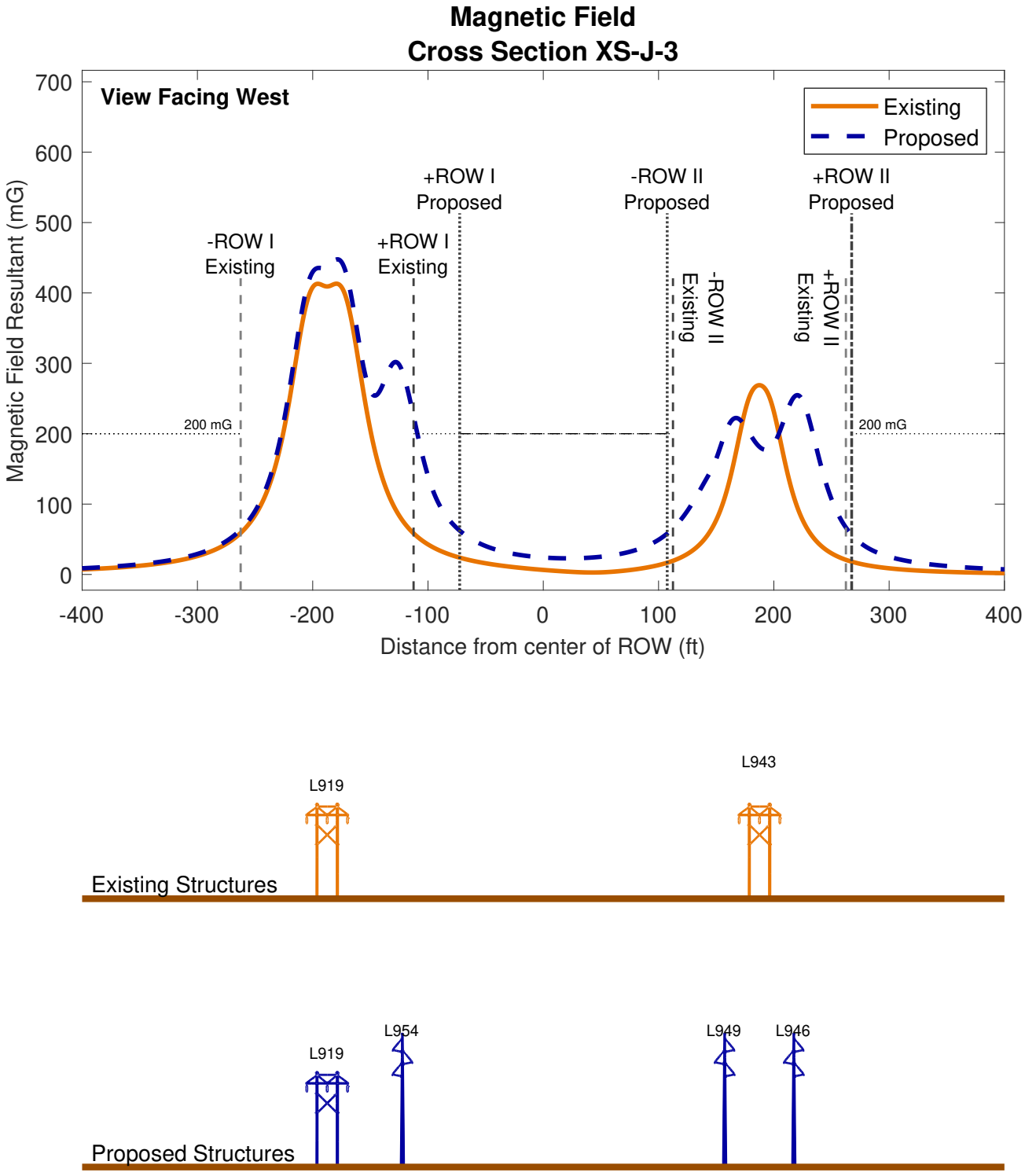


Figure B-24. Calculated AC magnetic-field profile along XS-J-3 (Segments 33, 34)

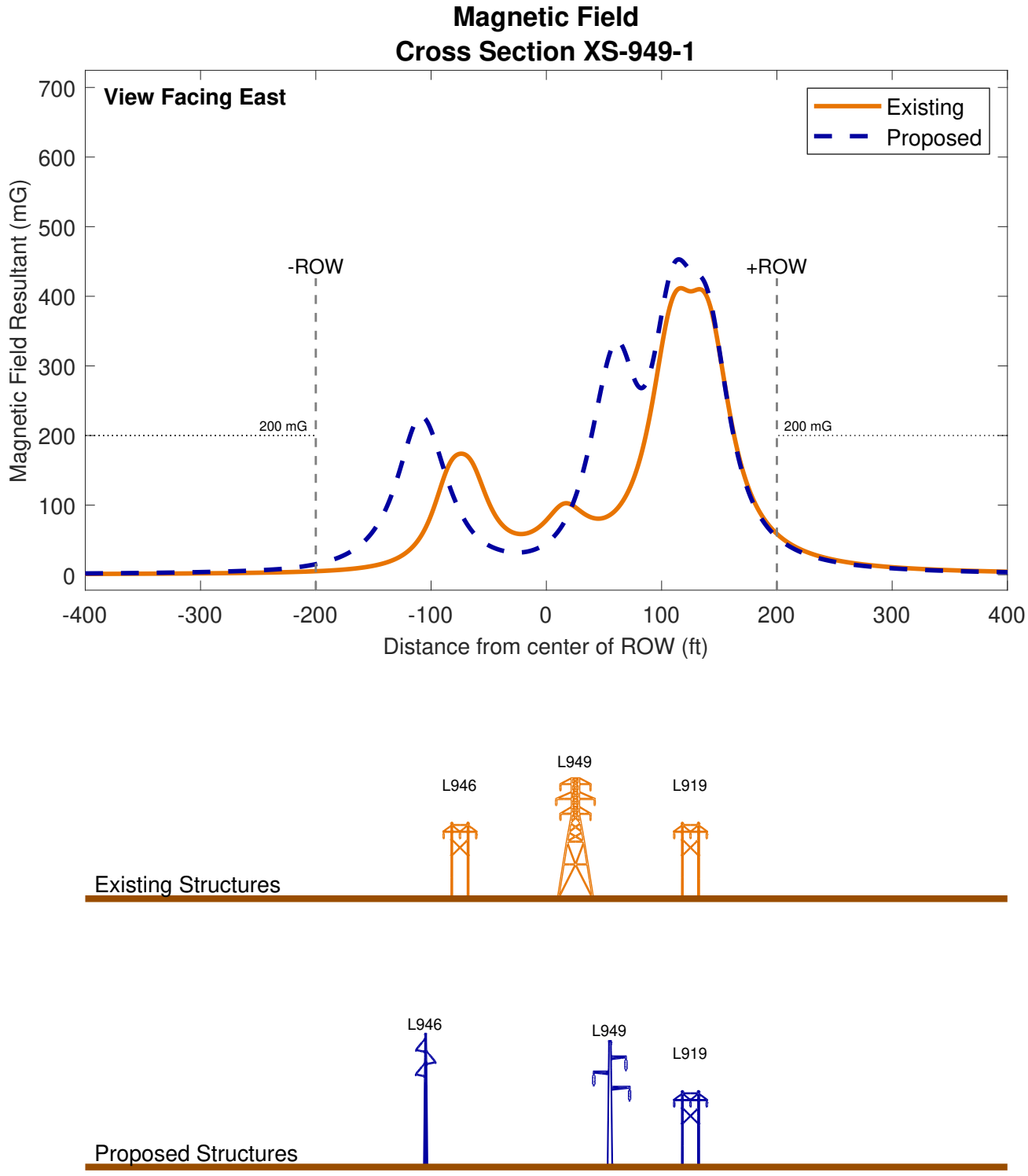


Figure B-25. Calculated AC magnetic-field profile along XS-949-1 (Segment 23)

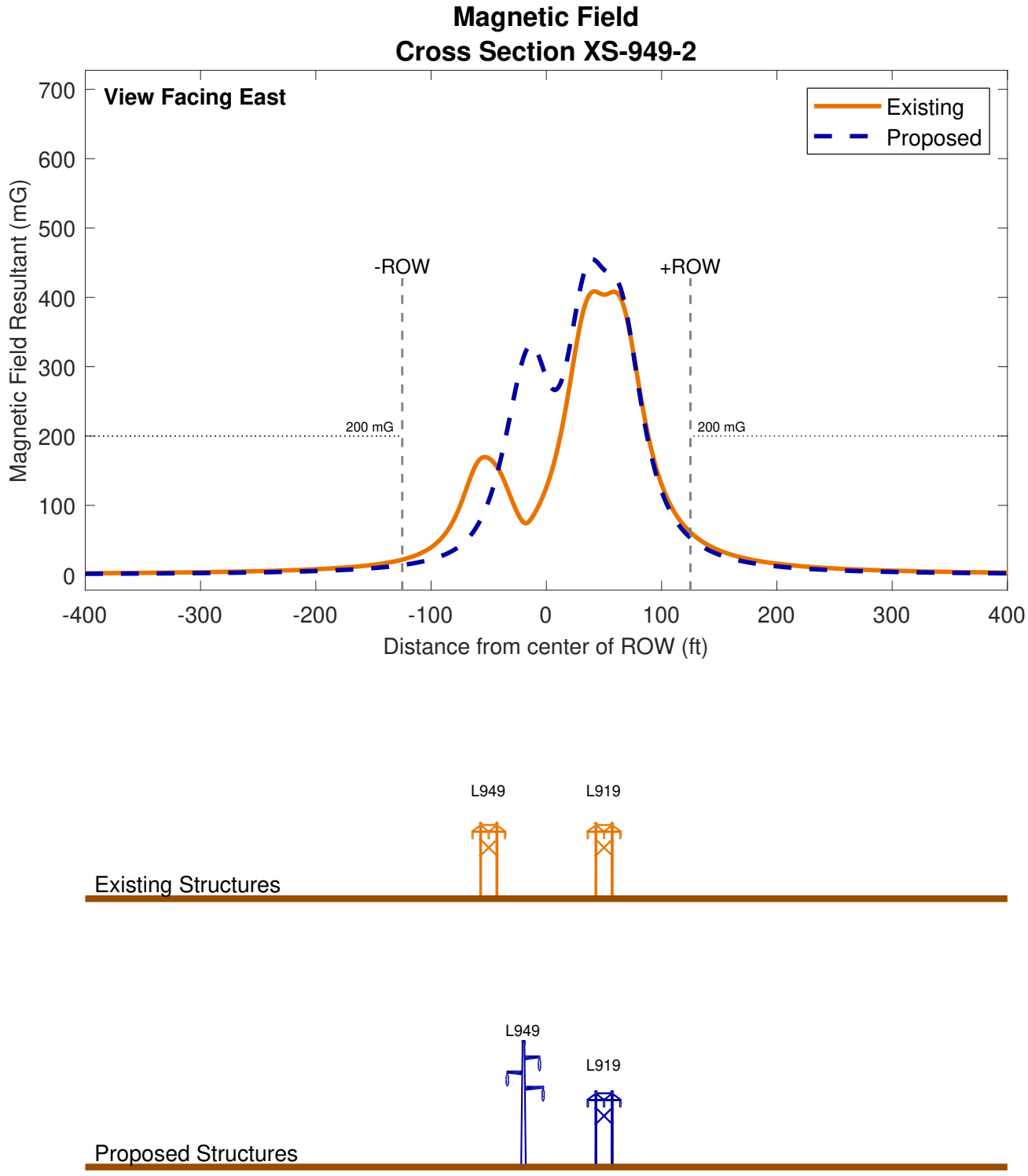


Figure B-26. Calculated AC magnetic-field profile along XS-949-2 (Segment 24)

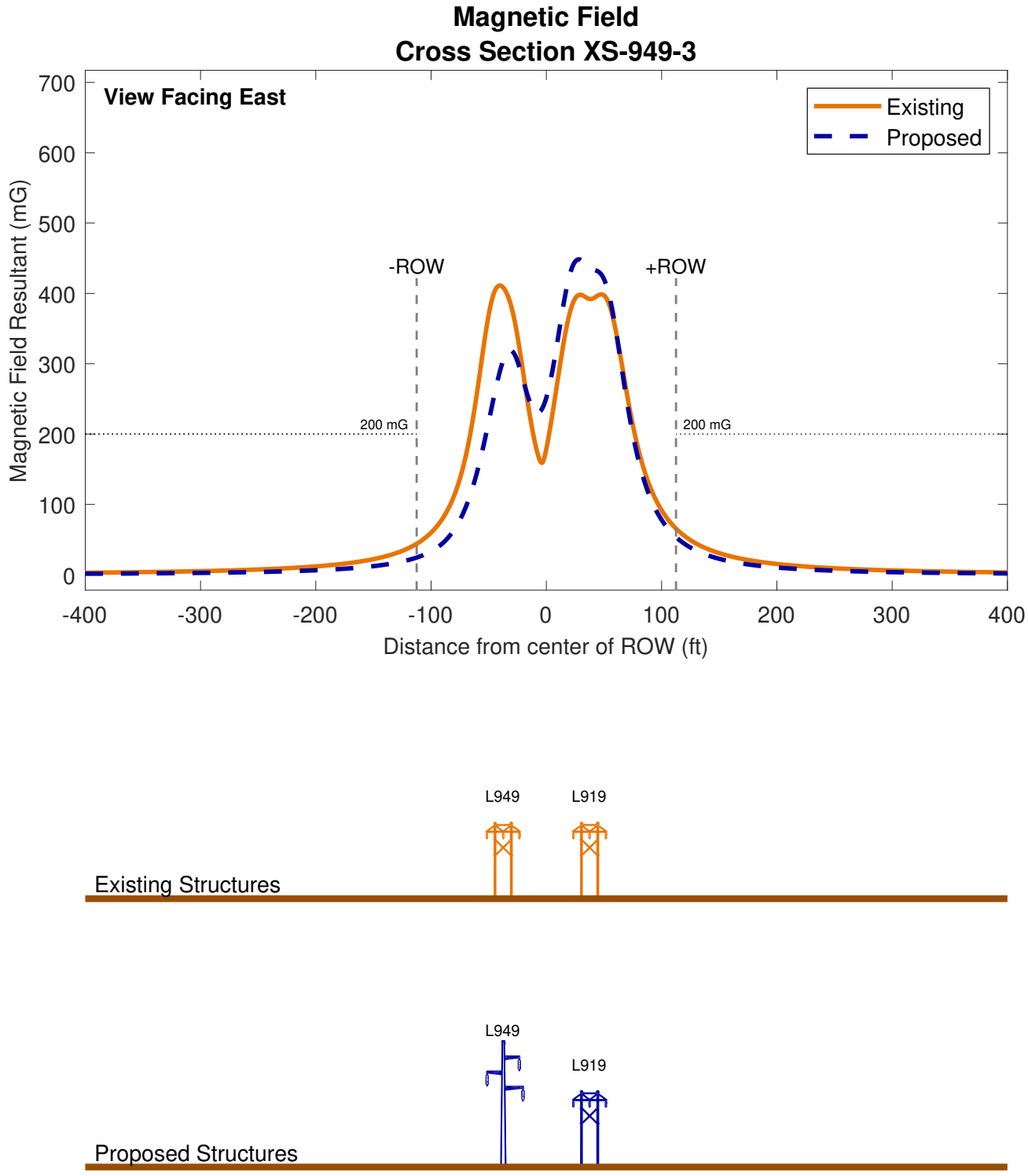


Figure B-27. Calculated AC magnetic-field profile along XS-949-3 (Segment 25)

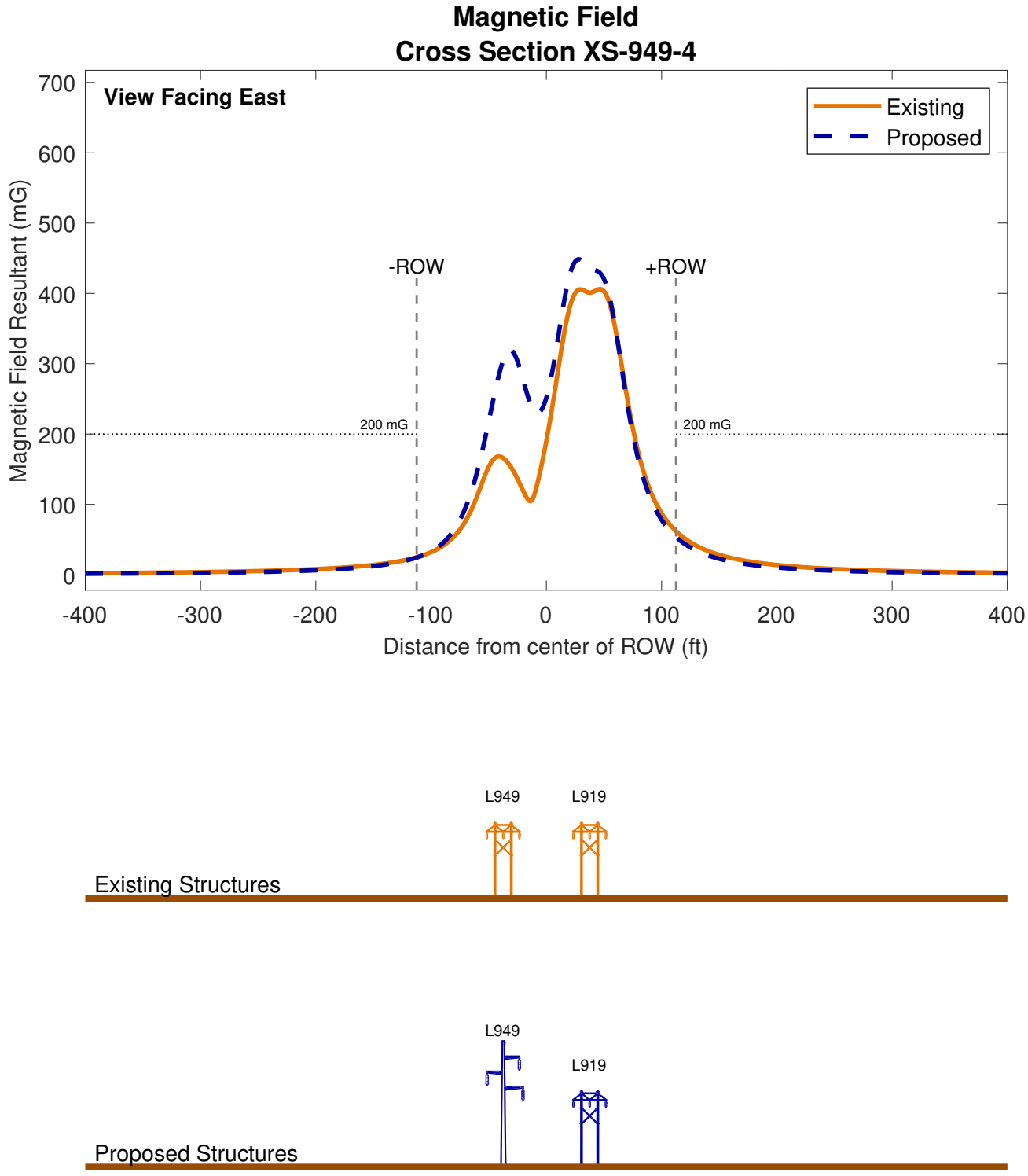


Figure B-28. Calculated AC magnetic-field profile along XS-949-4 (Segment 26)

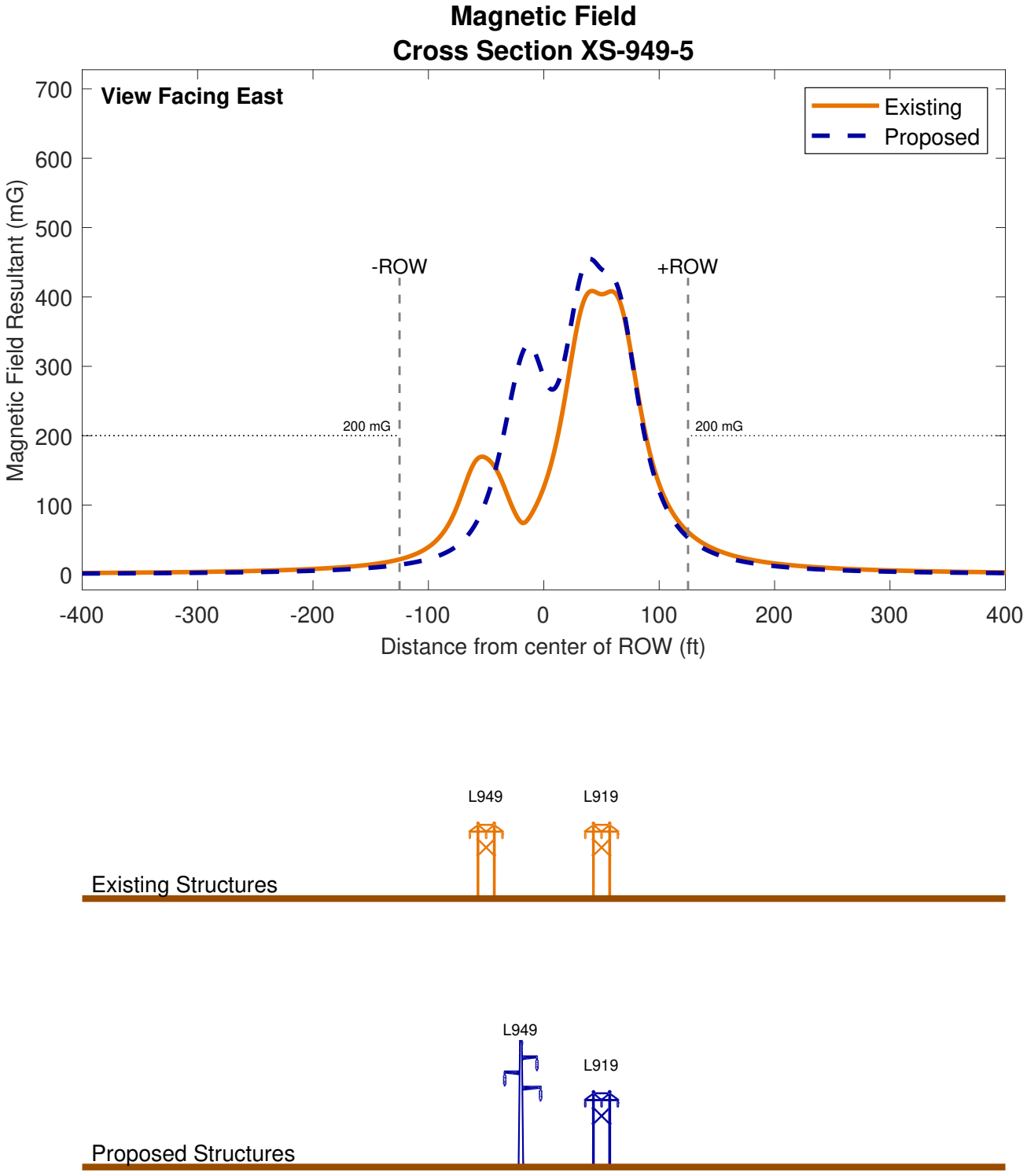


Figure B-29. Calculated AC magnetic-field profile along XS-949-5 (Segment 28)

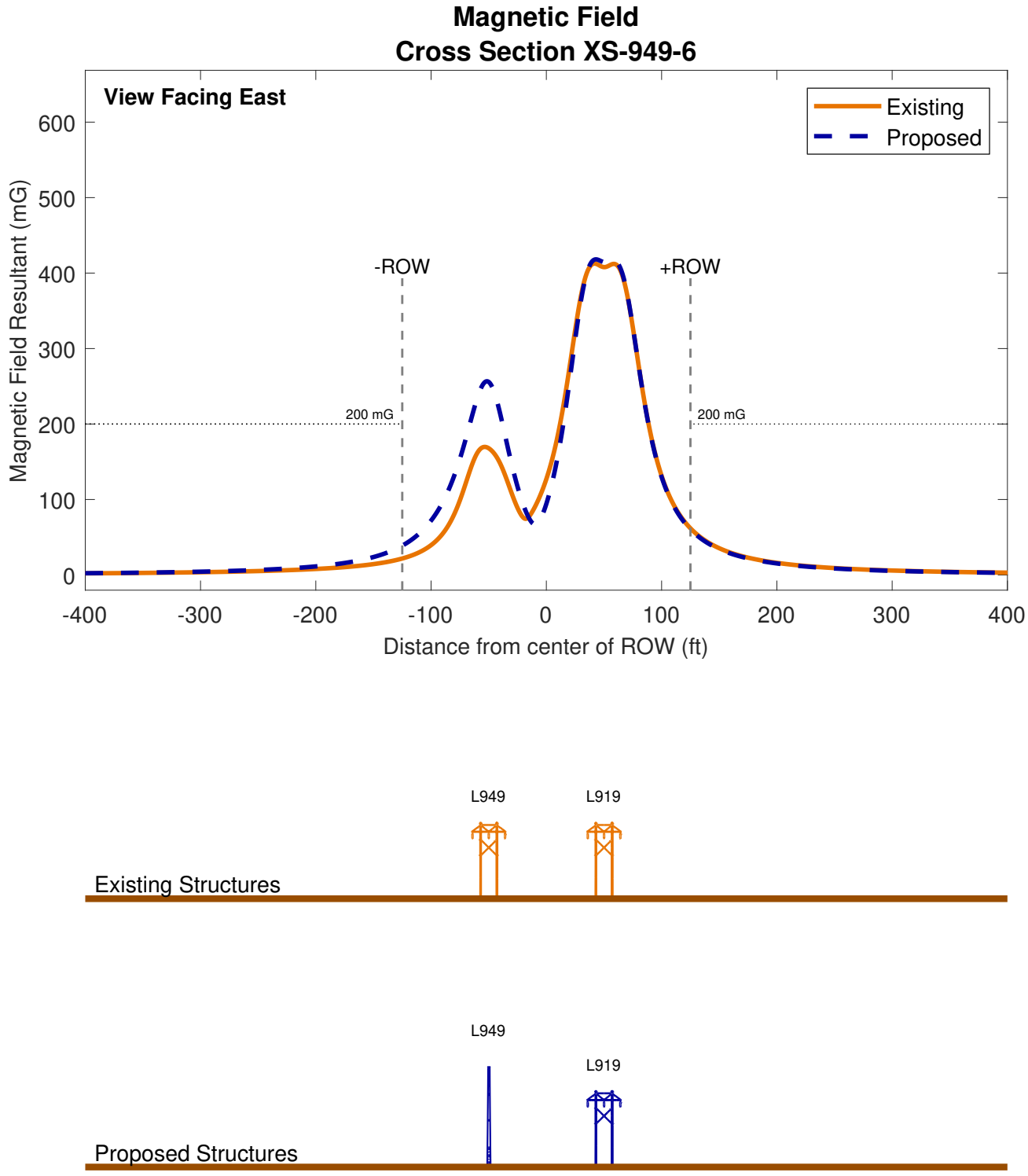


Figure B-30. Calculated AC magnetic-field profile along XS-949-6 (Segment 27)

Critical Energy/Electric Infrastructure Information (CEII) Has Been Redacted From This Document

Appendix C

Input Data Used for Calculations

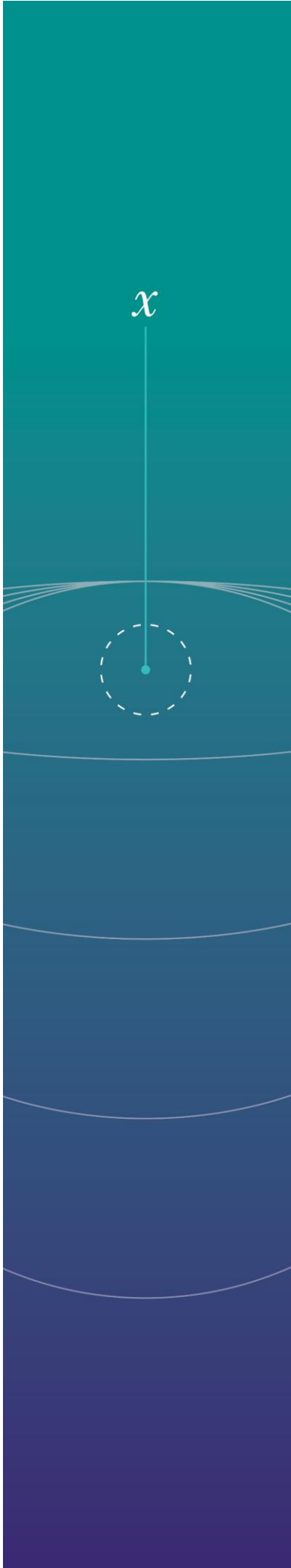


Table C-1. Input data for EMF existing calculations, XS-946-1 (Segments 2, 3, 5, 7, 8, 11, 13, 15, 16, 17)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	11.75	22.00	1	0.570	0	[redacted]				
2	-11.75	22.00	1	0.570	0					
3	0.00	22.00	1	0.570	0					
4	-6.70	33.50	1	0.390	0					
5	6.70	33.50	1	0.390	0					

Table C-2. Input data for EMF proposed calculations, XS-946-1 (Segments 2, 3, 5, 7, 8, 11, 13, 15, 16, 17)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	23.90	33.00	1	1.302	0	[redacted]				
2	36.10	25.00	1	1.302	0					
3	36.10	41.00	1	1.302	0					
4	30.75	50.10	1	0.583	0					

Table C-3. Input data for EMF existing calculations, XS-946-2 (Segments 4, 9), No Existing Lines

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table C-4. Input data for EMF proposed calculations, XS-946-2 (Segments 4, 9)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	0.00	37.00	1	1.302	0	[redacted]				
2	0.00	25.00	1	1.302	0					
3	0.00	49.00	1	1.302	0					
4	0.00	59.25	1	0.583	0					

Table C-5. Input data for EMF existing calculations, XS-946-3 (Segment 6, 14), No Existing Lines

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table C-6. Input data for EMF proposed calculations, XS-946-3 (Segment 6, 14)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-6.10	33.00	1	1.302	0	[redacted]				
2	6.10	25.00	1	1.302	0					
3	6.10	41.00	1	1.302	0					
4	0.75	50.10	1	0.583	0					

Table C-7. Input data for EMF existing calculations, XS-946-4 (Segment 12)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	11.75	22.00	1	0.570	0	[redacted]				
2	-11.75	22.00	1	0.570	0					
3	0.00	22.00	1	0.570	0					
4	-6.70	33.50	1	0.390	0					
5	6.70	33.50	1	0.390	0					

Table C-8. Input data for EMF proposed calculations, XS-946-4 (Segment 12)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-23.90	36.00	1	1.302	0	[redacted]				
2	-23.90	25.00	1	1.302	0					
3	-23.90	47.00	1	1.302	0					
4	-29.20	55.20	1	0.583	0					

Table C-9. Input data for EMF existing calculations, XS-946-5 (Segment 10), No Existing Lines

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table C-10. Input data for EMF proposed calculations, XS-946-5 (Segment 10)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	50.00	37.00	1	1.302	0	[redacted]				
2	50.00	25.00	1	1.302	0					
3	50.00	49.00	1	1.302	0					
4	50.00	59.25	1	0.583	0					

Table C-11. Input data for EMF existing calculations, XS-946-6 (Segments 18, 19, 20)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-144.50	24.50	1	1.212	0	[redacted]				
2	-125.00	24.50	1	1.212	0					
3	-105.50	24.50	1	1.212	0					
4	-134.75	39.50	1	0.438	0					
5	-115.25	39.50	1	0.438	0					
6	-15.50	22.00	1	0.570	0					
7	-15.50	46.00	1	0.570	0					
8	-12.50	34.00	1	0.570	0					
9	-17.50	58.00	1	0.390	0					
10	86.75	22.00	1	0.570	0					
11	63.25	22.00	1	0.570	0					
12	75.00	22.00	1	0.570	0					
13	68.30	33.50	1	0.390	0					
14	81.70	33.50	1	0.390	0					

Table C-12. Input data for EMF proposed calculations, XS-946-6 (Segments 18, 19, 20)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-144.50	24.50	1	1.212	0					
2	-125.00	24.50	1	1.212	0					
3	-105.50	24.50	1	1.212	0					
4	-134.75	39.50	1	0.438	0					
5	-115.25	39.50	1	0.438	0					
6	-48.00	33.00	1	1.302	0					
7	-62.00	41.00	1	1.302	0					
8	-63.70	25.00	1	1.302	0					
9	-55.75	52.70	1	0.583	0					
10	98.90	33.00	1	1.302	0					
11	111.10	25.00	1	1.302	0					
12	111.10	41.00	1	1.302	0					
13	105.75	50.10	1	0.583	0					

Table C-13. Input data for EMF existing calculations, XS-J-1 (Segment 31)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-240.08	24.50	1	1.212	0					
2	-220.58	24.50	1	1.212	0					
3	-201.08	24.50	1	1.212	0					
4	-230.33	39.50	1	0.438	0					
5	-210.83	39.50	1	0.438	0					
6	-111.08	22.00	1	0.814	0					
7	-130.08	22.00	1	0.814	0					
8	-114.58	32.50	1	0.814	0					
9	-120.58	44.00	1	0.375	0					
10	166.17	22.00	1	0.883	0					
11	154.42	22.00	1	0.883	0					
12	142.67	22.00	1	0.883	0					
13	148.42	31.00	1	0.390	0					
14	160.42	31.00	1	0.390	0					

Table C-14. Input data for EMF proposed calculations, XS-J-1 (Segment 31)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-240.08	24.50	1	1.212	0					
2	-220.58	24.50	1	1.212	0					
3	-201.08	24.50	1	1.212	0					
4	-230.33	39.50	1	0.438	0					
5	-210.83	39.50	1	0.438	0					
6	-143.58	33.00	1	1.302	0					
7	-157.58	41.00	1	1.302	0					
8	-159.28	25.00	1	1.302	0					
9	-151.33	52.70	1	0.583	0					
10	236.42	37.00	1	1.302	0					
11	236.42	25.00	1	1.302	0					
12	236.42	49.00	1	1.302	0					
13	236.42	59.25	1	0.583	0					

Table C-15. Input data for EMF existing calculations, XS-J-2 (Segment 32)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-240.08	24.50	1	1.212	0					
2	-220.58	24.50	1	1.212	0					
3	-201.08	24.50	1	1.212	0					
4	-230.33	39.50	1	0.438	0					
5	-210.83	39.50	1	0.438	0					
6	-111.08	22.00	1	0.814	0					
7	-130.08	22.00	1	0.814	0					
8	-114.58	32.50	1	0.814	0					
9	-121.08	44.00	1	0.375	0					
10	166.17	22.00	1	0.883	0					
11	154.42	22.00	1	0.883	0					
12	142.67	22.00	1	0.883	0					
13	147.72	33.50	1	0.390	0					
14	161.12	33.50	1	0.390	0					

Table C-16. Input data for EMF proposed calculations, XS-J-2 (Segment 32)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-240.08	24.50	1	1.212	0	[redacted]				
2	-220.58	24.50	1	1.212	0					
3	-201.08	24.50	1	1.212	0					
4	-230.33	39.50	1	0.438	0					
5	-210.83	39.50	1	0.438	0					
6	-143.58	33.00	1	1.302	0					
7	-157.58	41.00	1	1.302	0					
8	-159.28	25.00	1	1.302	0					
9	-151.33	52.70	1	0.583	0					
10	178.32	33.00	1	1.302	0					
11	190.52	25.00	1	1.302	0					
12	190.52	41.00	1	1.302	0					
13	185.17	50.10	1	0.583	0					

Table C-17. Input data for EMF existing calculations, XS-J-3 (Segments 33, 34)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-207.00	24.50	1	1.212	0	[redacted]				
2	-187.50	24.50	1	1.212	0					
3	-168.00	24.50	1	1.212	0					
4	-197.25	39.50	1	0.438	0					
5	-177.75	39.50	1	0.438	0					
6	199.25	22.00	1	0.883	0					
7	187.50	22.00	1	0.883	0					
8	175.75	22.00	1	0.883	0					
9	180.80	33.50	1	0.390	0					
10	194.20	33.50	1	0.390	0					

Table C-18. Input data for EMF proposed calculations, XS-J-3 (Segment 33, 34)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-207.00	24.50	1	1.212	0	[redacted]				
2	-187.50	24.50	1	1.212	0					
3	-168.00	24.50	1	1.212	0					
4	-197.25	39.50	1	0.438	0					
5	-177.75	39.50	1	0.438	0					
6	-128.60	41.00	1	1.302	0					
7	-116.40	33.00	1	1.302	0					
8	-128.60	25.00	1	1.302	0					
9	-123.25	50.10	1	0.583	0					
10	151.40	33.00	1	1.302	0					
11	163.60	41.00	1	1.302	0					
12	163.60	25.00	1	1.302	0					
13	158.25	50.10	1	0.583	0					
14	211.40	33.00	1	1.302	0					
15	223.60	25.00	1	1.302	0					
16	223.60	41.00	1	1.302	0					
17	218.25	50.10	1	0.583	0					

Table C-19. Input data for EMF existing calculations, XS-949-1 (Segment 23)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-86.75	22.00	1	0.570	0	[redacted]				
2	-63.25	22.00	1	0.570	0					
3	-75.00	22.00	1	0.570	0					
4	-81.70	33.50	1	0.390	0					
5	-68.30	33.50	1	0.390	0					
6	15.50	22.00	1	0.570	0					
7	15.50	46.00	1	0.570	0					
8	12.50	34.00	1	0.570	0					
9	17.50	58.00	1	0.390	0					
10	144.50	24.50	1	1.212	0					
11	125.00	24.50	1	1.212	0					
12	105.50	24.50	1	1.212	0					
13	115.25	39.50	1	0.438	0					
14	134.75	39.50	1	0.438	0					

Table C-20. Input data for EMF proposed calculations, XS-949-1 (Segment 23)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-98.90	33.00	1	1.302	0					
2	-111.10	25.00	1	1.302	0					
3	-111.10	41.00	1	1.302	0					
4	-105.75	50.10	1	0.583	0					
5	48.00	33.00	1	1.302	0					
6	62.00	41.00	1	1.302	0					
7	63.70	25.00	1	1.302	0					
8	55.75	52.70	1	0.583	0					
9	144.50	24.50	1	1.212	0					
10	125.00	24.50	1	1.212	0					
11	105.50	24.50	1	1.212	0					
12	115.25	39.50	1	0.438	0					
13	134.75	39.50	1	0.438	0					

Table C-21. Input data for EMF existing calculations, XS-949-2 (Segment 24)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-37.75	22.00	1	0.570	0					
2	-62.25	22.00	1	0.570	0					
3	-50.00	22.00	1	0.570	0					
4	-56.12	34.80	1	0.390	0					
5	-43.88	34.80	1	0.390	0					
6	69.50	24.50	1	1.212	0					
7	50.00	24.50	1	1.212	0					
8	30.50	24.50	1	1.212	0					
9	40.25	39.50	1	0.438	0					
10	59.75	39.50	1	0.438	0					

Table C-22. Input data for EMF proposed calculations, XS-949-2 (Segment 24)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-27.00	33.00	1	1.302	0					
2	-13.00	41.00	1	1.302	0					
3	-11.30	25.00	1	1.302	0					
4	-19.25	52.70	1	0.583	0					
5	69.50	24.50	1	1.212	0					
6	50.00	24.50	1	1.212	0					
7	30.50	24.50	1	1.212	0					
8	40.25	39.50	1	0.438	0					
9	59.75	39.50	1	0.438	0					

Table C-23. Input data for EMF existing calculations, XS-949-3 (Segment 25)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-25.25	22.00	1	1.212	0					
2	-49.75	22.00	1	1.212	0					
3	-37.50	22.00	1	1.212	0					
4	-43.62	34.80	1	0.438	0					
5	-31.38	34.80	1	0.438	0					
6	57.00	24.50	1	1.212	0					
7	37.50	24.50	1	1.212	0					
8	18.00	24.50	1	1.212	0					
9	27.75	39.50	1	0.438	0					
10	47.25	39.50	1	0.438	0					

Table C-24. Input data for EMF proposed calculations, XS-949-3 (Segment 25)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-44.50	33.00	1	1.302	0					
2	-30.50	41.00	1	1.302	0					
3	-28.80	25.00	1	1.302	0					
4	-36.75	52.70	1	0.583	0					
5	57.00	24.50	1	1.212	0					
6	37.50	24.50	1	1.212	0					
7	18.00	24.50	1	1.212	0					
8	27.75	39.50	1	0.438	0					
9	47.25	39.50	1	0.438	0					

Table C-25. Input data for EMF existing calculations, XS-949-4 (Segment 26)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-25.25	22.00	1	0.570	0					
2	-49.75	22.00	1	0.570	0					
3	-37.50	22.00	1	0.570	0					
4	-43.62	34.80	1	0.390	0					
5	-31.38	34.80	1	0.390	0					
6	57.00	24.50	1	1.212	0					
7	37.50	24.50	1	1.212	0					
8	18.00	24.50	1	1.212	0					
9	27.75	39.50	1	0.438	0					
10	47.25	39.50	1	0.438	0					

Table C-26. Input data for EMF proposed calculations, XS-949-4 (Segment 26)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-44.50	33.00	1	1.302	0					
2	-30.50	41.00	1	1.302	0					
3	-28.80	25.00	1	1.302	0					
4	-36.75	52.70	1	0.583	0					
5	57.00	24.50	1	1.212	0					
6	37.50	24.50	1	1.212	0					
7	18.00	24.50	1	1.212	0					
8	27.75	39.50	1	0.438	0					
9	47.25	39.50	1	0.438	0					

Table C-27. Input data for EMF existing calculations, XS-949-5 (Segment 28)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-37.75	22.00	1	0.570	0					
2	-62.25	22.00	1	0.570	0					
3	-50.00	22.00	1	0.570	0					
4	-56.12	34.80	1	0.390	0					
5	-43.88	34.80	1	0.390	0					
6	69.50	24.50	1	1.212	0					
7	50.00	24.50	1	1.212	0					
8	30.50	24.50	1	1.212	0					
9	40.25	39.50	1	0.438	0					
10	59.75	39.50	1	0.438	0					

Table C-28. Input data for EMF proposed calculations, XS-949-5 (Segment 28)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-27.00	33.00	1	1.302	0					
2	-13.00	41.00	1	1.302	0					
3	-11.30	25.00	1	1.302	0					
4	-19.25	52.70	1	0.583	0					
5	69.50	24.50	1	1.212	0					
6	50.00	24.50	1	1.212	0					
7	30.50	24.50	1	1.212	0					
8	40.25	39.50	1	0.438	0					
9	59.75	39.50	1	0.438	0					

Table C-29. Input data for EMF existing calculations, XS-949-6 (Segment 27)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-37.75	22.00	1	0.570	0	[redacted]				
2	-62.25	22.00	1	0.570	0					
3	-50.00	22.00	1	0.570	0					
4	-56.12	34.80	1	0.390	0					
5	-43.88	34.80	1	0.390	0					
6	69.50	24.50	1	1.212	0					
7	50.00	24.50	1	1.212	0					
8	30.50	24.50	1	1.212	0					
9	40.25	39.50	1	0.438	0					
10	59.75	39.50	1	0.438	0					

Table C-30. Input data for EMF proposed calculations, XS-949-6 (Segment 27)

Bundle	x-feet	y-feet	n cond	cond dia (inches)	Spacing (inches)	l-n voltage (kV)	V Phasing	Current (A)	Ph-Ph Voltage	I Phasing
1	-50.00	37.00	1	1.302	0	[redacted]				
2	-50.00	49.00	1	1.302	0					
3	-50.00	25.00	1	1.302	0					
4	-50.00	59.25	1	0.583	0					
5	69.50	24.50	1	1.212	0					
6	50.00	24.50	1	1.212	0					
7	30.50	24.50	1	1.212	0					
8	40.25	39.50	1	0.438	0					
9	59.75	39.50	1	0.438	0					

Appendix D

Output Tables of EMF Calculations

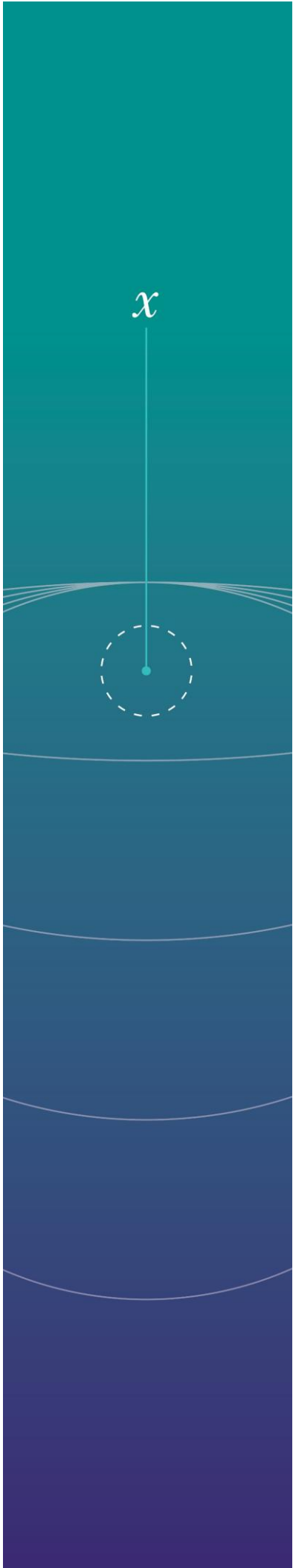


Table D-1. Calculated EMF levels for XS-946-1 through XS-946-2

	XS-946-1 Existing		XS-946-1 Proposed		XS-946-2 Existing		XS-946-2 Proposed	
Dist (feet)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)
-500	0.3	<0.1	0.5	<0.1	N/A	N/A	0.9	<0.1
-499	0.3	<0.1	0.5	<0.1	N/A	N/A	0.9	<0.1
-498	0.3	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-497	0.3	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-496	0.3	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-495	0.3	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-494	0.3	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-493	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-492	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-491	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-490	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-489	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-488	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-487	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-486	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-485	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-484	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-483	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-482	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-481	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-480	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-479	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-478	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-477	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-476	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-475	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-474	0.4	<0.1	0.6	<0.1	N/A	N/A	1.0	<0.1
-473	0.4	<0.1	0.6	<0.1	N/A	N/A	1.1	<0.1
-472	0.4	<0.1	0.6	<0.1	N/A	N/A	1.1	<0.1
-471	0.4	<0.1	0.6	<0.1	N/A	N/A	1.1	<0.1
-470	0.4	<0.1	0.6	<0.1	N/A	N/A	1.1	<0.1
-469	0.4	<0.1	0.6	<0.1	N/A	N/A	1.1	<0.1
-468	0.4	<0.1	0.6	<0.1	N/A	N/A	1.1	<0.1
-467	0.4	<0.1	0.6	<0.1	N/A	N/A	1.1	<0.1
-466	0.4	<0.1	0.6	<0.1	N/A	N/A	1.1	<0.1
-465	0.4	<0.1	0.6	<0.1	N/A	N/A	1.1	<0.1
-464	0.4	<0.1	0.6	<0.1	N/A	N/A	1.1	<0.1
-463	0.4	<0.1	0.6	<0.1	N/A	N/A	1.1	<0.1
-462	0.4	<0.1	0.6	<0.1	N/A	N/A	1.1	<0.1
-461	0.4	<0.1	0.6	<0.1	N/A	N/A	1.1	<0.1
-460	0.4	<0.1	0.6	<0.1	N/A	N/A	1.1	<0.1
-459	0.4	<0.1	0.6	<0.1	N/A	N/A	1.1	<0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
-458	0.4	<0.1	0.6	<0.1	N/A	N/A	1.1	<0.1
-457	0.4	<0.1	0.6	<0.1	N/A	N/A	1.1	<0.1
-456	0.4	<0.1	0.6	<0.1	N/A	N/A	1.1	<0.1
-455	0.4	<0.1	0.7	<0.1	N/A	N/A	1.1	<0.1
-454	0.4	<0.1	0.7	<0.1	N/A	N/A	1.1	<0.1
-453	0.4	<0.1	0.7	<0.1	N/A	N/A	1.1	<0.1
-452	0.4	<0.1	0.7	<0.1	N/A	N/A	1.2	<0.1
-451	0.4	<0.1	0.7	<0.1	N/A	N/A	1.2	<0.1
-450	0.4	<0.1	0.7	<0.1	N/A	N/A	1.2	<0.1
-449	0.4	<0.1	0.7	<0.1	N/A	N/A	1.2	<0.1
-448	0.4	<0.1	0.7	<0.1	N/A	N/A	1.2	<0.1
-447	0.4	<0.1	0.7	<0.1	N/A	N/A	1.2	<0.1
-446	0.4	<0.1	0.7	<0.1	N/A	N/A	1.2	<0.1
-445	0.4	<0.1	0.7	<0.1	N/A	N/A	1.2	<0.1
-444	0.4	<0.1	0.7	<0.1	N/A	N/A	1.2	<0.1
-443	0.4	<0.1	0.7	<0.1	N/A	N/A	1.2	<0.1
-442	0.4	<0.1	0.7	<0.1	N/A	N/A	1.2	<0.1
-441	0.4	<0.1	0.7	<0.1	N/A	N/A	1.2	<0.1
-440	0.4	<0.1	0.7	<0.1	N/A	N/A	1.2	<0.1
-439	0.4	<0.1	0.7	<0.1	N/A	N/A	1.2	<0.1
-438	0.4	<0.1	0.7	<0.1	N/A	N/A	1.2	<0.1
-437	0.4	<0.1	0.7	<0.1	N/A	N/A	1.2	<0.1
-436	0.4	<0.1	0.7	<0.1	N/A	N/A	1.2	<0.1
-435	0.5	<0.1	0.7	<0.1	N/A	N/A	1.2	<0.1
-434	0.5	<0.1	0.7	<0.1	N/A	N/A	1.2	<0.1
-433	0.5	<0.1	0.7	<0.1	N/A	N/A	1.3	<0.1
-432	0.5	<0.1	0.7	<0.1	N/A	N/A	1.3	<0.1
-431	0.5	<0.1	0.7	<0.1	N/A	N/A	1.3	<0.1
-430	0.5	<0.1	0.7	<0.1	N/A	N/A	1.3	<0.1
-429	0.5	<0.1	0.7	<0.1	N/A	N/A	1.3	<0.1
-428	0.5	<0.1	0.7	<0.1	N/A	N/A	1.3	<0.1
-427	0.5	<0.1	0.7	<0.1	N/A	N/A	1.3	<0.1
-426	0.5	<0.1	0.7	<0.1	N/A	N/A	1.3	<0.1
-425	0.5	<0.1	0.7	<0.1	N/A	N/A	1.3	<0.1
-424	0.5	<0.1	0.7	<0.1	N/A	N/A	1.3	<0.1
-423	0.5	<0.1	0.7	<0.1	N/A	N/A	1.3	<0.1
-422	0.5	<0.1	0.7	<0.1	N/A	N/A	1.3	<0.1
-421	0.5	<0.1	0.8	<0.1	N/A	N/A	1.3	<0.1
-420	0.5	<0.1	0.8	<0.1	N/A	N/A	1.3	<0.1
-419	0.5	<0.1	0.8	<0.1	N/A	N/A	1.3	<0.1
-418	0.5	<0.1	0.8	<0.1	N/A	N/A	1.3	<0.1
-417	0.5	<0.1	0.8	<0.1	N/A	N/A	1.4	<0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
-416	0.5	<0.1	0.8	<0.1	N/A	N/A	1.4	<0.1
-415	0.5	<0.1	0.8	<0.1	N/A	N/A	1.4	<0.1
-414	0.5	<0.1	0.8	<0.1	N/A	N/A	1.4	<0.1
-413	0.5	<0.1	0.8	<0.1	N/A	N/A	1.4	<0.1
-412	0.5	<0.1	0.8	<0.1	N/A	N/A	1.4	<0.1
-411	0.5	<0.1	0.8	<0.1	N/A	N/A	1.4	<0.1
-410	0.5	<0.1	0.8	<0.1	N/A	N/A	1.4	<0.1
-409	0.5	<0.1	0.8	<0.1	N/A	N/A	1.4	<0.1
-408	0.5	<0.1	0.8	<0.1	N/A	N/A	1.4	<0.1
-407	0.5	<0.1	0.8	<0.1	N/A	N/A	1.4	<0.1
-406	0.5	<0.1	0.8	<0.1	N/A	N/A	1.4	<0.1
-405	0.5	<0.1	0.8	<0.1	N/A	N/A	1.4	<0.1
-404	0.5	<0.1	0.8	<0.1	N/A	N/A	1.4	<0.1
-403	0.5	<0.1	0.8	<0.1	N/A	N/A	1.4	<0.1
-402	0.5	<0.1	0.8	<0.1	N/A	N/A	1.5	<0.1
-401	0.5	<0.1	0.8	<0.1	N/A	N/A	1.5	<0.1
-400	0.5	<0.1	0.8	<0.1	N/A	N/A	1.5	<0.1
-399	0.5	<0.1	0.8	<0.1	N/A	N/A	1.5	<0.1
-398	0.5	<0.1	0.8	<0.1	N/A	N/A	1.5	<0.1
-397	0.5	<0.1	0.8	<0.1	N/A	N/A	1.5	<0.1
-396	0.5	<0.1	0.8	<0.1	N/A	N/A	1.5	<0.1
-395	0.5	<0.1	0.8	<0.1	N/A	N/A	1.5	<0.1
-394	0.5	<0.1	0.8	<0.1	N/A	N/A	1.5	<0.1
-393	0.6	<0.1	0.9	<0.1	N/A	N/A	1.5	<0.1
-392	0.6	<0.1	0.9	<0.1	N/A	N/A	1.5	<0.1
-391	0.6	<0.1	0.9	<0.1	N/A	N/A	1.5	<0.1
-390	0.6	<0.1	0.9	<0.1	N/A	N/A	1.5	<0.1
-389	0.6	<0.1	0.9	<0.1	N/A	N/A	1.6	<0.1
-388	0.6	<0.1	0.9	<0.1	N/A	N/A	1.6	<0.1
-387	0.6	<0.1	0.9	<0.1	N/A	N/A	1.6	<0.1
-386	0.6	<0.1	0.9	<0.1	N/A	N/A	1.6	<0.1
-385	0.6	<0.1	0.9	<0.1	N/A	N/A	1.6	<0.1
-384	0.6	<0.1	0.9	<0.1	N/A	N/A	1.6	<0.1
-383	0.6	<0.1	0.9	<0.1	N/A	N/A	1.6	<0.1
-382	0.6	<0.1	0.9	<0.1	N/A	N/A	1.6	<0.1
-381	0.6	<0.1	0.9	<0.1	N/A	N/A	1.6	<0.1
-380	0.6	<0.1	0.9	<0.1	N/A	N/A	1.6	<0.1
-379	0.6	<0.1	0.9	<0.1	N/A	N/A	1.6	<0.1
-378	0.6	<0.1	0.9	<0.1	N/A	N/A	1.6	<0.1
-377	0.6	<0.1	0.9	<0.1	N/A	N/A	1.7	<0.1
-376	0.6	<0.1	0.9	<0.1	N/A	N/A	1.7	<0.1
-375	0.6	<0.1	0.9	<0.1	N/A	N/A	1.7	<0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
-374	0.6	<0.1	0.9	<0.1	N/A	N/A	1.7	<0.1
-373	0.6	<0.1	0.9	<0.1	N/A	N/A	1.7	<0.1
-372	0.6	<0.1	0.9	<0.1	N/A	N/A	1.7	<0.1
-371	0.6	<0.1	0.9	<0.1	N/A	N/A	1.7	<0.1
-370	0.6	<0.1	1.0	<0.1	N/A	N/A	1.7	<0.1
-369	0.6	<0.1	1.0	<0.1	N/A	N/A	1.7	<0.1
-368	0.6	<0.1	1.0	<0.1	N/A	N/A	1.7	<0.1
-367	0.6	<0.1	1.0	<0.1	N/A	N/A	1.7	<0.1
-366	0.6	<0.1	1.0	<0.1	N/A	N/A	1.8	<0.1
-365	0.6	<0.1	1.0	<0.1	N/A	N/A	1.8	<0.1
-364	0.6	<0.1	1.0	<0.1	N/A	N/A	1.8	<0.1
-363	0.6	<0.1	1.0	<0.1	N/A	N/A	1.8	<0.1
-362	0.7	<0.1	1.0	<0.1	N/A	N/A	1.8	<0.1
-361	0.7	<0.1	1.0	<0.1	N/A	N/A	1.8	<0.1
-360	0.7	<0.1	1.0	<0.1	N/A	N/A	1.8	<0.1
-359	0.7	<0.1	1.0	<0.1	N/A	N/A	1.8	<0.1
-358	0.7	<0.1	1.0	<0.1	N/A	N/A	1.8	<0.1
-357	0.7	<0.1	1.0	<0.1	N/A	N/A	1.8	<0.1
-356	0.7	<0.1	1.0	<0.1	N/A	N/A	1.9	<0.1
-355	0.7	<0.1	1.0	<0.1	N/A	N/A	1.9	<0.1
-354	0.7	<0.1	1.0	<0.1	N/A	N/A	1.9	<0.1
-353	0.7	<0.1	1.0	<0.1	N/A	N/A	1.9	<0.1
-352	0.7	<0.1	1.0	<0.1	N/A	N/A	1.9	<0.1
-351	0.7	<0.1	1.0	<0.1	N/A	N/A	1.9	<0.1
-350	0.7	<0.1	1.1	<0.1	N/A	N/A	1.9	<0.1
-349	0.7	<0.1	1.1	<0.1	N/A	N/A	1.9	<0.1
-348	0.7	<0.1	1.1	<0.1	N/A	N/A	1.9	<0.1
-347	0.7	<0.1	1.1	<0.1	N/A	N/A	1.9	<0.1
-346	0.7	<0.1	1.1	<0.1	N/A	N/A	2.0	<0.1
-345	0.7	<0.1	1.1	<0.1	N/A	N/A	2.0	<0.1
-344	0.7	<0.1	1.1	<0.1	N/A	N/A	2.0	<0.1
-343	0.7	<0.1	1.1	<0.1	N/A	N/A	2.0	<0.1
-342	0.7	<0.1	1.1	<0.1	N/A	N/A	2.0	<0.1
-341	0.7	<0.1	1.1	<0.1	N/A	N/A	2.0	<0.1
-340	0.7	<0.1	1.1	<0.1	N/A	N/A	2.0	<0.1
-339	0.7	<0.1	1.1	<0.1	N/A	N/A	2.0	<0.1
-338	0.7	<0.1	1.1	<0.1	N/A	N/A	2.1	<0.1
-337	0.8	<0.1	1.1	<0.1	N/A	N/A	2.1	<0.1
-336	0.8	<0.1	1.1	<0.1	N/A	N/A	2.1	<0.1
-335	0.8	<0.1	1.1	<0.1	N/A	N/A	2.1	<0.1
-334	0.8	<0.1	1.1	<0.1	N/A	N/A	2.1	<0.1
-333	0.8	<0.1	1.2	<0.1	N/A	N/A	2.1	<0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
-332	0.8	<0.1	1.2	<0.1	N/A	N/A	2.1	<0.1
-331	0.8	<0.1	1.2	<0.1	N/A	N/A	2.1	<0.1
-330	0.8	<0.1	1.2	<0.1	N/A	N/A	2.2	<0.1
-329	0.8	<0.1	1.2	<0.1	N/A	N/A	2.2	<0.1
-328	0.8	<0.1	1.2	<0.1	N/A	N/A	2.2	<0.1
-327	0.8	<0.1	1.2	<0.1	N/A	N/A	2.2	<0.1
-326	0.8	<0.1	1.2	<0.1	N/A	N/A	2.2	<0.1
-325	0.8	<0.1	1.2	<0.1	N/A	N/A	2.2	<0.1
-324	0.8	<0.1	1.2	<0.1	N/A	N/A	2.2	<0.1
-323	0.8	<0.1	1.2	<0.1	N/A	N/A	2.2	<0.1
-322	0.8	<0.1	1.2	<0.1	N/A	N/A	2.3	<0.1
-321	0.8	<0.1	1.2	<0.1	N/A	N/A	2.3	<0.1
-320	0.8	<0.1	1.2	<0.1	N/A	N/A	2.3	<0.1
-319	0.8	<0.1	1.2	<0.1	N/A	N/A	2.3	<0.1
-318	0.8	<0.1	1.3	<0.1	N/A	N/A	2.3	<0.1
-317	0.8	<0.1	1.3	<0.1	N/A	N/A	2.3	<0.1
-316	0.9	<0.1	1.3	<0.1	N/A	N/A	2.3	<0.1
-315	0.9	<0.1	1.3	<0.1	N/A	N/A	2.4	<0.1
-314	0.9	<0.1	1.3	<0.1	N/A	N/A	2.4	<0.1
-313	0.9	<0.1	1.3	<0.1	N/A	N/A	2.4	<0.1
-312	0.9	<0.1	1.3	<0.1	N/A	N/A	2.4	<0.1
-311	0.9	<0.1	1.3	<0.1	N/A	N/A	2.4	<0.1
-310	0.9	<0.1	1.3	<0.1	N/A	N/A	2.4	<0.1
-309	0.9	<0.1	1.3	<0.1	N/A	N/A	2.4	<0.1
-308	0.9	<0.1	1.3	<0.1	N/A	N/A	2.5	<0.1
-307	0.9	<0.1	1.3	<0.1	N/A	N/A	2.5	<0.1
-306	0.9	<0.1	1.3	<0.1	N/A	N/A	2.5	<0.1
-305	0.9	<0.1	1.3	<0.1	N/A	N/A	2.5	<0.1
-304	0.9	<0.1	1.4	<0.1	N/A	N/A	2.5	<0.1
-303	0.9	<0.1	1.4	<0.1	N/A	N/A	2.5	<0.1
-302	0.9	<0.1	1.4	<0.1	N/A	N/A	2.6	<0.1
-301	0.9	<0.1	1.4	<0.1	N/A	N/A	2.6	<0.1
-300	0.9	<0.1	1.4	<0.1	N/A	N/A	2.6	<0.1
-299	1.0	<0.1	1.4	<0.1	N/A	N/A	2.6	<0.1
-298	1.0	<0.1	1.4	<0.1	N/A	N/A	2.6	<0.1
-297	1.0	<0.1	1.4	<0.1	N/A	N/A	2.6	<0.1
-296	1.0	<0.1	1.4	<0.1	N/A	N/A	2.7	<0.1
-295	1.0	<0.1	1.4	<0.1	N/A	N/A	2.7	<0.1
-294	1.0	<0.1	1.4	<0.1	N/A	N/A	2.7	<0.1
-293	1.0	<0.1	1.4	<0.1	N/A	N/A	2.7	<0.1
-292	1.0	<0.1	1.5	<0.1	N/A	N/A	2.7	<0.1
-291	1.0	<0.1	1.5	<0.1	N/A	N/A	2.8	<0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
-290	1.0	<0.1	1.5	<0.1	N/A	N/A	2.8	<0.1
-289	1.0	<0.1	1.5	<0.1	N/A	N/A	2.8	<0.1
-288	1.0	<0.1	1.5	<0.1	N/A	N/A	2.8	<0.1
-287	1.0	<0.1	1.5	<0.1	N/A	N/A	2.8	<0.1
-286	1.0	<0.1	1.5	<0.1	N/A	N/A	2.9	<0.1
-285	1.0	<0.1	1.5	<0.1	N/A	N/A	2.9	<0.1
-284	1.1	<0.1	1.5	<0.1	N/A	N/A	2.9	<0.1
-283	1.1	<0.1	1.5	<0.1	N/A	N/A	2.9	<0.1
-282	1.1	<0.1	1.5	<0.1	N/A	N/A	2.9	<0.1
-281	1.1	<0.1	1.6	<0.1	N/A	N/A	3.0	<0.1
-280	1.1	<0.1	1.6	<0.1	N/A	N/A	3.0	<0.1
-279	1.1	<0.1	1.6	<0.1	N/A	N/A	3.0	<0.1
-278	1.1	<0.1	1.6	<0.1	N/A	N/A	3.0	<0.1
-277	1.1	<0.1	1.6	<0.1	N/A	N/A	3.0	<0.1
-276	1.1	<0.1	1.6	<0.1	N/A	N/A	3.1	<0.1
-275	1.1	<0.1	1.6	<0.1	N/A	N/A	3.1	<0.1
-274	1.1	<0.1	1.6	<0.1	N/A	N/A	3.1	<0.1
-273	1.1	<0.1	1.6	<0.1	N/A	N/A	3.1	<0.1
-272	1.2	<0.1	1.6	<0.1	N/A	N/A	3.1	<0.1
-271	1.2	<0.1	1.7	<0.1	N/A	N/A	3.2	<0.1
-270	1.2	<0.1	1.7	<0.1	N/A	N/A	3.2	<0.1
-269	1.2	<0.1	1.7	<0.1	N/A	N/A	3.2	<0.1
-268	1.2	<0.1	1.7	<0.1	N/A	N/A	3.2	<0.1
-267	1.2	<0.1	1.7	<0.1	N/A	N/A	3.3	<0.1
-266	1.2	<0.1	1.7	<0.1	N/A	N/A	3.3	<0.1
-265	1.2	<0.1	1.7	<0.1	N/A	N/A	3.3	<0.1
-264	1.2	<0.1	1.7	<0.1	N/A	N/A	3.3	<0.1
-263	1.2	<0.1	1.7	<0.1	N/A	N/A	3.4	<0.1
-262	1.2	<0.1	1.8	<0.1	N/A	N/A	3.4	<0.1
-261	1.3	<0.1	1.8	<0.1	N/A	N/A	3.4	<0.1
-260	1.3	<0.1	1.8	<0.1	N/A	N/A	3.4	<0.1
-259	1.3	<0.1	1.8	<0.1	N/A	N/A	3.5	<0.1
-258	1.3	<0.1	1.8	<0.1	N/A	N/A	3.5	<0.1
-257	1.3	<0.1	1.8	<0.1	N/A	N/A	3.5	<0.1
-256	1.3	<0.1	1.8	<0.1	N/A	N/A	3.5	<0.1
-255	1.3	<0.1	1.8	<0.1	N/A	N/A	3.6	<0.1
-254	1.3	<0.1	1.9	<0.1	N/A	N/A	3.6	<0.1
-253	1.3	<0.1	1.9	<0.1	N/A	N/A	3.6	<0.1
-252	1.3	<0.1	1.9	<0.1	N/A	N/A	3.7	<0.1
-251	1.4	<0.1	1.9	<0.1	N/A	N/A	3.7	<0.1
-250	1.4	<0.1	1.9	<0.1	N/A	N/A	3.7	<0.1
-249	1.4	<0.1	1.9	<0.1	N/A	N/A	3.7	<0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
-248	1.4	<0.1	1.9	<0.1	N/A	N/A	3.8	<0.1
-247	1.4	<0.1	1.9	<0.1	N/A	N/A	3.8	<0.1
-246	1.4	<0.1	2.0	<0.1	N/A	N/A	3.8	<0.1
-245	1.4	<0.1	2.0	<0.1	N/A	N/A	3.9	<0.1
-244	1.4	<0.1	2.0	<0.1	N/A	N/A	3.9	<0.1
-243	1.4	<0.1	2.0	<0.1	N/A	N/A	3.9	<0.1
-242	1.5	<0.1	2.0	<0.1	N/A	N/A	4.0	<0.1
-241	1.5	<0.1	2.0	<0.1	N/A	N/A	4.0	<0.1
-240	1.5	<0.1	2.0	<0.1	N/A	N/A	4.0	<0.1
-239	1.5	<0.1	2.1	<0.1	N/A	N/A	4.1	<0.1
-238	1.5	<0.1	2.1	<0.1	N/A	N/A	4.1	<0.1
-237	1.5	<0.1	2.1	<0.1	N/A	N/A	4.1	<0.1
-236	1.5	<0.1	2.1	<0.1	N/A	N/A	4.2	<0.1
-235	1.5	<0.1	2.1	<0.1	N/A	N/A	4.2	<0.1
-234	1.6	<0.1	2.1	<0.1	N/A	N/A	4.2	<0.1
-233	1.6	<0.1	2.2	<0.1	N/A	N/A	4.3	<0.1
-232	1.6	<0.1	2.2	<0.1	N/A	N/A	4.3	<0.1
-231	1.6	<0.1	2.2	<0.1	N/A	N/A	4.3	<0.1
-230	1.6	<0.1	2.2	<0.1	N/A	N/A	4.4	<0.1
-229	1.6	<0.1	2.2	<0.1	N/A	N/A	4.4	<0.1
-228	1.6	<0.1	2.2	<0.1	N/A	N/A	4.4	<0.1
-227	1.7	<0.1	2.3	<0.1	N/A	N/A	4.5	<0.1
-226	1.7	<0.1	2.3	<0.1	N/A	N/A	4.5	<0.1
-225	1.7	<0.1	2.3	<0.1	N/A	N/A	4.6	<0.1
-224	1.7	<0.1	2.3	<0.1	N/A	N/A	4.6	<0.1
-223	1.7	<0.1	2.3	<0.1	N/A	N/A	4.6	<0.1
-222	1.7	<0.1	2.3	<0.1	N/A	N/A	4.7	<0.1
-221	1.7	<0.1	2.4	<0.1	N/A	N/A	4.7	<0.1
-220	1.8	<0.1	2.4	<0.1	N/A	N/A	4.8	<0.1
-219	1.8	<0.1	2.4	<0.1	N/A	N/A	4.8	<0.1
-218	1.8	<0.1	2.4	<0.1	N/A	N/A	4.9	<0.1
-217	1.8	<0.1	2.4	<0.1	N/A	N/A	4.9	<0.1
-216	1.8	<0.1	2.4	<0.1	N/A	N/A	4.9	<0.1
-215	1.8	<0.1	2.5	<0.1	N/A	N/A	5.0	<0.1
-214	1.9	<0.1	2.5	<0.1	N/A	N/A	5.0	<0.1
-213	1.9	<0.1	2.5	<0.1	N/A	N/A	5.1	<0.1
-212	1.9	<0.1	2.5	<0.1	N/A	N/A	5.1	<0.1
-211	1.9	<0.1	2.5	<0.1	N/A	N/A	5.2	<0.1
-210	1.9	<0.1	2.6	<0.1	N/A	N/A	5.2	<0.1
-209	1.9	<0.1	2.6	<0.1	N/A	N/A	5.3	<0.1
-208	2.0	<0.1	2.6	<0.1	N/A	N/A	5.3	<0.1
-207	2.0	<0.1	2.6	<0.1	N/A	N/A	5.4	<0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
-206	2.0	<0.1	2.7	<0.1	N/A	N/A	5.4	<0.1
-205	2.0	<0.1	2.7	<0.1	N/A	N/A	5.5	<0.1
-204	2.0	<0.1	2.7	<0.1	N/A	N/A	5.5	<0.1
-203	2.1	<0.1	2.7	<0.1	N/A	N/A	5.6	<0.1
-202	2.1	<0.1	2.7	<0.1	N/A	N/A	5.6	<0.1
-201	2.1	<0.1	2.8	<0.1	N/A	N/A	5.7	<0.1
-200	2.1	<0.1	2.8	<0.1	N/A	N/A	5.7	<0.1
-199	2.1	<0.1	2.8	<0.1	N/A	N/A	5.8	<0.1
-198	2.2	<0.1	2.8	<0.1	N/A	N/A	5.9	<0.1
-197	2.2	<0.1	2.9	<0.1	N/A	N/A	5.9	<0.1
-196	2.2	<0.1	2.9	<0.1	N/A	N/A	6.0	<0.1
-195	2.2	<0.1	2.9	<0.1	N/A	N/A	6.0	<0.1
-194	2.3	<0.1	2.9	<0.1	N/A	N/A	6.1	<0.1
-193	2.3	<0.1	3.0	<0.1	N/A	N/A	6.2	<0.1
-192	2.3	<0.1	3.0	<0.1	N/A	N/A	6.2	<0.1
-191	2.3	<0.1	3.0	<0.1	N/A	N/A	6.3	<0.1
-190	2.4	<0.1	3.0	<0.1	N/A	N/A	6.3	<0.1
-189	2.4	<0.1	3.1	<0.1	N/A	N/A	6.4	<0.1
-188	2.4	<0.1	3.1	<0.1	N/A	N/A	6.5	<0.1
-187	2.4	<0.1	3.1	<0.1	N/A	N/A	6.5	<0.1
-186	2.5	<0.1	3.1	<0.1	N/A	N/A	6.6	<0.1
-185	2.5	<0.1	3.2	<0.1	N/A	N/A	6.7	<0.1
-184	2.5	<0.1	3.2	<0.1	N/A	N/A	6.7	<0.1
-183	2.5	<0.1	3.2	<0.1	N/A	N/A	6.8	<0.1
-182	2.6	<0.1	3.3	<0.1	N/A	N/A	6.9	<0.1
-181	2.6	<0.1	3.3	<0.1	N/A	N/A	7.0	<0.1
-180	2.6	<0.1	3.3	<0.1	N/A	N/A	7.0	<0.1
-179	2.7	<0.1	3.3	<0.1	N/A	N/A	7.1	<0.1
-178	2.7	<0.1	3.4	<0.1	N/A	N/A	7.2	<0.1
-177	2.7	<0.1	3.4	<0.1	N/A	N/A	7.3	<0.1
-176	2.7	<0.1	3.4	<0.1	N/A	N/A	7.3	<0.1
-175	2.8	<0.1	3.5	<0.1	N/A	N/A	7.4	<0.1
-174	2.8	<0.1	3.5	<0.1	N/A	N/A	7.5	<0.1
-173	2.8	<0.1	3.5	<0.1	N/A	N/A	7.6	<0.1
-172	2.9	<0.1	3.6	<0.1	N/A	N/A	7.7	<0.1
-171	2.9	<0.1	3.6	<0.1	N/A	N/A	7.8	<0.1
-170	2.9	<0.1	3.6	<0.1	N/A	N/A	7.9	<0.1
-169	3.0	<0.1	3.7	<0.1	N/A	N/A	7.9	<0.1
-168	3.0	<0.1	3.7	<0.1	N/A	N/A	8.0	<0.1
-167	3.0	<0.1	3.7	<0.1	N/A	N/A	8.1	<0.1
-166	3.1	<0.1	3.8	<0.1	N/A	N/A	8.2	<0.1
-165	3.1	<0.1	3.8	<0.1	N/A	N/A	8.3	<0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
-164	3.2	<0.1	3.9	<0.1	N/A	N/A	8.4	<0.1
-163	3.2	<0.1	3.9	<0.1	N/A	N/A	8.5	<0.1
-162	3.2	<0.1	3.9	<0.1	N/A	N/A	8.6	<0.1
-161	3.3	<0.1	4.0	<0.1	N/A	N/A	8.7	<0.1
-160	3.3	<0.1	4.0	<0.1	N/A	N/A	8.8	<0.1
-159	3.4	<0.1	4.1	<0.1	N/A	N/A	8.9	<0.1
-158	3.4	<0.1	4.1	<0.1	N/A	N/A	9.0	<0.1
-157	3.4	<0.1	4.1	<0.1	N/A	N/A	9.1	<0.1
-156	3.5	<0.1	4.2	<0.1	N/A	N/A	9.3	<0.1
-155	3.5	<0.1	4.2	<0.1	N/A	N/A	9.4	<0.1
-154	3.6	<0.1	4.3	<0.1	N/A	N/A	9.5	<0.1
-153	3.6	<0.1	4.3	<0.1	N/A	N/A	9.6	<0.1
-152	3.7	<0.1	4.4	<0.1	N/A	N/A	9.7	<0.1
-151	3.7	<0.1	4.4	<0.1	N/A	N/A	9.8	<0.1
-150	3.8	<0.1	4.4	<0.1	N/A	N/A	10.0	<0.1
-149	3.8	<0.1	4.5	<0.1	N/A	N/A	10	<0.1
-148	3.9	<0.1	4.5	<0.1	N/A	N/A	10	<0.1
-147	3.9	<0.1	4.6	<0.1	N/A	N/A	10	<0.1
-146	4.0	<0.1	4.6	<0.1	N/A	N/A	10	<0.1
-145	4.0	<0.1	4.7	<0.1	N/A	N/A	11	<0.1
-144	4.1	<0.1	4.7	<0.1	N/A	N/A	11	<0.1
-143	4.1	<0.1	4.8	<0.1	N/A	N/A	11	<0.1
-142	4.2	<0.1	4.8	<0.1	N/A	N/A	11	<0.1
-141	4.3	<0.1	4.9	<0.1	N/A	N/A	11	<0.1
-140	4.3	<0.1	5.0	<0.1	N/A	N/A	11	<0.1
-139	4.4	<0.1	5.0	<0.1	N/A	N/A	12	<0.1
-138	4.4	<0.1	5.1	<0.1	N/A	N/A	12	<0.1
-137	4.5	<0.1	5.1	<0.1	N/A	N/A	12	<0.1
-136	4.6	<0.1	5.2	<0.1	N/A	N/A	12	<0.1
-135	4.6	<0.1	5.2	<0.1	N/A	N/A	12	<0.1
-134	4.7	<0.1	5.3	<0.1	N/A	N/A	12	<0.1
-133	4.8	<0.1	5.4	<0.1	N/A	N/A	13	<0.1
-132	4.9	<0.1	5.4	<0.1	N/A	N/A	13	<0.1
-131	4.9	<0.1	5.5	<0.1	N/A	N/A	13	<0.1
-130	5.0	<0.1	5.6	<0.1	N/A	N/A	13	<0.1
-129	5.1	<0.1	5.6	<0.1	N/A	N/A	13	<0.1
-128	5.2	<0.1	5.7	<0.1	N/A	N/A	13	<0.1
-127	5.2	<0.1	5.8	<0.1	N/A	N/A	14	<0.1
-126	5.3	<0.1	5.8	<0.1	N/A	N/A	14	<0.1
-125	5.4	<0.1	5.9	<0.1	N/A	N/A	14	<0.1
-124	5.5	<0.1	6.0	<0.1	N/A	N/A	14	<0.1
-123	5.6	<0.1	6.0	<0.1	N/A	N/A	14	<0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
-122	5.7	<0.1	6.1	<0.1	N/A	N/A	15	<0.1
-121	5.8	<0.1	6.2	<0.1	N/A	N/A	15	<0.1
-120	5.9	<0.1	6.3	<0.1	N/A	N/A	15	<0.1
-119	6.0	<0.1	6.4	<0.1	N/A	N/A	15	<0.1
-118	6.1	<0.1	6.4	<0.1	N/A	N/A	16	<0.1
-117	6.2	<0.1	6.5	<0.1	N/A	N/A	16	<0.1
-116	6.3	<0.1	6.6	<0.1	N/A	N/A	16	<0.1
-115	6.4	<0.1	6.7	<0.1	N/A	N/A	16	<0.1
-114	6.5	<0.1	6.8	<0.1	N/A	N/A	17	<0.1
-113	6.6	<0.1	6.9	<0.1	N/A	N/A	17	<0.1
-112	6.7	<0.1	7.0	<0.1	N/A	N/A	17	<0.1
-111	6.8	<0.1	7.0	<0.1	N/A	N/A	17	<0.1
-110	6.9	<0.1	7.1	<0.1	N/A	N/A	18	<0.1
-109	7.1	<0.1	7.2	<0.1	N/A	N/A	18	<0.1
-108	7.2	<0.1	7.3	<0.1	N/A	N/A	18	<0.1
-107	7.3	<0.1	7.4	<0.1	N/A	N/A	19	<0.1
-106	7.5	<0.1	7.5	<0.1	N/A	N/A	19	<0.1
-105	7.6	<0.1	7.7	<0.1	N/A	N/A	19	<0.1
-104	7.8	<0.1	7.8	<0.1	N/A	N/A	20	<0.1
-103	7.9	0.1	7.9	<0.1	N/A	N/A	20	<0.1
-102	8.1	0.1	8.0	<0.1	N/A	N/A	20	0.1
-101	8.2	0.1	8.1	<0.1	N/A	N/A	21	0.1
-100	8.4	0.1	8.2	<0.1	N/A	N/A	21	0.1
-99	8.5	0.1	8.3	<0.1	N/A	N/A	21	0.1
-98	8.7	0.1	8.5	<0.1	N/A	N/A	22	0.1
-97	8.9	0.1	8.6	<0.1	N/A	N/A	22	0.1
-96	9.1	0.1	8.7	<0.1	N/A	N/A	23	0.1
-95	9.3	0.1	8.9	<0.1	N/A	N/A	23	0.1
-94	9.5	0.1	9.0	<0.1	N/A	N/A	23	0.1
-93	9.7	0.1	9.1	<0.1	N/A	N/A	24	0.1
-92	9.9	0.1	9.3	<0.1	N/A	N/A	24	0.1
-91	10	0.1	9.4	<0.1	N/A	N/A	25	0.1
-90	10	0.1	9.6	<0.1	N/A	N/A	25	0.1
-89	11	0.1	9.7	<0.1	N/A	N/A	26	0.1
-88	11	0.1	9.9	<0.1	N/A	N/A	26	0.1
-87	11	0.1	10	<0.1	N/A	N/A	27	0.1
-86	11	0.1	10	<0.1	N/A	N/A	27	0.1
-85	12	0.1	10	<0.1	N/A	N/A	28	0.1
-84	12	0.1	11	<0.1	N/A	N/A	29	0.1
-83	12	0.1	11	0.1	N/A	N/A	29	0.1
-82	12	0.1	11	0.1	N/A	N/A	30	0.1
-81	13	0.1	11	0.1	N/A	N/A	30	0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
-80	13	0.1	11	0.1	N/A	N/A	31	0.1
-79	13	0.1	11	0.1	N/A	N/A	32	0.1
-78	14	0.1	12	0.1	N/A	N/A	32	0.1
-77	14	0.1	12	0.1	N/A	N/A	33	0.1
-76	14	0.1	12	0.1	N/A	N/A	34	0.1
-75	15	0.1	12	0.1	N/A	N/A	35	0.1
-74	15	0.1	13	0.1	N/A	N/A	35	0.1
-73	15	0.1	13	0.1	N/A	N/A	36	0.1
-72	16	0.1	13	0.1	N/A	N/A	37	0.1
-71	16	0.1	13	0.1	N/A	N/A	38	0.1
-70	17	0.1	14	0.1	N/A	N/A	39	0.1
-69	17	0.2	14	0.1	N/A	N/A	40	0.1
-68	18	0.2	14	0.1	N/A	N/A	41	0.1
-67	18	0.2	14	0.1	N/A	N/A	42	0.1
-66	19	0.2	15	0.1	N/A	N/A	43	0.1
-65	19	0.2	15	0.1	N/A	N/A	44	0.1
-64	20	0.2	15	0.1	N/A	N/A	45	0.1
-63	20	0.2	15	0.1	N/A	N/A	46	0.1
-62	21	0.2	16	0.1	N/A	N/A	47	0.1
-61	22	0.2	16	0.1	N/A	N/A	48	<0.1
-60	22	0.2	16	0.1	N/A	N/A	49	<0.1
-59	23	0.2	17	0.1	N/A	N/A	51	<0.1
-58	24	0.2	17	0.1	N/A	N/A	52	<0.1
-57	25	0.3	17	0.1	N/A	N/A	53	<0.1
-56	25	0.3	18	0.1	N/A	N/A	55	<0.1
-55	26	0.3	18	0.1	N/A	N/A	56	<0.1
-54	27	0.3	19	0.1	N/A	N/A	58	<0.1
-53	28	0.3	19	0.1	N/A	N/A	59	<0.1
-52	29	0.3	19	0.1	N/A	N/A	61	<0.1
-51	30	0.3	20	0.1	N/A	N/A	63	<0.1
-50	31	0.3	20	0.1	N/A	N/A	64	<0.1
-49	32	0.4	21	0.1	N/A	N/A	66	<0.1
-48	34	0.4	21	0.1	N/A	N/A	68	<0.1
-47	35	0.4	22	0.1	N/A	N/A	70	<0.1
-46	36	0.4	22	0.1	N/A	N/A	72	<0.1
-45	38	0.4	23	0.1	N/A	N/A	74	<0.1
-44	39	0.5	23	0.1	N/A	N/A	76	<0.1
-43	41	0.5	24	0.1	N/A	N/A	79	0.1
-42	43	0.5	25	0.1	N/A	N/A	81	0.1
-41	44	0.5	25	0.1	N/A	N/A	83	0.1
-40	46	0.6	26	0.1	N/A	N/A	86	0.1
-39	48	0.6	27	0.1	N/A	N/A	89	0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
-38	50	0.6	27	0.1	N/A	N/A	91	0.1
-37	53	0.7	28	0.2	N/A	N/A	94	0.1
-36	55	0.7	29	0.2	N/A	N/A	97	0.1
-35	58	0.8	29	0.2	N/A	N/A	100	0.2
-34	60	0.8	30	0.2	N/A	N/A	104	0.2
-33	63	0.8	31	0.2	N/A	N/A	107	0.2
-32	66	0.9	32	0.2	N/A	N/A	110	0.2
-31	69	0.9	33	0.2	N/A	N/A	114	0.2
-30	72	1.0	34	0.2	N/A	N/A	118	0.3
-29	76	1.0	35	0.2	N/A	N/A	122	0.3
-28	80	1.1	36	0.2	N/A	N/A	126	0.3
-27	83	1.1	37	0.2	N/A	N/A	130	0.4
-26	87	1.2	38	0.2	N/A	N/A	134	0.4
-25	92	1.2	39	0.2	N/A	N/A	138	0.4
-24	96	1.3	40	0.2	N/A	N/A	143	0.5
-23	101	1.3	41	0.2	N/A	N/A	148	0.5
-22	105	1.4	43	0.2	N/A	N/A	153	0.6
-21	110	1.4	44	0.3	N/A	N/A	158	0.6
-20	115	1.5	45	0.3	N/A	N/A	163	0.6
-19	120	1.5	47	0.3	N/A	N/A	168	0.7
-18	125	1.5	48	0.3	N/A	N/A	173	0.8
-17	130	1.5	50	0.3	N/A	N/A	178	0.8
-16	135	1.5	51	0.3	N/A	N/A	184	0.9
-15	140	1.5	53	0.3	N/A	N/A	189	0.9
-14	145	1.5	55	0.3	N/A	N/A	195	1.0
-13	149	1.5	57	0.3	N/A	N/A	200	1.0
-12	153	1.4	59	0.4	N/A	N/A	205	1.1
-11	157	1.4	61	0.4	N/A	N/A	210	1.2
-10	160	1.3	63	0.4	N/A	N/A	215	1.2
-9	163	1.3	65	0.4	N/A	N/A	220	1.3
-8	166	1.2	67	0.4	N/A	N/A	225	1.3
-7	168	1.1	70	0.4	N/A	N/A	229	1.4
-6	170	1.0	72	0.4	N/A	N/A	232	1.4
-5	172	1.0	75	0.4	N/A	N/A	236	1.5
-4	173	0.9	77	0.5	N/A	N/A	238	1.5
-3	174	0.9	80	0.5	N/A	N/A	241	1.5
-2	174	0.8	83	0.5	N/A	N/A	242	1.6
-1	175	0.8	86	0.5	N/A	N/A	243	1.6
0	175	0.8	90	0.5	N/A	N/A	244	1.6
1	175	0.8	93	0.5	N/A	N/A	243	1.6
2	174	0.8	96	0.5	N/A	N/A	242	1.6
3	174	0.9	100	0.6	N/A	N/A	241	1.5

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
4	173	0.9	104	0.6	N/A	N/A	238	1.5
5	172	1.0	108	0.6	N/A	N/A	236	1.5
6	170	1.0	112	0.6	N/A	N/A	232	1.4
7	168	1.1	116	0.6	N/A	N/A	229	1.4
8	166	1.2	120	0.6	N/A	N/A	225	1.3
9	163	1.3	125	0.6	N/A	N/A	220	1.3
10	160	1.3	129	0.7	N/A	N/A	215	1.2
11	157	1.4	134	0.7	N/A	N/A	210	1.2
12	153	1.4	139	0.7	N/A	N/A	205	1.1
13	149	1.5	144	0.7	N/A	N/A	200	1.0
14	145	1.5	149	0.7	N/A	N/A	195	1.0
15	140	1.5	154	0.7	N/A	N/A	189	0.9
16	135	1.5	159	0.7	N/A	N/A	184	0.9
17	130	1.5	164	0.7	N/A	N/A	178	0.8
18	125	1.5	169	0.8	N/A	N/A	173	0.8
19	120	1.5	175	0.8	N/A	N/A	168	0.7
20	115	1.5	180	0.8	N/A	N/A	163	0.6
21	110	1.4	185	0.8	N/A	N/A	158	0.6
22	105	1.4	190	0.9	N/A	N/A	153	0.6
23	101	1.3	194	0.9	N/A	N/A	148	0.5
24	96	1.3	199	0.9	N/A	N/A	143	0.5
25	92	1.2	203	1.0	N/A	N/A	138	0.4
26	87	1.2	207	1.0	N/A	N/A	134	0.4
27	83	1.1	211	1.1	N/A	N/A	130	0.4
28	80	1.1	214	1.1	N/A	N/A	126	0.3
29	76	1.0	217	1.1	N/A	N/A	122	0.3
30	72	1.0	219	1.2	N/A	N/A	118	0.3
31	69	0.9	221	1.2	N/A	N/A	114	0.2
32	66	0.9	222	1.3	N/A	N/A	110	0.2
33	63	0.8	223	1.3	N/A	N/A	107	0.2
34	60	0.8	223	1.3	N/A	N/A	104	0.2
35	58	0.8	222	1.4	N/A	N/A	100	0.2
36	55	0.7	221	1.4	N/A	N/A	97	0.1
37	53	0.7	219	1.4	N/A	N/A	94	0.1
38	50	0.6	217	1.4	N/A	N/A	91	0.1
39	48	0.6	214	1.4	N/A	N/A	89	0.1
40	46	0.6	211	1.4	N/A	N/A	86	0.1
41	44	0.5	207	1.4	N/A	N/A	83	0.1
42	43	0.5	203	1.3	N/A	N/A	81	0.1
43	41	0.5	198	1.3	N/A	N/A	79	0.1
44	39	0.5	194	1.3	N/A	N/A	76	<0.1
45	38	0.4	189	1.2	N/A	N/A	74	<0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
46	36	0.4	183	1.2	N/A	N/A	72	<0.1
47	35	0.4	178	1.1	N/A	N/A	70	<0.1
48	34	0.4	173	1.1	N/A	N/A	68	<0.1
49	32	0.4	167	1.0	N/A	N/A	66	<0.1
50	31	0.3	162	1.0	N/A	N/A	64	<0.1
51	30	0.3	157	0.9	N/A	N/A	63	<0.1
52	29	0.3	151	0.9	N/A	N/A	61	<0.1
53	28	0.3	146	0.8	N/A	N/A	59	<0.1
54	27	0.3	141	0.8	N/A	N/A	58	<0.1
55	26	0.3	136	0.8	N/A	N/A	56	<0.1
56	25	0.3	131	0.7	N/A	N/A	55	<0.1
57	25	0.3	126	0.7	N/A	N/A	53	<0.1
58	24	0.2	122	0.6	N/A	N/A	52	<0.1
59	23	0.2	117	0.6	N/A	N/A	51	<0.1
60	22	0.2	113	0.6	N/A	N/A	49	<0.1
61	22	0.2	109	0.5	N/A	N/A	48	<0.1
62	21	0.2	105	0.5	N/A	N/A	47	0.1
63	20	0.2	101	0.5	N/A	N/A	46	0.1
64	20	0.2	98	0.5	N/A	N/A	45	0.1
65	19	0.2	94	0.4	N/A	N/A	44	0.1
66	19	0.2	91	0.4	N/A	N/A	43	0.1
67	18	0.2	88	0.4	N/A	N/A	42	0.1
68	18	0.2	85	0.4	N/A	N/A	41	0.1
69	17	0.2	82	0.4	N/A	N/A	40	0.1
70	17	0.1	79	0.3	N/A	N/A	39	0.1
71	16	0.1	76	0.3	N/A	N/A	38	0.1
72	16	0.1	74	0.3	N/A	N/A	37	0.1
73	15	0.1	71	0.3	N/A	N/A	36	0.1
74	15	0.1	69	0.3	N/A	N/A	35	0.1
75	15	0.1	66	0.3	N/A	N/A	35	0.1
76	14	0.1	64	0.3	N/A	N/A	34	0.1
77	14	0.1	62	0.2	N/A	N/A	33	0.1
78	14	0.1	60	0.2	N/A	N/A	32	0.1
79	13	0.1	58	0.2	N/A	N/A	32	0.1
80	13	0.1	56	0.2	N/A	N/A	31	0.1
81	13	0.1	55	0.2	N/A	N/A	30	0.1
82	12	0.1	53	0.2	N/A	N/A	30	0.1
83	12	0.1	51	0.2	N/A	N/A	29	0.1
84	12	0.1	50	0.2	N/A	N/A	29	0.1
85	12	0.1	48	0.2	N/A	N/A	28	0.1
86	11	0.1	47	0.2	N/A	N/A	27	0.1
87	11	0.1	45	0.2	N/A	N/A	27	0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
88	11	0.1	44	0.2	N/A	N/A	26	0.1
89	11	0.1	43	0.2	N/A	N/A	26	0.1
90	10	0.1	42	0.2	N/A	N/A	25	0.1
91	10	0.1	40	0.2	N/A	N/A	25	0.1
92	9.9	0.1	39	0.2	N/A	N/A	24	0.1
93	9.7	0.1	38	0.2	N/A	N/A	24	0.1
94	9.5	0.1	37	0.1	N/A	N/A	23	0.1
95	9.3	0.1	36	0.1	N/A	N/A	23	0.1
96	9.1	0.1	35	0.1	N/A	N/A	23	0.1
97	8.9	0.1	34	0.1	N/A	N/A	22	0.1
98	8.7	0.1	33	0.1	N/A	N/A	22	0.1
99	8.5	0.1	33	0.1	N/A	N/A	21	0.1
100	8.4	0.1	32	0.1	N/A	N/A	21	0.1
101	8.2	0.1	31	0.1	N/A	N/A	21	0.1
102	8.1	0.1	30	0.1	N/A	N/A	20	0.1
103	7.9	0.1	29	0.1	N/A	N/A	20	<0.1
104	7.8	<0.1	29	0.1	N/A	N/A	20	<0.1
105	7.6	<0.1	28	0.1	N/A	N/A	19	<0.1
106	7.5	<0.1	27	0.1	N/A	N/A	19	<0.1
107	7.3	<0.1	27	0.1	N/A	N/A	19	<0.1
108	7.2	<0.1	26	0.1	N/A	N/A	18	<0.1
109	7.1	<0.1	25	0.1	N/A	N/A	18	<0.1
110	6.9	<0.1	25	0.1	N/A	N/A	18	<0.1
111	6.8	<0.1	24	0.1	N/A	N/A	17	<0.1
112	6.7	<0.1	24	0.1	N/A	N/A	17	<0.1
113	6.6	<0.1	23	0.1	N/A	N/A	17	<0.1
114	6.5	<0.1	23	0.1	N/A	N/A	17	<0.1
115	6.4	<0.1	22	0.1	N/A	N/A	16	<0.1
116	6.3	<0.1	22	0.1	N/A	N/A	16	<0.1
117	6.2	<0.1	21	0.1	N/A	N/A	16	<0.1
118	6.1	<0.1	21	0.1	N/A	N/A	16	<0.1
119	6.0	<0.1	20	0.1	N/A	N/A	15	<0.1
120	5.9	<0.1	20	0.1	N/A	N/A	15	<0.1
121	5.8	<0.1	19	0.1	N/A	N/A	15	<0.1
122	5.7	<0.1	19	0.1	N/A	N/A	15	<0.1
123	5.6	<0.1	19	0.1	N/A	N/A	14	<0.1
124	5.5	<0.1	18	0.1	N/A	N/A	14	<0.1
125	5.4	<0.1	18	0.1	N/A	N/A	14	<0.1
126	5.3	<0.1	18	0.1	N/A	N/A	14	<0.1
127	5.2	<0.1	17	0.1	N/A	N/A	14	<0.1
128	5.2	<0.1	17	0.1	N/A	N/A	13	<0.1
129	5.1	<0.1	17	0.1	N/A	N/A	13	<0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
130	5.0	<0.1	16	0.1	N/A	N/A	13	<0.1
131	4.9	<0.1	16	0.1	N/A	N/A	13	<0.1
132	4.9	<0.1	16	0.1	N/A	N/A	13	<0.1
133	4.8	<0.1	15	0.1	N/A	N/A	13	<0.1
134	4.7	<0.1	15	0.1	N/A	N/A	12	<0.1
135	4.6	<0.1	15	0.1	N/A	N/A	12	<0.1
136	4.6	<0.1	14	0.1	N/A	N/A	12	<0.1
137	4.5	<0.1	14	0.1	N/A	N/A	12	<0.1
138	4.4	<0.1	14	0.1	N/A	N/A	12	<0.1
139	4.4	<0.1	14	0.1	N/A	N/A	12	<0.1
140	4.3	<0.1	13	0.1	N/A	N/A	11	<0.1
141	4.3	<0.1	13	0.1	N/A	N/A	11	<0.1
142	4.2	<0.1	13	0.1	N/A	N/A	11	<0.1
143	4.1	<0.1	13	0.1	N/A	N/A	11	<0.1
144	4.1	<0.1	13	0.1	N/A	N/A	11	<0.1
145	4.0	<0.1	12	0.1	N/A	N/A	11	<0.1
146	4.0	<0.1	12	0.1	N/A	N/A	10	<0.1
147	3.9	<0.1	12	<0.1	N/A	N/A	10	<0.1
148	3.9	<0.1	12	<0.1	N/A	N/A	10	<0.1
149	3.8	<0.1	12	<0.1	N/A	N/A	10	<0.1
150	3.8	<0.1	11	<0.1	N/A	N/A	10.0	<0.1
151	3.7	<0.1	11	<0.1	N/A	N/A	9.8	<0.1
152	3.7	<0.1	11	<0.1	N/A	N/A	9.7	<0.1
153	3.6	<0.1	11	<0.1	N/A	N/A	9.6	<0.1
154	3.6	<0.1	11	<0.1	N/A	N/A	9.5	<0.1
155	3.5	<0.1	10	<0.1	N/A	N/A	9.4	<0.1
156	3.5	<0.1	10	<0.1	N/A	N/A	9.3	<0.1
157	3.4	<0.1	10	<0.1	N/A	N/A	9.1	<0.1
158	3.4	<0.1	10	<0.1	N/A	N/A	9.0	<0.1
159	3.4	<0.1	9.9	<0.1	N/A	N/A	8.9	<0.1
160	3.3	<0.1	9.7	<0.1	N/A	N/A	8.8	<0.1
161	3.3	<0.1	9.6	<0.1	N/A	N/A	8.7	<0.1
162	3.2	<0.1	9.4	<0.1	N/A	N/A	8.6	<0.1
163	3.2	<0.1	9.3	<0.1	N/A	N/A	8.5	<0.1
164	3.2	<0.1	9.1	<0.1	N/A	N/A	8.4	<0.1
165	3.1	<0.1	9.0	<0.1	N/A	N/A	8.3	<0.1
166	3.1	<0.1	8.9	<0.1	N/A	N/A	8.2	<0.1
167	3.0	<0.1	8.7	<0.1	N/A	N/A	8.1	<0.1
168	3.0	<0.1	8.6	<0.1	N/A	N/A	8.0	<0.1
169	3.0	<0.1	8.5	<0.1	N/A	N/A	7.9	<0.1
170	2.9	<0.1	8.4	<0.1	N/A	N/A	7.9	<0.1
171	2.9	<0.1	8.3	<0.1	N/A	N/A	7.8	<0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
172	2.9	<0.1	8.1	<0.1	N/A	N/A	7.7	<0.1
173	2.8	<0.1	8.0	<0.1	N/A	N/A	7.6	<0.1
174	2.8	<0.1	7.9	<0.1	N/A	N/A	7.5	<0.1
175	2.8	<0.1	7.8	<0.1	N/A	N/A	7.4	<0.1
176	2.7	<0.1	7.7	<0.1	N/A	N/A	7.3	<0.1
177	2.7	<0.1	7.6	<0.1	N/A	N/A	7.3	<0.1
178	2.7	<0.1	7.5	<0.1	N/A	N/A	7.2	<0.1
179	2.7	<0.1	7.4	<0.1	N/A	N/A	7.1	<0.1
180	2.6	<0.1	7.3	<0.1	N/A	N/A	7.0	<0.1
181	2.6	<0.1	7.2	<0.1	N/A	N/A	7.0	<0.1
182	2.6	<0.1	7.1	<0.1	N/A	N/A	6.9	<0.1
183	2.5	<0.1	7.0	<0.1	N/A	N/A	6.8	<0.1
184	2.5	<0.1	6.9	<0.1	N/A	N/A	6.7	<0.1
185	2.5	<0.1	6.8	<0.1	N/A	N/A	6.7	<0.1
186	2.5	<0.1	6.7	<0.1	N/A	N/A	6.6	<0.1
187	2.4	<0.1	6.7	<0.1	N/A	N/A	6.5	<0.1
188	2.4	<0.1	6.6	<0.1	N/A	N/A	6.5	<0.1
189	2.4	<0.1	6.5	<0.1	N/A	N/A	6.4	<0.1
190	2.4	<0.1	6.4	<0.1	N/A	N/A	6.3	<0.1
191	2.3	<0.1	6.3	<0.1	N/A	N/A	6.3	<0.1
192	2.3	<0.1	6.3	<0.1	N/A	N/A	6.2	<0.1
193	2.3	<0.1	6.2	<0.1	N/A	N/A	6.2	<0.1
194	2.3	<0.1	6.1	<0.1	N/A	N/A	6.1	<0.1
195	2.2	<0.1	6.0	<0.1	N/A	N/A	6.0	<0.1
196	2.2	<0.1	6.0	<0.1	N/A	N/A	6.0	<0.1
197	2.2	<0.1	5.9	<0.1	N/A	N/A	5.9	<0.1
198	2.2	<0.1	5.8	<0.1	N/A	N/A	5.9	<0.1
199	2.1	<0.1	5.7	<0.1	N/A	N/A	5.8	<0.1
200	2.1	<0.1	5.7	<0.1	N/A	N/A	5.7	<0.1
201	2.1	<0.1	5.6	<0.1	N/A	N/A	5.7	<0.1
202	2.1	<0.1	5.5	<0.1	N/A	N/A	5.6	<0.1
203	2.1	<0.1	5.5	<0.1	N/A	N/A	5.6	<0.1
204	2.0	<0.1	5.4	<0.1	N/A	N/A	5.5	<0.1
205	2.0	<0.1	5.4	<0.1	N/A	N/A	5.5	<0.1
206	2.0	<0.1	5.3	<0.1	N/A	N/A	5.4	<0.1
207	2.0	<0.1	5.2	<0.1	N/A	N/A	5.4	<0.1
208	2.0	<0.1	5.2	<0.1	N/A	N/A	5.3	<0.1
209	1.9	<0.1	5.1	<0.1	N/A	N/A	5.3	<0.1
210	1.9	<0.1	5.1	<0.1	N/A	N/A	5.2	<0.1
211	1.9	<0.1	5.0	<0.1	N/A	N/A	5.2	<0.1
212	1.9	<0.1	5.0	<0.1	N/A	N/A	5.1	<0.1
213	1.9	<0.1	4.9	<0.1	N/A	N/A	5.1	<0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
214	1.9	<0.1	4.8	<0.1	N/A	N/A	5.0	<0.1
215	1.8	<0.1	4.8	<0.1	N/A	N/A	5.0	<0.1
216	1.8	<0.1	4.7	<0.1	N/A	N/A	4.9	<0.1
217	1.8	<0.1	4.7	<0.1	N/A	N/A	4.9	<0.1
218	1.8	<0.1	4.6	<0.1	N/A	N/A	4.9	<0.1
219	1.8	<0.1	4.6	<0.1	N/A	N/A	4.8	<0.1
220	1.8	<0.1	4.5	<0.1	N/A	N/A	4.8	<0.1
221	1.7	<0.1	4.5	<0.1	N/A	N/A	4.7	<0.1
222	1.7	<0.1	4.4	<0.1	N/A	N/A	4.7	<0.1
223	1.7	<0.1	4.4	<0.1	N/A	N/A	4.6	<0.1
224	1.7	<0.1	4.4	<0.1	N/A	N/A	4.6	<0.1
225	1.7	<0.1	4.3	<0.1	N/A	N/A	4.6	<0.1
226	1.7	<0.1	4.3	<0.1	N/A	N/A	4.5	<0.1
227	1.7	<0.1	4.2	<0.1	N/A	N/A	4.5	<0.1
228	1.6	<0.1	4.2	<0.1	N/A	N/A	4.4	<0.1
229	1.6	<0.1	4.1	<0.1	N/A	N/A	4.4	<0.1
230	1.6	<0.1	4.1	<0.1	N/A	N/A	4.4	<0.1
231	1.6	<0.1	4.1	<0.1	N/A	N/A	4.3	<0.1
232	1.6	<0.1	4.0	<0.1	N/A	N/A	4.3	<0.1
233	1.6	<0.1	4.0	<0.1	N/A	N/A	4.3	<0.1
234	1.6	<0.1	3.9	<0.1	N/A	N/A	4.2	<0.1
235	1.5	<0.1	3.9	<0.1	N/A	N/A	4.2	<0.1
236	1.5	<0.1	3.9	<0.1	N/A	N/A	4.2	<0.1
237	1.5	<0.1	3.8	<0.1	N/A	N/A	4.1	<0.1
238	1.5	<0.1	3.8	<0.1	N/A	N/A	4.1	<0.1
239	1.5	<0.1	3.8	<0.1	N/A	N/A	4.1	<0.1
240	1.5	<0.1	3.7	<0.1	N/A	N/A	4.0	<0.1
241	1.5	<0.1	3.7	<0.1	N/A	N/A	4.0	<0.1
242	1.5	<0.1	3.6	<0.1	N/A	N/A	4.0	<0.1
243	1.4	<0.1	3.6	<0.1	N/A	N/A	3.9	<0.1
244	1.4	<0.1	3.6	<0.1	N/A	N/A	3.9	<0.1
245	1.4	<0.1	3.5	<0.1	N/A	N/A	3.9	<0.1
246	1.4	<0.1	3.5	<0.1	N/A	N/A	3.8	<0.1
247	1.4	<0.1	3.5	<0.1	N/A	N/A	3.8	<0.1
248	1.4	<0.1	3.4	<0.1	N/A	N/A	3.8	<0.1
249	1.4	<0.1	3.4	<0.1	N/A	N/A	3.7	<0.1
250	1.4	<0.1	3.4	<0.1	N/A	N/A	3.7	<0.1
251	1.4	<0.1	3.4	<0.1	N/A	N/A	3.7	<0.1
252	1.3	<0.1	3.3	<0.1	N/A	N/A	3.7	<0.1
253	1.3	<0.1	3.3	<0.1	N/A	N/A	3.6	<0.1
254	1.3	<0.1	3.3	<0.1	N/A	N/A	3.6	<0.1
255	1.3	<0.1	3.2	<0.1	N/A	N/A	3.6	<0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
256	1.3	<0.1	3.2	<0.1	N/A	N/A	3.5	<0.1
257	1.3	<0.1	3.2	<0.1	N/A	N/A	3.5	<0.1
258	1.3	<0.1	3.1	<0.1	N/A	N/A	3.5	<0.1
259	1.3	<0.1	3.1	<0.1	N/A	N/A	3.5	<0.1
260	1.3	<0.1	3.1	<0.1	N/A	N/A	3.4	<0.1
261	1.3	<0.1	3.1	<0.1	N/A	N/A	3.4	<0.1
262	1.2	<0.1	3.0	<0.1	N/A	N/A	3.4	<0.1
263	1.2	<0.1	3.0	<0.1	N/A	N/A	3.4	<0.1
264	1.2	<0.1	3.0	<0.1	N/A	N/A	3.3	<0.1
265	1.2	<0.1	3.0	<0.1	N/A	N/A	3.3	<0.1
266	1.2	<0.1	2.9	<0.1	N/A	N/A	3.3	<0.1
267	1.2	<0.1	2.9	<0.1	N/A	N/A	3.3	<0.1
268	1.2	<0.1	2.9	<0.1	N/A	N/A	3.2	<0.1
269	1.2	<0.1	2.9	<0.1	N/A	N/A	3.2	<0.1
270	1.2	<0.1	2.8	<0.1	N/A	N/A	3.2	<0.1
271	1.2	<0.1	2.8	<0.1	N/A	N/A	3.2	<0.1
272	1.2	<0.1	2.8	<0.1	N/A	N/A	3.1	<0.1
273	1.1	<0.1	2.8	<0.1	N/A	N/A	3.1	<0.1
274	1.1	<0.1	2.7	<0.1	N/A	N/A	3.1	<0.1
275	1.1	<0.1	2.7	<0.1	N/A	N/A	3.1	<0.1
276	1.1	<0.1	2.7	<0.1	N/A	N/A	3.1	<0.1
277	1.1	<0.1	2.7	<0.1	N/A	N/A	3.0	<0.1
278	1.1	<0.1	2.7	<0.1	N/A	N/A	3.0	<0.1
279	1.1	<0.1	2.6	<0.1	N/A	N/A	3.0	<0.1
280	1.1	<0.1	2.6	<0.1	N/A	N/A	3.0	<0.1
281	1.1	<0.1	2.6	<0.1	N/A	N/A	3.0	<0.1
282	1.1	<0.1	2.6	<0.1	N/A	N/A	2.9	<0.1
283	1.1	<0.1	2.6	<0.1	N/A	N/A	2.9	<0.1
284	1.1	<0.1	2.5	<0.1	N/A	N/A	2.9	<0.1
285	1.0	<0.1	2.5	<0.1	N/A	N/A	2.9	<0.1
286	1.0	<0.1	2.5	<0.1	N/A	N/A	2.9	<0.1
287	1.0	<0.1	2.5	<0.1	N/A	N/A	2.8	<0.1
288	1.0	<0.1	2.5	<0.1	N/A	N/A	2.8	<0.1
289	1.0	<0.1	2.4	<0.1	N/A	N/A	2.8	<0.1
290	1.0	<0.1	2.4	<0.1	N/A	N/A	2.8	<0.1
291	1.0	<0.1	2.4	<0.1	N/A	N/A	2.8	<0.1
292	1.0	<0.1	2.4	<0.1	N/A	N/A	2.7	<0.1
293	1.0	<0.1	2.4	<0.1	N/A	N/A	2.7	<0.1
294	1.0	<0.1	2.3	<0.1	N/A	N/A	2.7	<0.1
295	1.0	<0.1	2.3	<0.1	N/A	N/A	2.7	<0.1
296	1.0	<0.1	2.3	<0.1	N/A	N/A	2.7	<0.1
297	1.0	<0.1	2.3	<0.1	N/A	N/A	2.6	<0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
298	1.0	<0.1	2.3	<0.1	N/A	N/A	2.6	<0.1
299	1.0	<0.1	2.3	<0.1	N/A	N/A	2.6	<0.1
300	0.9	<0.1	2.2	<0.1	N/A	N/A	2.6	<0.1
301	0.9	<0.1	2.2	<0.1	N/A	N/A	2.6	<0.1
302	0.9	<0.1	2.2	<0.1	N/A	N/A	2.6	<0.1
303	0.9	<0.1	2.2	<0.1	N/A	N/A	2.5	<0.1
304	0.9	<0.1	2.2	<0.1	N/A	N/A	2.5	<0.1
305	0.9	<0.1	2.2	<0.1	N/A	N/A	2.5	<0.1
306	0.9	<0.1	2.1	<0.1	N/A	N/A	2.5	<0.1
307	0.9	<0.1	2.1	<0.1	N/A	N/A	2.5	<0.1
308	0.9	<0.1	2.1	<0.1	N/A	N/A	2.5	<0.1
309	0.9	<0.1	2.1	<0.1	N/A	N/A	2.4	<0.1
310	0.9	<0.1	2.1	<0.1	N/A	N/A	2.4	<0.1
311	0.9	<0.1	2.1	<0.1	N/A	N/A	2.4	<0.1
312	0.9	<0.1	2.0	<0.1	N/A	N/A	2.4	<0.1
313	0.9	<0.1	2.0	<0.1	N/A	N/A	2.4	<0.1
314	0.9	<0.1	2.0	<0.1	N/A	N/A	2.4	<0.1
315	0.9	<0.1	2.0	<0.1	N/A	N/A	2.4	<0.1
316	0.9	<0.1	2.0	<0.1	N/A	N/A	2.3	<0.1
317	0.8	<0.1	2.0	<0.1	N/A	N/A	2.3	<0.1
318	0.8	<0.1	2.0	<0.1	N/A	N/A	2.3	<0.1
319	0.8	<0.1	2.0	<0.1	N/A	N/A	2.3	<0.1
320	0.8	<0.1	1.9	<0.1	N/A	N/A	2.3	<0.1
321	0.8	<0.1	1.9	<0.1	N/A	N/A	2.3	<0.1
322	0.8	<0.1	1.9	<0.1	N/A	N/A	2.3	<0.1
323	0.8	<0.1	1.9	<0.1	N/A	N/A	2.2	<0.1
324	0.8	<0.1	1.9	<0.1	N/A	N/A	2.2	<0.1
325	0.8	<0.1	1.9	<0.1	N/A	N/A	2.2	<0.1
326	0.8	<0.1	1.9	<0.1	N/A	N/A	2.2	<0.1
327	0.8	<0.1	1.8	<0.1	N/A	N/A	2.2	<0.1
328	0.8	<0.1	1.8	<0.1	N/A	N/A	2.2	<0.1
329	0.8	<0.1	1.8	<0.1	N/A	N/A	2.2	<0.1
330	0.8	<0.1	1.8	<0.1	N/A	N/A	2.2	<0.1
331	0.8	<0.1	1.8	<0.1	N/A	N/A	2.1	<0.1
332	0.8	<0.1	1.8	<0.1	N/A	N/A	2.1	<0.1
333	0.8	<0.1	1.8	<0.1	N/A	N/A	2.1	<0.1
334	0.8	<0.1	1.8	<0.1	N/A	N/A	2.1	<0.1
335	0.8	<0.1	1.7	<0.1	N/A	N/A	2.1	<0.1
336	0.8	<0.1	1.7	<0.1	N/A	N/A	2.1	<0.1
337	0.8	<0.1	1.7	<0.1	N/A	N/A	2.1	<0.1
338	0.7	<0.1	1.7	<0.1	N/A	N/A	2.1	<0.1
339	0.7	<0.1	1.7	<0.1	N/A	N/A	2.0	<0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
340	0.7	<0.1	1.7	<0.1	N/A	N/A	2.0	<0.1
341	0.7	<0.1	1.7	<0.1	N/A	N/A	2.0	<0.1
342	0.7	<0.1	1.7	<0.1	N/A	N/A	2.0	<0.1
343	0.7	<0.1	1.7	<0.1	N/A	N/A	2.0	<0.1
344	0.7	<0.1	1.6	<0.1	N/A	N/A	2.0	<0.1
345	0.7	<0.1	1.6	<0.1	N/A	N/A	2.0	<0.1
346	0.7	<0.1	1.6	<0.1	N/A	N/A	2.0	<0.1
347	0.7	<0.1	1.6	<0.1	N/A	N/A	1.9	<0.1
348	0.7	<0.1	1.6	<0.1	N/A	N/A	1.9	<0.1
349	0.7	<0.1	1.6	<0.1	N/A	N/A	1.9	<0.1
350	0.7	<0.1	1.6	<0.1	N/A	N/A	1.9	<0.1
351	0.7	<0.1	1.6	<0.1	N/A	N/A	1.9	<0.1
352	0.7	<0.1	1.6	<0.1	N/A	N/A	1.9	<0.1
353	0.7	<0.1	1.6	<0.1	N/A	N/A	1.9	<0.1
354	0.7	<0.1	1.5	<0.1	N/A	N/A	1.9	<0.1
355	0.7	<0.1	1.5	<0.1	N/A	N/A	1.9	<0.1
356	0.7	<0.1	1.5	<0.1	N/A	N/A	1.9	<0.1
357	0.7	<0.1	1.5	<0.1	N/A	N/A	1.8	<0.1
358	0.7	<0.1	1.5	<0.1	N/A	N/A	1.8	<0.1
359	0.7	<0.1	1.5	<0.1	N/A	N/A	1.8	<0.1
360	0.7	<0.1	1.5	<0.1	N/A	N/A	1.8	<0.1
361	0.7	<0.1	1.5	<0.1	N/A	N/A	1.8	<0.1
362	0.7	<0.1	1.5	<0.1	N/A	N/A	1.8	<0.1
363	0.6	<0.1	1.5	<0.1	N/A	N/A	1.8	<0.1
364	0.6	<0.1	1.5	<0.1	N/A	N/A	1.8	<0.1
365	0.6	<0.1	1.4	<0.1	N/A	N/A	1.8	<0.1
366	0.6	<0.1	1.4	<0.1	N/A	N/A	1.8	<0.1
367	0.6	<0.1	1.4	<0.1	N/A	N/A	1.7	<0.1
368	0.6	<0.1	1.4	<0.1	N/A	N/A	1.7	<0.1
369	0.6	<0.1	1.4	<0.1	N/A	N/A	1.7	<0.1
370	0.6	<0.1	1.4	<0.1	N/A	N/A	1.7	<0.1
371	0.6	<0.1	1.4	<0.1	N/A	N/A	1.7	<0.1
372	0.6	<0.1	1.4	<0.1	N/A	N/A	1.7	<0.1
373	0.6	<0.1	1.4	<0.1	N/A	N/A	1.7	<0.1
374	0.6	<0.1	1.4	<0.1	N/A	N/A	1.7	<0.1
375	0.6	<0.1	1.4	<0.1	N/A	N/A	1.7	<0.1
376	0.6	<0.1	1.4	<0.1	N/A	N/A	1.7	<0.1
377	0.6	<0.1	1.3	<0.1	N/A	N/A	1.7	<0.1
378	0.6	<0.1	1.3	<0.1	N/A	N/A	1.6	<0.1
379	0.6	<0.1	1.3	<0.1	N/A	N/A	1.6	<0.1
380	0.6	<0.1	1.3	<0.1	N/A	N/A	1.6	<0.1
381	0.6	<0.1	1.3	<0.1	N/A	N/A	1.6	<0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
382	0.6	<0.1	1.3	<0.1	N/A	N/A	1.6	<0.1
383	0.6	<0.1	1.3	<0.1	N/A	N/A	1.6	<0.1
384	0.6	<0.1	1.3	<0.1	N/A	N/A	1.6	<0.1
385	0.6	<0.1	1.3	<0.1	N/A	N/A	1.6	<0.1
386	0.6	<0.1	1.3	<0.1	N/A	N/A	1.6	<0.1
387	0.6	<0.1	1.3	<0.1	N/A	N/A	1.6	<0.1
388	0.6	<0.1	1.3	<0.1	N/A	N/A	1.6	<0.1
389	0.6	<0.1	1.3	<0.1	N/A	N/A	1.6	<0.1
390	0.6	<0.1	1.3	<0.1	N/A	N/A	1.5	<0.1
391	0.6	<0.1	1.2	<0.1	N/A	N/A	1.5	<0.1
392	0.6	<0.1	1.2	<0.1	N/A	N/A	1.5	<0.1
393	0.6	<0.1	1.2	<0.1	N/A	N/A	1.5	<0.1
394	0.5	<0.1	1.2	<0.1	N/A	N/A	1.5	<0.1
395	0.5	<0.1	1.2	<0.1	N/A	N/A	1.5	<0.1
396	0.5	<0.1	1.2	<0.1	N/A	N/A	1.5	<0.1
397	0.5	<0.1	1.2	<0.1	N/A	N/A	1.5	<0.1
398	0.5	<0.1	1.2	<0.1	N/A	N/A	1.5	<0.1
399	0.5	<0.1	1.2	<0.1	N/A	N/A	1.5	<0.1
400	0.5	<0.1	1.2	<0.1	N/A	N/A	1.5	<0.1
401	0.5	<0.1	1.2	<0.1	N/A	N/A	1.5	<0.1
402	0.5	<0.1	1.2	<0.1	N/A	N/A	1.5	<0.1
403	0.5	<0.1	1.2	<0.1	N/A	N/A	1.4	<0.1
404	0.5	<0.1	1.2	<0.1	N/A	N/A	1.4	<0.1
405	0.5	<0.1	1.2	<0.1	N/A	N/A	1.4	<0.1
406	0.5	<0.1	1.1	<0.1	N/A	N/A	1.4	<0.1
407	0.5	<0.1	1.1	<0.1	N/A	N/A	1.4	<0.1
408	0.5	<0.1	1.1	<0.1	N/A	N/A	1.4	<0.1
409	0.5	<0.1	1.1	<0.1	N/A	N/A	1.4	<0.1
410	0.5	<0.1	1.1	<0.1	N/A	N/A	1.4	<0.1
411	0.5	<0.1	1.1	<0.1	N/A	N/A	1.4	<0.1
412	0.5	<0.1	1.1	<0.1	N/A	N/A	1.4	<0.1
413	0.5	<0.1	1.1	<0.1	N/A	N/A	1.4	<0.1
414	0.5	<0.1	1.1	<0.1	N/A	N/A	1.4	<0.1
415	0.5	<0.1	1.1	<0.1	N/A	N/A	1.4	<0.1
416	0.5	<0.1	1.1	<0.1	N/A	N/A	1.4	<0.1
417	0.5	<0.1	1.1	<0.1	N/A	N/A	1.4	<0.1
418	0.5	<0.1	1.1	<0.1	N/A	N/A	1.3	<0.1
419	0.5	<0.1	1.1	<0.1	N/A	N/A	1.3	<0.1
420	0.5	<0.1	1.1	<0.1	N/A	N/A	1.3	<0.1
421	0.5	<0.1	1.1	<0.1	N/A	N/A	1.3	<0.1
422	0.5	<0.1	1.1	<0.1	N/A	N/A	1.3	<0.1
423	0.5	<0.1	1.0	<0.1	N/A	N/A	1.3	<0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
424	0.5	<0.1	1.0	<0.1	N/A	N/A	1.3	<0.1
425	0.5	<0.1	1.0	<0.1	N/A	N/A	1.3	<0.1
426	0.5	<0.1	1.0	<0.1	N/A	N/A	1.3	<0.1
427	0.5	<0.1	1.0	<0.1	N/A	N/A	1.3	<0.1
428	0.5	<0.1	1.0	<0.1	N/A	N/A	1.3	<0.1
429	0.5	<0.1	1.0	<0.1	N/A	N/A	1.3	<0.1
430	0.5	<0.1	1.0	<0.1	N/A	N/A	1.3	<0.1
431	0.5	<0.1	1.0	<0.1	N/A	N/A	1.3	<0.1
432	0.5	<0.1	1.0	<0.1	N/A	N/A	1.3	<0.1
433	0.5	<0.1	1.0	<0.1	N/A	N/A	1.3	<0.1
434	0.5	<0.1	1.0	<0.1	N/A	N/A	1.2	<0.1
435	0.5	<0.1	1.0	<0.1	N/A	N/A	1.2	<0.1
436	0.4	<0.1	1.0	<0.1	N/A	N/A	1.2	<0.1
437	0.4	<0.1	1.0	<0.1	N/A	N/A	1.2	<0.1
438	0.4	<0.1	1.0	<0.1	N/A	N/A	1.2	<0.1
439	0.4	<0.1	1.0	<0.1	N/A	N/A	1.2	<0.1
440	0.4	<0.1	1.0	<0.1	N/A	N/A	1.2	<0.1
441	0.4	<0.1	1.0	<0.1	N/A	N/A	1.2	<0.1
442	0.4	<0.1	1.0	<0.1	N/A	N/A	1.2	<0.1
443	0.4	<0.1	0.9	<0.1	N/A	N/A	1.2	<0.1
444	0.4	<0.1	0.9	<0.1	N/A	N/A	1.2	<0.1
445	0.4	<0.1	0.9	<0.1	N/A	N/A	1.2	<0.1
446	0.4	<0.1	0.9	<0.1	N/A	N/A	1.2	<0.1
447	0.4	<0.1	0.9	<0.1	N/A	N/A	1.2	<0.1
448	0.4	<0.1	0.9	<0.1	N/A	N/A	1.2	<0.1
449	0.4	<0.1	0.9	<0.1	N/A	N/A	1.2	<0.1
450	0.4	<0.1	0.9	<0.1	N/A	N/A	1.2	<0.1
451	0.4	<0.1	0.9	<0.1	N/A	N/A	1.2	<0.1
452	0.4	<0.1	0.9	<0.1	N/A	N/A	1.2	<0.1
453	0.4	<0.1	0.9	<0.1	N/A	N/A	1.1	<0.1
454	0.4	<0.1	0.9	<0.1	N/A	N/A	1.1	<0.1
455	0.4	<0.1	0.9	<0.1	N/A	N/A	1.1	<0.1
456	0.4	<0.1	0.9	<0.1	N/A	N/A	1.1	<0.1
457	0.4	<0.1	0.9	<0.1	N/A	N/A	1.1	<0.1
458	0.4	<0.1	0.9	<0.1	N/A	N/A	1.1	<0.1
459	0.4	<0.1	0.9	<0.1	N/A	N/A	1.1	<0.1
460	0.4	<0.1	0.9	<0.1	N/A	N/A	1.1	<0.1
461	0.4	<0.1	0.9	<0.1	N/A	N/A	1.1	<0.1
462	0.4	<0.1	0.9	<0.1	N/A	N/A	1.1	<0.1
463	0.4	<0.1	0.9	<0.1	N/A	N/A	1.1	<0.1
464	0.4	<0.1	0.9	<0.1	N/A	N/A	1.1	<0.1
465	0.4	<0.1	0.9	<0.1	N/A	N/A	1.1	<0.1

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Table D-1 – Continued from previous page

Dist (feet)	XS-946-1 Existing Magnetic Field Maximum (mG)	XS-946-1 Existing Electric Field Resultant (kV/m)	XS-946-1 Proposed Magnetic Field Maximum (mG)	XS-946-1 Proposed Electric Field Resultant (kV/m)	XS-946-2 Existing Magnetic Field Maximum (mG)	XS-946-2 Existing Electric Field Resultant (kV/m)	XS-946-2 Proposed Magnetic Field Maximum (mG)	XS-946-2 Proposed Electric Field Resultant (kV/m)
466	0.4	<0.1	0.9	<0.1	N/A	N/A	1.1	<0.1
467	0.4	<0.1	0.8	<0.1	N/A	N/A	1.1	<0.1
468	0.4	<0.1	0.8	<0.1	N/A	N/A	1.1	<0.1
469	0.4	<0.1	0.8	<0.1	N/A	N/A	1.1	<0.1
470	0.4	<0.1	0.8	<0.1	N/A	N/A	1.1	<0.1
471	0.4	<0.1	0.8	<0.1	N/A	N/A	1.1	<0.1
472	0.4	<0.1	0.8	<0.1	N/A	N/A	1.1	<0.1
473	0.4	<0.1	0.8	<0.1	N/A	N/A	1.1	<0.1
474	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
475	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
476	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
477	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
478	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
479	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
480	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
481	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
482	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
483	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
484	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
485	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
486	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
487	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
488	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
489	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
490	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
491	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
492	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
493	0.4	<0.1	0.8	<0.1	N/A	N/A	1.0	<0.1
494	0.3	<0.1	0.7	<0.1	N/A	N/A	1.0	<0.1
495	0.3	<0.1	0.7	<0.1	N/A	N/A	1.0	<0.1
496	0.3	<0.1	0.7	<0.1	N/A	N/A	1.0	<0.1
497	0.3	<0.1	0.7	<0.1	N/A	N/A	1.0	<0.1
498	0.3	<0.1	0.7	<0.1	N/A	N/A	1.0	<0.1
499	0.3	<0.1	0.7	<0.1	N/A	N/A	0.9	<0.1
500	0.3	<0.1	0.7	<0.1	N/A	N/A	0.9	<0.1

Table D-2. Calculated EMF levels for XS-946-3 through XS-946-4

	XS-946-3 Existing		XS-946-3 Proposed		XS-946-4 Existing		XS-946-4 Proposed	
Dist (feet)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)
-500	N/A	N/A	0.6	<0.1	0.3	<0.1	1.0	<0.1
-499	N/A	N/A	0.6	<0.1	0.3	<0.1	1.0	<0.1
-498	N/A	N/A	0.6	<0.1	0.3	<0.1	1.0	<0.1
-497	N/A	N/A	0.6	<0.1	0.3	<0.1	1.0	<0.1
-496	N/A	N/A	0.6	<0.1	0.3	<0.1	1.0	<0.1
-495	N/A	N/A	0.6	<0.1	0.3	<0.1	1.0	<0.1
-494	N/A	N/A	0.6	<0.1	0.3	<0.1	1.0	<0.1
-493	N/A	N/A	0.6	<0.1	0.4	<0.1	1.0	<0.1
-492	N/A	N/A	0.6	<0.1	0.4	<0.1	1.0	<0.1
-491	N/A	N/A	0.6	<0.1	0.4	<0.1	1.0	<0.1
-490	N/A	N/A	0.6	<0.1	0.4	<0.1	1.0	<0.1
-489	N/A	N/A	0.6	<0.1	0.4	<0.1	1.0	<0.1
-488	N/A	N/A	0.6	<0.1	0.4	<0.1	1.0	<0.1
-487	N/A	N/A	0.6	<0.1	0.4	<0.1	1.0	<0.1
-486	N/A	N/A	0.6	<0.1	0.4	<0.1	1.0	<0.1
-485	N/A	N/A	0.7	<0.1	0.4	<0.1	1.0	<0.1
-484	N/A	N/A	0.7	<0.1	0.4	<0.1	1.0	<0.1
-483	N/A	N/A	0.7	<0.1	0.4	<0.1	1.0	<0.1
-482	N/A	N/A	0.7	<0.1	0.4	<0.1	1.0	<0.1
-481	N/A	N/A	0.7	<0.1	0.4	<0.1	1.0	<0.1
-480	N/A	N/A	0.7	<0.1	0.4	<0.1	1.0	<0.1
-479	N/A	N/A	0.7	<0.1	0.4	<0.1	1.0	<0.1
-478	N/A	N/A	0.7	<0.1	0.4	<0.1	1.0	<0.1
-477	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1
-476	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1
-475	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1
-474	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1
-473	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1
-472	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1
-471	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1
-470	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1
-469	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1
-468	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1
-467	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1
-466	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1
-465	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1
-464	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1
-463	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1
-462	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1
-461	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1
-460	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1
-459	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
-458	N/A	N/A	0.7	<0.1	0.4	<0.1	1.1	<0.1
-457	N/A	N/A	0.7	<0.1	0.4	<0.1	1.2	<0.1
-456	N/A	N/A	0.7	<0.1	0.4	<0.1	1.2	<0.1
-455	N/A	N/A	0.7	<0.1	0.4	<0.1	1.2	<0.1
-454	N/A	N/A	0.7	<0.1	0.4	<0.1	1.2	<0.1
-453	N/A	N/A	0.7	<0.1	0.4	<0.1	1.2	<0.1
-452	N/A	N/A	0.7	<0.1	0.4	<0.1	1.2	<0.1
-451	N/A	N/A	0.8	<0.1	0.4	<0.1	1.2	<0.1
-450	N/A	N/A	0.8	<0.1	0.4	<0.1	1.2	<0.1
-449	N/A	N/A	0.8	<0.1	0.4	<0.1	1.2	<0.1
-448	N/A	N/A	0.8	<0.1	0.4	<0.1	1.2	<0.1
-447	N/A	N/A	0.8	<0.1	0.4	<0.1	1.2	<0.1
-446	N/A	N/A	0.8	<0.1	0.4	<0.1	1.2	<0.1
-445	N/A	N/A	0.8	<0.1	0.4	<0.1	1.2	<0.1
-444	N/A	N/A	0.8	<0.1	0.4	<0.1	1.2	<0.1
-443	N/A	N/A	0.8	<0.1	0.4	<0.1	1.2	<0.1
-442	N/A	N/A	0.8	<0.1	0.4	<0.1	1.2	<0.1
-441	N/A	N/A	0.8	<0.1	0.4	<0.1	1.2	<0.1
-440	N/A	N/A	0.8	<0.1	0.4	<0.1	1.2	<0.1
-439	N/A	N/A	0.8	<0.1	0.4	<0.1	1.3	<0.1
-438	N/A	N/A	0.8	<0.1	0.4	<0.1	1.3	<0.1
-437	N/A	N/A	0.8	<0.1	0.4	<0.1	1.3	<0.1
-436	N/A	N/A	0.8	<0.1	0.4	<0.1	1.3	<0.1
-435	N/A	N/A	0.8	<0.1	0.5	<0.1	1.3	<0.1
-434	N/A	N/A	0.8	<0.1	0.5	<0.1	1.3	<0.1
-433	N/A	N/A	0.8	<0.1	0.5	<0.1	1.3	<0.1
-432	N/A	N/A	0.8	<0.1	0.5	<0.1	1.3	<0.1
-431	N/A	N/A	0.8	<0.1	0.5	<0.1	1.3	<0.1
-430	N/A	N/A	0.8	<0.1	0.5	<0.1	1.3	<0.1
-429	N/A	N/A	0.8	<0.1	0.5	<0.1	1.3	<0.1
-428	N/A	N/A	0.8	<0.1	0.5	<0.1	1.3	<0.1
-427	N/A	N/A	0.8	<0.1	0.5	<0.1	1.3	<0.1
-426	N/A	N/A	0.8	<0.1	0.5	<0.1	1.3	<0.1
-425	N/A	N/A	0.8	<0.1	0.5	<0.1	1.3	<0.1
-424	N/A	N/A	0.8	<0.1	0.5	<0.1	1.3	<0.1
-423	N/A	N/A	0.9	<0.1	0.5	<0.1	1.4	<0.1
-422	N/A	N/A	0.9	<0.1	0.5	<0.1	1.4	<0.1
-421	N/A	N/A	0.9	<0.1	0.5	<0.1	1.4	<0.1
-420	N/A	N/A	0.9	<0.1	0.5	<0.1	1.4	<0.1
-419	N/A	N/A	0.9	<0.1	0.5	<0.1	1.4	<0.1
-418	N/A	N/A	0.9	<0.1	0.5	<0.1	1.4	<0.1
-417	N/A	N/A	0.9	<0.1	0.5	<0.1	1.4	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
-416	N/A	N/A	0.9	<0.1	0.5	<0.1	1.4	<0.1
-415	N/A	N/A	0.9	<0.1	0.5	<0.1	1.4	<0.1
-414	N/A	N/A	0.9	<0.1	0.5	<0.1	1.4	<0.1
-413	N/A	N/A	0.9	<0.1	0.5	<0.1	1.4	<0.1
-412	N/A	N/A	0.9	<0.1	0.5	<0.1	1.4	<0.1
-411	N/A	N/A	0.9	<0.1	0.5	<0.1	1.4	<0.1
-410	N/A	N/A	0.9	<0.1	0.5	<0.1	1.4	<0.1
-409	N/A	N/A	0.9	<0.1	0.5	<0.1	1.5	<0.1
-408	N/A	N/A	0.9	<0.1	0.5	<0.1	1.5	<0.1
-407	N/A	N/A	0.9	<0.1	0.5	<0.1	1.5	<0.1
-406	N/A	N/A	0.9	<0.1	0.5	<0.1	1.5	<0.1
-405	N/A	N/A	0.9	<0.1	0.5	<0.1	1.5	<0.1
-404	N/A	N/A	0.9	<0.1	0.5	<0.1	1.5	<0.1
-403	N/A	N/A	0.9	<0.1	0.5	<0.1	1.5	<0.1
-402	N/A	N/A	0.9	<0.1	0.5	<0.1	1.5	<0.1
-401	N/A	N/A	0.9	<0.1	0.5	<0.1	1.5	<0.1
-400	N/A	N/A	1.0	<0.1	0.5	<0.1	1.5	<0.1
-399	N/A	N/A	1.0	<0.1	0.5	<0.1	1.5	<0.1
-398	N/A	N/A	1.0	<0.1	0.5	<0.1	1.5	<0.1
-397	N/A	N/A	1.0	<0.1	0.5	<0.1	1.5	<0.1
-396	N/A	N/A	1.0	<0.1	0.5	<0.1	1.6	<0.1
-395	N/A	N/A	1.0	<0.1	0.5	<0.1	1.6	<0.1
-394	N/A	N/A	1.0	<0.1	0.5	<0.1	1.6	<0.1
-393	N/A	N/A	1.0	<0.1	0.6	<0.1	1.6	<0.1
-392	N/A	N/A	1.0	<0.1	0.6	<0.1	1.6	<0.1
-391	N/A	N/A	1.0	<0.1	0.6	<0.1	1.6	<0.1
-390	N/A	N/A	1.0	<0.1	0.6	<0.1	1.6	<0.1
-389	N/A	N/A	1.0	<0.1	0.6	<0.1	1.6	<0.1
-388	N/A	N/A	1.0	<0.1	0.6	<0.1	1.6	<0.1
-387	N/A	N/A	1.0	<0.1	0.6	<0.1	1.6	<0.1
-386	N/A	N/A	1.0	<0.1	0.6	<0.1	1.6	<0.1
-385	N/A	N/A	1.0	<0.1	0.6	<0.1	1.7	<0.1
-384	N/A	N/A	1.0	<0.1	0.6	<0.1	1.7	<0.1
-383	N/A	N/A	1.0	<0.1	0.6	<0.1	1.7	<0.1
-382	N/A	N/A	1.0	<0.1	0.6	<0.1	1.7	<0.1
-381	N/A	N/A	1.0	<0.1	0.6	<0.1	1.7	<0.1
-380	N/A	N/A	1.1	<0.1	0.6	<0.1	1.7	<0.1
-379	N/A	N/A	1.1	<0.1	0.6	<0.1	1.7	<0.1
-378	N/A	N/A	1.1	<0.1	0.6	<0.1	1.7	<0.1
-377	N/A	N/A	1.1	<0.1	0.6	<0.1	1.7	<0.1
-376	N/A	N/A	1.1	<0.1	0.6	<0.1	1.7	<0.1
-375	N/A	N/A	1.1	<0.1	0.6	<0.1	1.7	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
-374	N/A	N/A	1.1	<0.1	0.6	<0.1	1.8	<0.1
-373	N/A	N/A	1.1	<0.1	0.6	<0.1	1.8	<0.1
-372	N/A	N/A	1.1	<0.1	0.6	<0.1	1.8	<0.1
-371	N/A	N/A	1.1	<0.1	0.6	<0.1	1.8	<0.1
-370	N/A	N/A	1.1	<0.1	0.6	<0.1	1.8	<0.1
-369	N/A	N/A	1.1	<0.1	0.6	<0.1	1.8	<0.1
-368	N/A	N/A	1.1	<0.1	0.6	<0.1	1.8	<0.1
-367	N/A	N/A	1.1	<0.1	0.6	<0.1	1.8	<0.1
-366	N/A	N/A	1.1	<0.1	0.6	<0.1	1.8	<0.1
-365	N/A	N/A	1.1	<0.1	0.6	<0.1	1.8	<0.1
-364	N/A	N/A	1.1	<0.1	0.6	<0.1	1.9	<0.1
-363	N/A	N/A	1.2	<0.1	0.6	<0.1	1.9	<0.1
-362	N/A	N/A	1.2	<0.1	0.7	<0.1	1.9	<0.1
-361	N/A	N/A	1.2	<0.1	0.7	<0.1	1.9	<0.1
-360	N/A	N/A	1.2	<0.1	0.7	<0.1	1.9	<0.1
-359	N/A	N/A	1.2	<0.1	0.7	<0.1	1.9	<0.1
-358	N/A	N/A	1.2	<0.1	0.7	<0.1	1.9	<0.1
-357	N/A	N/A	1.2	<0.1	0.7	<0.1	1.9	<0.1
-356	N/A	N/A	1.2	<0.1	0.7	<0.1	1.9	<0.1
-355	N/A	N/A	1.2	<0.1	0.7	<0.1	2.0	<0.1
-354	N/A	N/A	1.2	<0.1	0.7	<0.1	2.0	<0.1
-353	N/A	N/A	1.2	<0.1	0.7	<0.1	2.0	<0.1
-352	N/A	N/A	1.2	<0.1	0.7	<0.1	2.0	<0.1
-351	N/A	N/A	1.2	<0.1	0.7	<0.1	2.0	<0.1
-350	N/A	N/A	1.2	<0.1	0.7	<0.1	2.0	<0.1
-349	N/A	N/A	1.2	<0.1	0.7	<0.1	2.0	<0.1
-348	N/A	N/A	1.3	<0.1	0.7	<0.1	2.0	<0.1
-347	N/A	N/A	1.3	<0.1	0.7	<0.1	2.1	<0.1
-346	N/A	N/A	1.3	<0.1	0.7	<0.1	2.1	<0.1
-345	N/A	N/A	1.3	<0.1	0.7	<0.1	2.1	<0.1
-344	N/A	N/A	1.3	<0.1	0.7	<0.1	2.1	<0.1
-343	N/A	N/A	1.3	<0.1	0.7	<0.1	2.1	<0.1
-342	N/A	N/A	1.3	<0.1	0.7	<0.1	2.1	<0.1
-341	N/A	N/A	1.3	<0.1	0.7	<0.1	2.1	<0.1
-340	N/A	N/A	1.3	<0.1	0.7	<0.1	2.1	<0.1
-339	N/A	N/A	1.3	<0.1	0.7	<0.1	2.2	<0.1
-338	N/A	N/A	1.3	<0.1	0.7	<0.1	2.2	<0.1
-337	N/A	N/A	1.3	<0.1	0.8	<0.1	2.2	<0.1
-336	N/A	N/A	1.3	<0.1	0.8	<0.1	2.2	<0.1
-335	N/A	N/A	1.3	<0.1	0.8	<0.1	2.2	<0.1
-334	N/A	N/A	1.4	<0.1	0.8	<0.1	2.2	<0.1
-333	N/A	N/A	1.4	<0.1	0.8	<0.1	2.2	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
-332	N/A	N/A	1.4	<0.1	0.8	<0.1	2.3	<0.1
-331	N/A	N/A	1.4	<0.1	0.8	<0.1	2.3	<0.1
-330	N/A	N/A	1.4	<0.1	0.8	<0.1	2.3	<0.1
-329	N/A	N/A	1.4	<0.1	0.8	<0.1	2.3	<0.1
-328	N/A	N/A	1.4	<0.1	0.8	<0.1	2.3	<0.1
-327	N/A	N/A	1.4	<0.1	0.8	<0.1	2.3	<0.1
-326	N/A	N/A	1.4	<0.1	0.8	<0.1	2.3	<0.1
-325	N/A	N/A	1.4	<0.1	0.8	<0.1	2.4	<0.1
-324	N/A	N/A	1.4	<0.1	0.8	<0.1	2.4	<0.1
-323	N/A	N/A	1.4	<0.1	0.8	<0.1	2.4	<0.1
-322	N/A	N/A	1.5	<0.1	0.8	<0.1	2.4	<0.1
-321	N/A	N/A	1.5	<0.1	0.8	<0.1	2.4	<0.1
-320	N/A	N/A	1.5	<0.1	0.8	<0.1	2.4	<0.1
-319	N/A	N/A	1.5	<0.1	0.8	<0.1	2.5	<0.1
-318	N/A	N/A	1.5	<0.1	0.8	<0.1	2.5	<0.1
-317	N/A	N/A	1.5	<0.1	0.8	<0.1	2.5	<0.1
-316	N/A	N/A	1.5	<0.1	0.9	<0.1	2.5	<0.1
-315	N/A	N/A	1.5	<0.1	0.9	<0.1	2.5	<0.1
-314	N/A	N/A	1.5	<0.1	0.9	<0.1	2.5	<0.1
-313	N/A	N/A	1.5	<0.1	0.9	<0.1	2.6	<0.1
-312	N/A	N/A	1.5	<0.1	0.9	<0.1	2.6	<0.1
-311	N/A	N/A	1.6	<0.1	0.9	<0.1	2.6	<0.1
-310	N/A	N/A	1.6	<0.1	0.9	<0.1	2.6	<0.1
-309	N/A	N/A	1.6	<0.1	0.9	<0.1	2.6	<0.1
-308	N/A	N/A	1.6	<0.1	0.9	<0.1	2.7	<0.1
-307	N/A	N/A	1.6	<0.1	0.9	<0.1	2.7	<0.1
-306	N/A	N/A	1.6	<0.1	0.9	<0.1	2.7	<0.1
-305	N/A	N/A	1.6	<0.1	0.9	<0.1	2.7	<0.1
-304	N/A	N/A	1.6	<0.1	0.9	<0.1	2.7	<0.1
-303	N/A	N/A	1.6	<0.1	0.9	<0.1	2.7	<0.1
-302	N/A	N/A	1.6	<0.1	0.9	<0.1	2.8	<0.1
-301	N/A	N/A	1.7	<0.1	0.9	<0.1	2.8	<0.1
-300	N/A	N/A	1.7	<0.1	0.9	<0.1	2.8	<0.1
-299	N/A	N/A	1.7	<0.1	1.0	<0.1	2.8	<0.1
-298	N/A	N/A	1.7	<0.1	1.0	<0.1	2.8	<0.1
-297	N/A	N/A	1.7	<0.1	1.0	<0.1	2.9	<0.1
-296	N/A	N/A	1.7	<0.1	1.0	<0.1	2.9	<0.1
-295	N/A	N/A	1.7	<0.1	1.0	<0.1	2.9	<0.1
-294	N/A	N/A	1.7	<0.1	1.0	<0.1	2.9	<0.1
-293	N/A	N/A	1.7	<0.1	1.0	<0.1	3.0	<0.1
-292	N/A	N/A	1.8	<0.1	1.0	<0.1	3.0	<0.1
-291	N/A	N/A	1.8	<0.1	1.0	<0.1	3.0	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
-290	N/A	N/A	1.8	<0.1	1.0	<0.1	3.0	<0.1
-289	N/A	N/A	1.8	<0.1	1.0	<0.1	3.0	<0.1
-288	N/A	N/A	1.8	<0.1	1.0	<0.1	3.1	<0.1
-287	N/A	N/A	1.8	<0.1	1.0	<0.1	3.1	<0.1
-286	N/A	N/A	1.8	<0.1	1.0	<0.1	3.1	<0.1
-285	N/A	N/A	1.8	<0.1	1.0	<0.1	3.1	<0.1
-284	N/A	N/A	1.9	<0.1	1.1	<0.1	3.2	<0.1
-283	N/A	N/A	1.9	<0.1	1.1	<0.1	3.2	<0.1
-282	N/A	N/A	1.9	<0.1	1.1	<0.1	3.2	<0.1
-281	N/A	N/A	1.9	<0.1	1.1	<0.1	3.2	<0.1
-280	N/A	N/A	1.9	<0.1	1.1	<0.1	3.3	<0.1
-279	N/A	N/A	1.9	<0.1	1.1	<0.1	3.3	<0.1
-278	N/A	N/A	1.9	<0.1	1.1	<0.1	3.3	<0.1
-277	N/A	N/A	1.9	<0.1	1.1	<0.1	3.3	<0.1
-276	N/A	N/A	2.0	<0.1	1.1	<0.1	3.4	<0.1
-275	N/A	N/A	2.0	<0.1	1.1	<0.1	3.4	<0.1
-274	N/A	N/A	2.0	<0.1	1.1	<0.1	3.4	<0.1
-273	N/A	N/A	2.0	<0.1	1.1	<0.1	3.4	<0.1
-272	N/A	N/A	2.0	<0.1	1.2	<0.1	3.5	<0.1
-271	N/A	N/A	2.0	<0.1	1.2	<0.1	3.5	<0.1
-270	N/A	N/A	2.0	<0.1	1.2	<0.1	3.5	<0.1
-269	N/A	N/A	2.1	<0.1	1.2	<0.1	3.5	<0.1
-268	N/A	N/A	2.1	<0.1	1.2	<0.1	3.6	<0.1
-267	N/A	N/A	2.1	<0.1	1.2	<0.1	3.6	<0.1
-266	N/A	N/A	2.1	<0.1	1.2	<0.1	3.6	<0.1
-265	N/A	N/A	2.1	<0.1	1.2	<0.1	3.7	<0.1
-264	N/A	N/A	2.1	<0.1	1.2	<0.1	3.7	<0.1
-263	N/A	N/A	2.2	<0.1	1.2	<0.1	3.7	<0.1
-262	N/A	N/A	2.2	<0.1	1.2	<0.1	3.8	<0.1
-261	N/A	N/A	2.2	<0.1	1.3	<0.1	3.8	<0.1
-260	N/A	N/A	2.2	<0.1	1.3	<0.1	3.8	<0.1
-259	N/A	N/A	2.2	<0.1	1.3	<0.1	3.8	<0.1
-258	N/A	N/A	2.2	<0.1	1.3	<0.1	3.9	<0.1
-257	N/A	N/A	2.3	<0.1	1.3	<0.1	3.9	<0.1
-256	N/A	N/A	2.3	<0.1	1.3	<0.1	3.9	<0.1
-255	N/A	N/A	2.3	<0.1	1.3	<0.1	4.0	<0.1
-254	N/A	N/A	2.3	<0.1	1.3	<0.1	4.0	<0.1
-253	N/A	N/A	2.3	<0.1	1.3	<0.1	4.0	<0.1
-252	N/A	N/A	2.3	<0.1	1.3	<0.1	4.1	<0.1
-251	N/A	N/A	2.4	<0.1	1.4	<0.1	4.1	<0.1
-250	N/A	N/A	2.4	<0.1	1.4	<0.1	4.2	<0.1
-249	N/A	N/A	2.4	<0.1	1.4	<0.1	4.2	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
-248	N/A	N/A	2.4	<0.1	1.4	<0.1	4.2	<0.1
-247	N/A	N/A	2.4	<0.1	1.4	<0.1	4.3	<0.1
-246	N/A	N/A	2.4	<0.1	1.4	<0.1	4.3	<0.1
-245	N/A	N/A	2.5	<0.1	1.4	<0.1	4.3	<0.1
-244	N/A	N/A	2.5	<0.1	1.4	<0.1	4.4	<0.1
-243	N/A	N/A	2.5	<0.1	1.4	<0.1	4.4	<0.1
-242	N/A	N/A	2.5	<0.1	1.5	<0.1	4.5	<0.1
-241	N/A	N/A	2.5	<0.1	1.5	<0.1	4.5	<0.1
-240	N/A	N/A	2.6	<0.1	1.5	<0.1	4.5	<0.1
-239	N/A	N/A	2.6	<0.1	1.5	<0.1	4.6	<0.1
-238	N/A	N/A	2.6	<0.1	1.5	<0.1	4.6	<0.1
-237	N/A	N/A	2.6	<0.1	1.5	<0.1	4.7	<0.1
-236	N/A	N/A	2.7	<0.1	1.5	<0.1	4.7	<0.1
-235	N/A	N/A	2.7	<0.1	1.5	<0.1	4.7	<0.1
-234	N/A	N/A	2.7	<0.1	1.6	<0.1	4.8	<0.1
-233	N/A	N/A	2.7	<0.1	1.6	<0.1	4.8	<0.1
-232	N/A	N/A	2.7	<0.1	1.6	<0.1	4.9	<0.1
-231	N/A	N/A	2.8	<0.1	1.6	<0.1	4.9	<0.1
-230	N/A	N/A	2.8	<0.1	1.6	<0.1	5.0	<0.1
-229	N/A	N/A	2.8	<0.1	1.6	<0.1	5.0	<0.1
-228	N/A	N/A	2.8	<0.1	1.6	<0.1	5.1	<0.1
-227	N/A	N/A	2.9	<0.1	1.7	<0.1	5.1	<0.1
-226	N/A	N/A	2.9	<0.1	1.7	<0.1	5.2	<0.1
-225	N/A	N/A	2.9	<0.1	1.7	<0.1	5.2	<0.1
-224	N/A	N/A	2.9	<0.1	1.7	<0.1	5.3	<0.1
-223	N/A	N/A	3.0	<0.1	1.7	<0.1	5.3	<0.1
-222	N/A	N/A	3.0	<0.1	1.7	<0.1	5.4	<0.1
-221	N/A	N/A	3.0	<0.1	1.7	<0.1	5.4	<0.1
-220	N/A	N/A	3.0	<0.1	1.8	<0.1	5.5	<0.1
-219	N/A	N/A	3.1	<0.1	1.8	<0.1	5.5	<0.1
-218	N/A	N/A	3.1	<0.1	1.8	<0.1	5.6	<0.1
-217	N/A	N/A	3.1	<0.1	1.8	<0.1	5.6	<0.1
-216	N/A	N/A	3.1	<0.1	1.8	<0.1	5.7	<0.1
-215	N/A	N/A	3.2	<0.1	1.8	<0.1	5.8	<0.1
-214	N/A	N/A	3.2	<0.1	1.9	<0.1	5.8	<0.1
-213	N/A	N/A	3.2	<0.1	1.9	<0.1	5.9	<0.1
-212	N/A	N/A	3.3	<0.1	1.9	<0.1	5.9	<0.1
-211	N/A	N/A	3.3	<0.1	1.9	<0.1	6.0	<0.1
-210	N/A	N/A	3.3	<0.1	1.9	<0.1	6.1	<0.1
-209	N/A	N/A	3.3	<0.1	1.9	<0.1	6.1	<0.1
-208	N/A	N/A	3.4	<0.1	2.0	<0.1	6.2	<0.1
-207	N/A	N/A	3.4	<0.1	2.0	<0.1	6.3	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
-206	N/A	N/A	3.4	<0.1	2.0	<0.1	6.3	<0.1
-205	N/A	N/A	3.5	<0.1	2.0	<0.1	6.4	<0.1
-204	N/A	N/A	3.5	<0.1	2.0	<0.1	6.5	<0.1
-203	N/A	N/A	3.5	<0.1	2.1	<0.1	6.5	<0.1
-202	N/A	N/A	3.6	<0.1	2.1	<0.1	6.6	<0.1
-201	N/A	N/A	3.6	<0.1	2.1	<0.1	6.7	<0.1
-200	N/A	N/A	3.6	<0.1	2.1	<0.1	6.7	<0.1
-199	N/A	N/A	3.7	<0.1	2.1	<0.1	6.8	<0.1
-198	N/A	N/A	3.7	<0.1	2.2	<0.1	6.9	<0.1
-197	N/A	N/A	3.7	<0.1	2.2	<0.1	7.0	<0.1
-196	N/A	N/A	3.8	<0.1	2.2	<0.1	7.1	<0.1
-195	N/A	N/A	3.8	<0.1	2.2	<0.1	7.1	<0.1
-194	N/A	N/A	3.9	<0.1	2.3	<0.1	7.2	<0.1
-193	N/A	N/A	3.9	<0.1	2.3	<0.1	7.3	<0.1
-192	N/A	N/A	3.9	<0.1	2.3	<0.1	7.4	<0.1
-191	N/A	N/A	4.0	<0.1	2.3	<0.1	7.5	<0.1
-190	N/A	N/A	4.0	<0.1	2.4	<0.1	7.5	<0.1
-189	N/A	N/A	4.1	<0.1	2.4	<0.1	7.6	<0.1
-188	N/A	N/A	4.1	<0.1	2.4	<0.1	7.7	<0.1
-187	N/A	N/A	4.1	<0.1	2.4	<0.1	7.8	<0.1
-186	N/A	N/A	4.2	<0.1	2.5	<0.1	7.9	<0.1
-185	N/A	N/A	4.2	<0.1	2.5	<0.1	8.0	<0.1
-184	N/A	N/A	4.3	<0.1	2.5	<0.1	8.1	<0.1
-183	N/A	N/A	4.3	<0.1	2.5	<0.1	8.2	<0.1
-182	N/A	N/A	4.4	<0.1	2.6	<0.1	8.3	<0.1
-181	N/A	N/A	4.4	<0.1	2.6	<0.1	8.4	<0.1
-180	N/A	N/A	4.4	<0.1	2.6	<0.1	8.5	<0.1
-179	N/A	N/A	4.5	<0.1	2.7	<0.1	8.6	<0.1
-178	N/A	N/A	4.5	<0.1	2.7	<0.1	8.7	<0.1
-177	N/A	N/A	4.6	<0.1	2.7	<0.1	8.8	<0.1
-176	N/A	N/A	4.6	<0.1	2.7	<0.1	8.9	<0.1
-175	N/A	N/A	4.7	<0.1	2.8	<0.1	9.0	<0.1
-174	N/A	N/A	4.7	<0.1	2.8	<0.1	9.2	<0.1
-173	N/A	N/A	4.8	<0.1	2.8	<0.1	9.3	<0.1
-172	N/A	N/A	4.8	<0.1	2.9	<0.1	9.4	<0.1
-171	N/A	N/A	4.9	<0.1	2.9	<0.1	9.5	<0.1
-170	N/A	N/A	5.0	<0.1	2.9	<0.1	9.6	<0.1
-169	N/A	N/A	5.0	<0.1	3.0	<0.1	9.8	<0.1
-168	N/A	N/A	5.1	<0.1	3.0	<0.1	9.9	<0.1
-167	N/A	N/A	5.1	<0.1	3.0	<0.1	10	<0.1
-166	N/A	N/A	5.2	<0.1	3.1	<0.1	10	<0.1
-165	N/A	N/A	5.2	<0.1	3.1	<0.1	10	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
-164	N/A	N/A	5.3	<0.1	3.2	<0.1	10	<0.1
-163	N/A	N/A	5.4	<0.1	3.2	<0.1	11	<0.1
-162	N/A	N/A	5.4	<0.1	3.2	<0.1	11	<0.1
-161	N/A	N/A	5.5	<0.1	3.3	<0.1	11	<0.1
-160	N/A	N/A	5.6	<0.1	3.3	<0.1	11	<0.1
-159	N/A	N/A	5.6	<0.1	3.4	<0.1	11	<0.1
-158	N/A	N/A	5.7	<0.1	3.4	<0.1	11	<0.1
-157	N/A	N/A	5.8	<0.1	3.4	<0.1	11	<0.1
-156	N/A	N/A	5.8	<0.1	3.5	<0.1	12	<0.1
-155	N/A	N/A	5.9	<0.1	3.5	<0.1	12	<0.1
-154	N/A	N/A	6.0	<0.1	3.6	<0.1	12	<0.1
-153	N/A	N/A	6.0	<0.1	3.6	<0.1	12	<0.1
-152	N/A	N/A	6.1	<0.1	3.7	<0.1	12	<0.1
-151	N/A	N/A	6.2	<0.1	3.7	<0.1	13	<0.1
-150	N/A	N/A	6.3	<0.1	3.8	<0.1	13	<0.1
-149	N/A	N/A	6.4	<0.1	3.8	<0.1	13	<0.1
-148	N/A	N/A	6.4	<0.1	3.9	<0.1	13	<0.1
-147	N/A	N/A	6.5	<0.1	3.9	<0.1	13	<0.1
-146	N/A	N/A	6.6	<0.1	4.0	<0.1	14	<0.1
-145	N/A	N/A	6.7	<0.1	4.0	<0.1	14	<0.1
-144	N/A	N/A	6.8	<0.1	4.1	<0.1	14	<0.1
-143	N/A	N/A	6.9	<0.1	4.1	<0.1	14	<0.1
-142	N/A	N/A	7.0	<0.1	4.2	<0.1	14	<0.1
-141	N/A	N/A	7.0	<0.1	4.3	<0.1	15	<0.1
-140	N/A	N/A	7.1	<0.1	4.3	<0.1	15	<0.1
-139	N/A	N/A	7.2	<0.1	4.4	<0.1	15	<0.1
-138	N/A	N/A	7.3	<0.1	4.4	<0.1	15	<0.1
-137	N/A	N/A	7.4	<0.1	4.5	<0.1	16	<0.1
-136	N/A	N/A	7.5	<0.1	4.6	<0.1	16	<0.1
-135	N/A	N/A	7.7	<0.1	4.6	<0.1	16	<0.1
-134	N/A	N/A	7.8	<0.1	4.7	<0.1	16	<0.1
-133	N/A	N/A	7.9	<0.1	4.8	<0.1	17	<0.1
-132	N/A	N/A	8.0	<0.1	4.9	<0.1	17	<0.1
-131	N/A	N/A	8.1	<0.1	4.9	<0.1	17	<0.1
-130	N/A	N/A	8.2	<0.1	5.0	<0.1	17	<0.1
-129	N/A	N/A	8.3	<0.1	5.1	<0.1	18	<0.1
-128	N/A	N/A	8.5	<0.1	5.2	<0.1	18	<0.1
-127	N/A	N/A	8.6	<0.1	5.2	<0.1	18	<0.1
-126	N/A	N/A	8.7	<0.1	5.3	<0.1	19	<0.1
-125	N/A	N/A	8.9	<0.1	5.4	<0.1	19	<0.1
-124	N/A	N/A	9.0	<0.1	5.5	<0.1	19	<0.1
-123	N/A	N/A	9.1	<0.1	5.6	<0.1	20	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
-122	N/A	N/A	9.3	<0.1	5.7	<0.1	20	<0.1
-121	N/A	N/A	9.4	<0.1	5.8	<0.1	21	<0.1
-120	N/A	N/A	9.6	<0.1	5.9	<0.1	21	<0.1
-119	N/A	N/A	9.7	<0.1	6.0	<0.1	21	<0.1
-118	N/A	N/A	9.9	<0.1	6.1	<0.1	22	<0.1
-117	N/A	N/A	10	<0.1	6.2	<0.1	22	<0.1
-116	N/A	N/A	10	<0.1	6.3	<0.1	23	<0.1
-115	N/A	N/A	10	<0.1	6.4	<0.1	23	<0.1
-114	N/A	N/A	11	<0.1	6.5	<0.1	23	<0.1
-113	N/A	N/A	11	0.1	6.6	<0.1	24	<0.1
-112	N/A	N/A	11	0.1	6.7	<0.1	24	0.1
-111	N/A	N/A	11	0.1	6.8	<0.1	25	0.1
-110	N/A	N/A	11	0.1	6.9	<0.1	25	0.1
-109	N/A	N/A	11	0.1	7.1	<0.1	26	0.1
-108	N/A	N/A	12	0.1	7.2	<0.1	26	0.1
-107	N/A	N/A	12	0.1	7.3	<0.1	27	0.1
-106	N/A	N/A	12	0.1	7.5	<0.1	28	0.1
-105	N/A	N/A	12	0.1	7.6	<0.1	28	0.1
-104	N/A	N/A	13	0.1	7.8	<0.1	29	0.1
-103	N/A	N/A	13	0.1	7.9	0.1	29	0.1
-102	N/A	N/A	13	0.1	8.1	0.1	30	0.1
-101	N/A	N/A	13	0.1	8.2	0.1	31	0.1
-100	N/A	N/A	14	0.1	8.4	0.1	31	0.1
-99	N/A	N/A	14	0.1	8.5	0.1	32	0.1
-98	N/A	N/A	14	0.1	8.7	0.1	33	0.1
-97	N/A	N/A	14	0.1	8.9	0.1	33	0.1
-96	N/A	N/A	15	0.1	9.1	0.1	34	0.1
-95	N/A	N/A	15	0.1	9.3	0.1	35	0.1
-94	N/A	N/A	15	0.1	9.5	0.1	36	0.1
-93	N/A	N/A	15	0.1	9.7	0.1	37	<0.1
-92	N/A	N/A	16	0.1	9.9	0.1	38	<0.1
-91	N/A	N/A	16	0.1	10	0.1	38	<0.1
-90	N/A	N/A	16	0.1	10	0.1	39	<0.1
-89	N/A	N/A	17	0.1	11	0.1	40	<0.1
-88	N/A	N/A	17	0.1	11	0.1	41	<0.1
-87	N/A	N/A	17	0.1	11	0.1	42	<0.1
-86	N/A	N/A	18	0.1	11	0.1	44	<0.1
-85	N/A	N/A	18	0.1	12	0.1	45	<0.1
-84	N/A	N/A	19	0.1	12	0.1	46	<0.1
-83	N/A	N/A	19	0.1	12	0.1	47	<0.1
-82	N/A	N/A	19	0.1	12	0.1	48	<0.1
-81	N/A	N/A	20	0.1	13	0.1	49	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
-80	N/A	N/A	20	0.1	13	0.1	51	<0.1
-79	N/A	N/A	21	0.1	13	0.1	52	<0.1
-78	N/A	N/A	21	0.1	14	0.1	54	<0.1
-77	N/A	N/A	22	0.1	14	0.1	55	<0.1
-76	N/A	N/A	22	0.1	14	0.1	57	<0.1
-75	N/A	N/A	23	0.1	15	0.1	58	<0.1
-74	N/A	N/A	23	0.1	15	0.1	60	<0.1
-73	N/A	N/A	24	0.1	15	0.1	62	<0.1
-72	N/A	N/A	25	0.1	16	0.1	63	<0.1
-71	N/A	N/A	25	0.1	16	0.1	65	<0.1
-70	N/A	N/A	26	0.1	17	0.1	67	<0.1
-69	N/A	N/A	27	0.1	17	0.2	69	<0.1
-68	N/A	N/A	27	0.1	18	0.2	71	<0.1
-67	N/A	N/A	28	0.2	18	0.2	73	<0.1
-66	N/A	N/A	29	0.2	19	0.2	76	0.1
-65	N/A	N/A	29	0.2	19	0.2	78	0.1
-64	N/A	N/A	30	0.2	20	0.2	81	0.1
-63	N/A	N/A	31	0.2	20	0.2	83	0.1
-62	N/A	N/A	32	0.2	21	0.2	86	0.1
-61	N/A	N/A	33	0.2	22	0.2	88	0.1
-60	N/A	N/A	34	0.2	22	0.2	91	0.1
-59	N/A	N/A	35	0.2	23	0.2	94	0.2
-58	N/A	N/A	36	0.2	24	0.2	97	0.2
-57	N/A	N/A	37	0.2	25	0.3	100	0.2
-56	N/A	N/A	38	0.2	25	0.3	104	0.2
-55	N/A	N/A	39	0.2	26	0.3	107	0.2
-54	N/A	N/A	40	0.2	27	0.3	111	0.3
-53	N/A	N/A	41	0.2	28	0.3	115	0.3
-52	N/A	N/A	43	0.2	29	0.3	118	0.3
-51	N/A	N/A	44	0.3	30	0.3	122	0.3
-50	N/A	N/A	45	0.3	31	0.3	126	0.4
-49	N/A	N/A	47	0.3	32	0.4	131	0.4
-48	N/A	N/A	48	0.3	34	0.4	135	0.4
-47	N/A	N/A	50	0.3	35	0.4	140	0.5
-46	N/A	N/A	51	0.3	36	0.4	144	0.5
-45	N/A	N/A	53	0.3	38	0.4	149	0.6
-44	N/A	N/A	55	0.3	39	0.5	154	0.6
-43	N/A	N/A	57	0.3	41	0.5	159	0.7
-42	N/A	N/A	59	0.4	43	0.5	164	0.7
-41	N/A	N/A	61	0.4	44	0.5	169	0.8
-40	N/A	N/A	63	0.4	46	0.6	175	0.8
-39	N/A	N/A	65	0.4	48	0.6	180	0.9

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
-38	N/A	N/A	67	0.4	50	0.6	185	0.9
-37	N/A	N/A	70	0.4	53	0.7	190	1.0
-36	N/A	N/A	72	0.4	55	0.7	195	1.1
-35	N/A	N/A	75	0.4	58	0.8	200	1.1
-34	N/A	N/A	77	0.5	60	0.8	205	1.2
-33	N/A	N/A	80	0.5	63	0.8	210	1.2
-32	N/A	N/A	83	0.5	66	0.9	214	1.3
-31	N/A	N/A	86	0.5	69	0.9	218	1.3
-30	N/A	N/A	90	0.5	72	1.0	222	1.4
-29	N/A	N/A	93	0.5	76	1.0	225	1.4
-28	N/A	N/A	96	0.5	80	1.1	228	1.5
-27	N/A	N/A	100	0.6	83	1.1	230	1.5
-26	N/A	N/A	104	0.6	87	1.2	232	1.5
-25	N/A	N/A	108	0.6	92	1.2	233	1.5
-24	N/A	N/A	112	0.6	96	1.3	233	1.5
-23	N/A	N/A	116	0.6	101	1.3	233	1.5
-22	N/A	N/A	120	0.6	105	1.4	232	1.5
-21	N/A	N/A	125	0.6	110	1.4	230	1.5
-20	N/A	N/A	129	0.7	115	1.5	228	1.5
-19	N/A	N/A	134	0.7	120	1.5	226	1.4
-18	N/A	N/A	139	0.7	125	1.5	223	1.4
-17	N/A	N/A	144	0.7	130	1.5	219	1.3
-16	N/A	N/A	149	0.7	135	1.5	215	1.3
-15	N/A	N/A	154	0.7	140	1.5	211	1.2
-14	N/A	N/A	159	0.7	145	1.5	206	1.2
-13	N/A	N/A	164	0.7	149	1.5	201	1.1
-12	N/A	N/A	169	0.8	153	1.4	196	1.1
-11	N/A	N/A	175	0.8	157	1.4	191	1.0
-10	N/A	N/A	180	0.8	160	1.3	186	0.9
-9	N/A	N/A	185	0.8	163	1.3	181	0.9
-8	N/A	N/A	190	0.9	166	1.2	176	0.8
-7	N/A	N/A	194	0.9	168	1.1	170	0.8
-6	N/A	N/A	199	0.9	170	1.0	165	0.7
-5	N/A	N/A	203	1.0	172	1.0	160	0.7
-4	N/A	N/A	207	1.0	173	0.9	155	0.6
-3	N/A	N/A	211	1.1	174	0.9	150	0.6
-2	N/A	N/A	214	1.1	174	0.8	145	0.5
-1	N/A	N/A	217	1.1	175	0.8	141	0.5
0	N/A	N/A	219	1.2	175	0.8	136	0.4
1	N/A	N/A	221	1.2	175	0.8	132	0.4
2	N/A	N/A	222	1.3	174	0.8	127	0.4
3	N/A	N/A	223	1.3	174	0.9	123	0.3

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
4	N/A	N/A	223	1.3	173	0.9	119	0.3
5	N/A	N/A	222	1.4	172	1.0	115	0.3
6	N/A	N/A	221	1.4	170	1.0	112	0.2
7	N/A	N/A	219	1.4	168	1.1	108	0.2
8	N/A	N/A	217	1.4	166	1.2	104	0.2
9	N/A	N/A	214	1.4	163	1.3	101	0.2
10	N/A	N/A	211	1.4	160	1.3	98	0.2
11	N/A	N/A	207	1.4	157	1.4	95	0.1
12	N/A	N/A	203	1.3	153	1.4	92	0.1
13	N/A	N/A	198	1.3	149	1.5	89	0.1
14	N/A	N/A	194	1.3	145	1.5	86	0.1
15	N/A	N/A	189	1.2	140	1.5	84	0.1
16	N/A	N/A	183	1.2	135	1.5	81	0.1
17	N/A	N/A	178	1.1	130	1.5	79	0.1
18	N/A	N/A	173	1.1	125	1.5	76	<0.1
19	N/A	N/A	167	1.0	120	1.5	74	<0.1
20	N/A	N/A	162	1.0	115	1.5	72	<0.1
21	N/A	N/A	157	0.9	110	1.4	70	<0.1
22	N/A	N/A	151	0.9	105	1.4	68	<0.1
23	N/A	N/A	146	0.8	101	1.3	66	<0.1
24	N/A	N/A	141	0.8	96	1.3	64	<0.1
25	N/A	N/A	136	0.8	92	1.2	62	<0.1
26	N/A	N/A	131	0.7	87	1.2	60	<0.1
27	N/A	N/A	126	0.7	83	1.1	59	<0.1
28	N/A	N/A	122	0.6	80	1.1	57	<0.1
29	N/A	N/A	117	0.6	76	1.0	55	<0.1
30	N/A	N/A	113	0.6	72	1.0	54	<0.1
31	N/A	N/A	109	0.5	69	0.9	52	<0.1
32	N/A	N/A	105	0.5	66	0.9	51	<0.1
33	N/A	N/A	101	0.5	63	0.8	50	0.1
34	N/A	N/A	98	0.5	60	0.8	48	0.1
35	N/A	N/A	94	0.4	58	0.8	47	0.1
36	N/A	N/A	91	0.4	55	0.7	46	0.1
37	N/A	N/A	88	0.4	53	0.7	45	0.1
38	N/A	N/A	85	0.4	50	0.6	44	0.1
39	N/A	N/A	82	0.4	48	0.6	43	0.1
40	N/A	N/A	79	0.3	46	0.6	42	0.1
41	N/A	N/A	76	0.3	44	0.5	41	0.1
42	N/A	N/A	74	0.3	43	0.5	40	0.1
43	N/A	N/A	71	0.3	41	0.5	39	0.1
44	N/A	N/A	69	0.3	39	0.5	38	0.1
45	N/A	N/A	66	0.3	38	0.4	37	0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
46	N/A	N/A	64	0.3	36	0.4	36	0.1
47	N/A	N/A	62	0.2	35	0.4	35	0.1
48	N/A	N/A	60	0.2	34	0.4	34	0.1
49	N/A	N/A	58	0.2	32	0.4	34	0.1
50	N/A	N/A	56	0.2	31	0.3	33	0.1
51	N/A	N/A	55	0.2	30	0.3	32	0.1
52	N/A	N/A	53	0.2	29	0.3	31	0.1
53	N/A	N/A	51	0.2	28	0.3	31	0.1
54	N/A	N/A	50	0.2	27	0.3	30	0.1
55	N/A	N/A	48	0.2	26	0.3	29	0.1
56	N/A	N/A	47	0.2	25	0.3	29	0.1
57	N/A	N/A	45	0.2	25	0.3	28	0.1
58	N/A	N/A	44	0.2	24	0.2	28	0.1
59	N/A	N/A	43	0.2	23	0.2	27	0.1
60	N/A	N/A	42	0.2	22	0.2	26	0.1
61	N/A	N/A	40	0.2	22	0.2	26	0.1
62	N/A	N/A	39	0.2	21	0.2	25	0.1
63	N/A	N/A	38	0.2	20	0.2	25	0.1
64	N/A	N/A	37	0.1	20	0.2	24	0.1
65	N/A	N/A	36	0.1	19	0.2	24	0.1
66	N/A	N/A	35	0.1	19	0.2	23	0.1
67	N/A	N/A	34	0.1	18	0.2	23	0.1
68	N/A	N/A	33	0.1	18	0.2	23	0.1
69	N/A	N/A	33	0.1	17	0.2	22	0.1
70	N/A	N/A	32	0.1	17	0.1	22	0.1
71	N/A	N/A	31	0.1	16	0.1	21	0.1
72	N/A	N/A	30	0.1	16	0.1	21	0.1
73	N/A	N/A	29	0.1	15	0.1	21	0.1
74	N/A	N/A	29	0.1	15	0.1	20	0.1
75	N/A	N/A	28	0.1	15	0.1	20	0.1
76	N/A	N/A	27	0.1	14	0.1	19	0.1
77	N/A	N/A	27	0.1	14	0.1	19	0.1
78	N/A	N/A	26	0.1	14	0.1	19	0.1
79	N/A	N/A	25	0.1	13	0.1	18	0.1
80	N/A	N/A	25	0.1	13	0.1	18	0.1
81	N/A	N/A	24	0.1	13	0.1	18	0.1
82	N/A	N/A	24	0.1	12	0.1	18	<0.1
83	N/A	N/A	23	0.1	12	0.1	17	<0.1
84	N/A	N/A	23	0.1	12	0.1	17	<0.1
85	N/A	N/A	22	0.1	12	0.1	17	<0.1
86	N/A	N/A	22	0.1	11	0.1	16	<0.1
87	N/A	N/A	21	0.1	11	0.1	16	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
88	N/A	N/A	21	0.1	11	0.1	16	<0.1
89	N/A	N/A	20	0.1	11	0.1	16	<0.1
90	N/A	N/A	20	0.1	10	0.1	15	<0.1
91	N/A	N/A	19	0.1	10	0.1	15	<0.1
92	N/A	N/A	19	0.1	9.9	0.1	15	<0.1
93	N/A	N/A	19	0.1	9.7	0.1	15	<0.1
94	N/A	N/A	18	0.1	9.5	0.1	14	<0.1
95	N/A	N/A	18	0.1	9.3	0.1	14	<0.1
96	N/A	N/A	18	0.1	9.1	0.1	14	<0.1
97	N/A	N/A	17	0.1	8.9	0.1	14	<0.1
98	N/A	N/A	17	0.1	8.7	0.1	14	<0.1
99	N/A	N/A	17	0.1	8.5	0.1	13	<0.1
100	N/A	N/A	16	0.1	8.4	0.1	13	<0.1
101	N/A	N/A	16	0.1	8.2	0.1	13	<0.1
102	N/A	N/A	16	0.1	8.1	0.1	13	<0.1
103	N/A	N/A	15	0.1	7.9	0.1	13	<0.1
104	N/A	N/A	15	0.1	7.8	<0.1	12	<0.1
105	N/A	N/A	15	0.1	7.6	<0.1	12	<0.1
106	N/A	N/A	14	0.1	7.5	<0.1	12	<0.1
107	N/A	N/A	14	0.1	7.3	<0.1	12	<0.1
108	N/A	N/A	14	0.1	7.2	<0.1	12	<0.1
109	N/A	N/A	14	0.1	7.1	<0.1	12	<0.1
110	N/A	N/A	13	0.1	6.9	<0.1	11	<0.1
111	N/A	N/A	13	0.1	6.8	<0.1	11	<0.1
112	N/A	N/A	13	0.1	6.7	<0.1	11	<0.1
113	N/A	N/A	13	0.1	6.6	<0.1	11	<0.1
114	N/A	N/A	13	0.1	6.5	<0.1	11	<0.1
115	N/A	N/A	12	0.1	6.4	<0.1	11	<0.1
116	N/A	N/A	12	0.1	6.3	<0.1	10	<0.1
117	N/A	N/A	12	<0.1	6.2	<0.1	10	<0.1
118	N/A	N/A	12	<0.1	6.1	<0.1	10	<0.1
119	N/A	N/A	12	<0.1	6.0	<0.1	10	<0.1
120	N/A	N/A	11	<0.1	5.9	<0.1	9.9	<0.1
121	N/A	N/A	11	<0.1	5.8	<0.1	9.8	<0.1
122	N/A	N/A	11	<0.1	5.7	<0.1	9.7	<0.1
123	N/A	N/A	11	<0.1	5.6	<0.1	9.5	<0.1
124	N/A	N/A	11	<0.1	5.5	<0.1	9.4	<0.1
125	N/A	N/A	10	<0.1	5.4	<0.1	9.3	<0.1
126	N/A	N/A	10	<0.1	5.3	<0.1	9.2	<0.1
127	N/A	N/A	10	<0.1	5.2	<0.1	9.1	<0.1
128	N/A	N/A	10	<0.1	5.2	<0.1	9.0	<0.1
129	N/A	N/A	9.9	<0.1	5.1	<0.1	8.8	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
130	N/A	N/A	9.7	<0.1	5.0	<0.1	8.7	<0.1
131	N/A	N/A	9.6	<0.1	4.9	<0.1	8.6	<0.1
132	N/A	N/A	9.4	<0.1	4.9	<0.1	8.5	<0.1
133	N/A	N/A	9.3	<0.1	4.8	<0.1	8.4	<0.1
134	N/A	N/A	9.1	<0.1	4.7	<0.1	8.3	<0.1
135	N/A	N/A	9.0	<0.1	4.6	<0.1	8.2	<0.1
136	N/A	N/A	8.9	<0.1	4.6	<0.1	8.1	<0.1
137	N/A	N/A	8.7	<0.1	4.5	<0.1	8.0	<0.1
138	N/A	N/A	8.6	<0.1	4.4	<0.1	7.9	<0.1
139	N/A	N/A	8.5	<0.1	4.4	<0.1	7.8	<0.1
140	N/A	N/A	8.4	<0.1	4.3	<0.1	7.7	<0.1
141	N/A	N/A	8.3	<0.1	4.3	<0.1	7.7	<0.1
142	N/A	N/A	8.1	<0.1	4.2	<0.1	7.6	<0.1
143	N/A	N/A	8.0	<0.1	4.1	<0.1	7.5	<0.1
144	N/A	N/A	7.9	<0.1	4.1	<0.1	7.4	<0.1
145	N/A	N/A	7.8	<0.1	4.0	<0.1	7.3	<0.1
146	N/A	N/A	7.7	<0.1	4.0	<0.1	7.2	<0.1
147	N/A	N/A	7.6	<0.1	3.9	<0.1	7.1	<0.1
148	N/A	N/A	7.5	<0.1	3.9	<0.1	7.1	<0.1
149	N/A	N/A	7.4	<0.1	3.8	<0.1	7.0	<0.1
150	N/A	N/A	7.3	<0.1	3.8	<0.1	6.9	<0.1
151	N/A	N/A	7.2	<0.1	3.7	<0.1	6.8	<0.1
152	N/A	N/A	7.1	<0.1	3.7	<0.1	6.8	<0.1
153	N/A	N/A	7.0	<0.1	3.6	<0.1	6.7	<0.1
154	N/A	N/A	6.9	<0.1	3.6	<0.1	6.6	<0.1
155	N/A	N/A	6.8	<0.1	3.5	<0.1	6.5	<0.1
156	N/A	N/A	6.7	<0.1	3.5	<0.1	6.5	<0.1
157	N/A	N/A	6.7	<0.1	3.4	<0.1	6.4	<0.1
158	N/A	N/A	6.6	<0.1	3.4	<0.1	6.3	<0.1
159	N/A	N/A	6.5	<0.1	3.4	<0.1	6.3	<0.1
160	N/A	N/A	6.4	<0.1	3.3	<0.1	6.2	<0.1
161	N/A	N/A	6.3	<0.1	3.3	<0.1	6.1	<0.1
162	N/A	N/A	6.3	<0.1	3.2	<0.1	6.1	<0.1
163	N/A	N/A	6.2	<0.1	3.2	<0.1	6.0	<0.1
164	N/A	N/A	6.1	<0.1	3.2	<0.1	6.0	<0.1
165	N/A	N/A	6.0	<0.1	3.1	<0.1	5.9	<0.1
166	N/A	N/A	6.0	<0.1	3.1	<0.1	5.8	<0.1
167	N/A	N/A	5.9	<0.1	3.0	<0.1	5.8	<0.1
168	N/A	N/A	5.8	<0.1	3.0	<0.1	5.7	<0.1
169	N/A	N/A	5.7	<0.1	3.0	<0.1	5.7	<0.1
170	N/A	N/A	5.7	<0.1	2.9	<0.1	5.6	<0.1
171	N/A	N/A	5.6	<0.1	2.9	<0.1	5.5	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
172	N/A	N/A	5.5	<0.1	2.9	<0.1	5.5	<0.1
173	N/A	N/A	5.5	<0.1	2.8	<0.1	5.4	<0.1
174	N/A	N/A	5.4	<0.1	2.8	<0.1	5.4	<0.1
175	N/A	N/A	5.4	<0.1	2.8	<0.1	5.3	<0.1
176	N/A	N/A	5.3	<0.1	2.7	<0.1	5.3	<0.1
177	N/A	N/A	5.2	<0.1	2.7	<0.1	5.2	<0.1
178	N/A	N/A	5.2	<0.1	2.7	<0.1	5.2	<0.1
179	N/A	N/A	5.1	<0.1	2.7	<0.1	5.1	<0.1
180	N/A	N/A	5.1	<0.1	2.6	<0.1	5.1	<0.1
181	N/A	N/A	5.0	<0.1	2.6	<0.1	5.0	<0.1
182	N/A	N/A	5.0	<0.1	2.6	<0.1	5.0	<0.1
183	N/A	N/A	4.9	<0.1	2.5	<0.1	4.9	<0.1
184	N/A	N/A	4.8	<0.1	2.5	<0.1	4.9	<0.1
185	N/A	N/A	4.8	<0.1	2.5	<0.1	4.8	<0.1
186	N/A	N/A	4.7	<0.1	2.5	<0.1	4.8	<0.1
187	N/A	N/A	4.7	<0.1	2.4	<0.1	4.8	<0.1
188	N/A	N/A	4.6	<0.1	2.4	<0.1	4.7	<0.1
189	N/A	N/A	4.6	<0.1	2.4	<0.1	4.7	<0.1
190	N/A	N/A	4.5	<0.1	2.4	<0.1	4.6	<0.1
191	N/A	N/A	4.5	<0.1	2.3	<0.1	4.6	<0.1
192	N/A	N/A	4.4	<0.1	2.3	<0.1	4.5	<0.1
193	N/A	N/A	4.4	<0.1	2.3	<0.1	4.5	<0.1
194	N/A	N/A	4.4	<0.1	2.3	<0.1	4.5	<0.1
195	N/A	N/A	4.3	<0.1	2.2	<0.1	4.4	<0.1
196	N/A	N/A	4.3	<0.1	2.2	<0.1	4.4	<0.1
197	N/A	N/A	4.2	<0.1	2.2	<0.1	4.3	<0.1
198	N/A	N/A	4.2	<0.1	2.2	<0.1	4.3	<0.1
199	N/A	N/A	4.1	<0.1	2.1	<0.1	4.3	<0.1
200	N/A	N/A	4.1	<0.1	2.1	<0.1	4.2	<0.1
201	N/A	N/A	4.1	<0.1	2.1	<0.1	4.2	<0.1
202	N/A	N/A	4.0	<0.1	2.1	<0.1	4.2	<0.1
203	N/A	N/A	4.0	<0.1	2.1	<0.1	4.1	<0.1
204	N/A	N/A	3.9	<0.1	2.0	<0.1	4.1	<0.1
205	N/A	N/A	3.9	<0.1	2.0	<0.1	4.1	<0.1
206	N/A	N/A	3.9	<0.1	2.0	<0.1	4.0	<0.1
207	N/A	N/A	3.8	<0.1	2.0	<0.1	4.0	<0.1
208	N/A	N/A	3.8	<0.1	2.0	<0.1	4.0	<0.1
209	N/A	N/A	3.8	<0.1	1.9	<0.1	3.9	<0.1
210	N/A	N/A	3.7	<0.1	1.9	<0.1	3.9	<0.1
211	N/A	N/A	3.7	<0.1	1.9	<0.1	3.9	<0.1
212	N/A	N/A	3.6	<0.1	1.9	<0.1	3.8	<0.1
213	N/A	N/A	3.6	<0.1	1.9	<0.1	3.8	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
214	N/A	N/A	3.6	<0.1	1.9	<0.1	3.8	<0.1
215	N/A	N/A	3.5	<0.1	1.8	<0.1	3.7	<0.1
216	N/A	N/A	3.5	<0.1	1.8	<0.1	3.7	<0.1
217	N/A	N/A	3.5	<0.1	1.8	<0.1	3.7	<0.1
218	N/A	N/A	3.4	<0.1	1.8	<0.1	3.6	<0.1
219	N/A	N/A	3.4	<0.1	1.8	<0.1	3.6	<0.1
220	N/A	N/A	3.4	<0.1	1.8	<0.1	3.6	<0.1
221	N/A	N/A	3.4	<0.1	1.7	<0.1	3.6	<0.1
222	N/A	N/A	3.3	<0.1	1.7	<0.1	3.5	<0.1
223	N/A	N/A	3.3	<0.1	1.7	<0.1	3.5	<0.1
224	N/A	N/A	3.3	<0.1	1.7	<0.1	3.5	<0.1
225	N/A	N/A	3.2	<0.1	1.7	<0.1	3.4	<0.1
226	N/A	N/A	3.2	<0.1	1.7	<0.1	3.4	<0.1
227	N/A	N/A	3.2	<0.1	1.7	<0.1	3.4	<0.1
228	N/A	N/A	3.1	<0.1	1.6	<0.1	3.4	<0.1
229	N/A	N/A	3.1	<0.1	1.6	<0.1	3.3	<0.1
230	N/A	N/A	3.1	<0.1	1.6	<0.1	3.3	<0.1
231	N/A	N/A	3.1	<0.1	1.6	<0.1	3.3	<0.1
232	N/A	N/A	3.0	<0.1	1.6	<0.1	3.3	<0.1
233	N/A	N/A	3.0	<0.1	1.6	<0.1	3.2	<0.1
234	N/A	N/A	3.0	<0.1	1.6	<0.1	3.2	<0.1
235	N/A	N/A	3.0	<0.1	1.5	<0.1	3.2	<0.1
236	N/A	N/A	2.9	<0.1	1.5	<0.1	3.2	<0.1
237	N/A	N/A	2.9	<0.1	1.5	<0.1	3.1	<0.1
238	N/A	N/A	2.9	<0.1	1.5	<0.1	3.1	<0.1
239	N/A	N/A	2.9	<0.1	1.5	<0.1	3.1	<0.1
240	N/A	N/A	2.8	<0.1	1.5	<0.1	3.1	<0.1
241	N/A	N/A	2.8	<0.1	1.5	<0.1	3.0	<0.1
242	N/A	N/A	2.8	<0.1	1.5	<0.1	3.0	<0.1
243	N/A	N/A	2.8	<0.1	1.4	<0.1	3.0	<0.1
244	N/A	N/A	2.7	<0.1	1.4	<0.1	3.0	<0.1
245	N/A	N/A	2.7	<0.1	1.4	<0.1	3.0	<0.1
246	N/A	N/A	2.7	<0.1	1.4	<0.1	2.9	<0.1
247	N/A	N/A	2.7	<0.1	1.4	<0.1	2.9	<0.1
248	N/A	N/A	2.7	<0.1	1.4	<0.1	2.9	<0.1
249	N/A	N/A	2.6	<0.1	1.4	<0.1	2.9	<0.1
250	N/A	N/A	2.6	<0.1	1.4	<0.1	2.8	<0.1
251	N/A	N/A	2.6	<0.1	1.4	<0.1	2.8	<0.1
252	N/A	N/A	2.6	<0.1	1.3	<0.1	2.8	<0.1
253	N/A	N/A	2.6	<0.1	1.3	<0.1	2.8	<0.1
254	N/A	N/A	2.5	<0.1	1.3	<0.1	2.8	<0.1
255	N/A	N/A	2.5	<0.1	1.3	<0.1	2.7	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
256	N/A	N/A	2.5	<0.1	1.3	<0.1	2.7	<0.1
257	N/A	N/A	2.5	<0.1	1.3	<0.1	2.7	<0.1
258	N/A	N/A	2.5	<0.1	1.3	<0.1	2.7	<0.1
259	N/A	N/A	2.4	<0.1	1.3	<0.1	2.7	<0.1
260	N/A	N/A	2.4	<0.1	1.3	<0.1	2.7	<0.1
261	N/A	N/A	2.4	<0.1	1.3	<0.1	2.6	<0.1
262	N/A	N/A	2.4	<0.1	1.2	<0.1	2.6	<0.1
263	N/A	N/A	2.4	<0.1	1.2	<0.1	2.6	<0.1
264	N/A	N/A	2.3	<0.1	1.2	<0.1	2.6	<0.1
265	N/A	N/A	2.3	<0.1	1.2	<0.1	2.6	<0.1
266	N/A	N/A	2.3	<0.1	1.2	<0.1	2.5	<0.1
267	N/A	N/A	2.3	<0.1	1.2	<0.1	2.5	<0.1
268	N/A	N/A	2.3	<0.1	1.2	<0.1	2.5	<0.1
269	N/A	N/A	2.3	<0.1	1.2	<0.1	2.5	<0.1
270	N/A	N/A	2.2	<0.1	1.2	<0.1	2.5	<0.1
271	N/A	N/A	2.2	<0.1	1.2	<0.1	2.5	<0.1
272	N/A	N/A	2.2	<0.1	1.2	<0.1	2.4	<0.1
273	N/A	N/A	2.2	<0.1	1.1	<0.1	2.4	<0.1
274	N/A	N/A	2.2	<0.1	1.1	<0.1	2.4	<0.1
275	N/A	N/A	2.2	<0.1	1.1	<0.1	2.4	<0.1
276	N/A	N/A	2.1	<0.1	1.1	<0.1	2.4	<0.1
277	N/A	N/A	2.1	<0.1	1.1	<0.1	2.4	<0.1
278	N/A	N/A	2.1	<0.1	1.1	<0.1	2.4	<0.1
279	N/A	N/A	2.1	<0.1	1.1	<0.1	2.3	<0.1
280	N/A	N/A	2.1	<0.1	1.1	<0.1	2.3	<0.1
281	N/A	N/A	2.1	<0.1	1.1	<0.1	2.3	<0.1
282	N/A	N/A	2.0	<0.1	1.1	<0.1	2.3	<0.1
283	N/A	N/A	2.0	<0.1	1.1	<0.1	2.3	<0.1
284	N/A	N/A	2.0	<0.1	1.1	<0.1	2.3	<0.1
285	N/A	N/A	2.0	<0.1	1.0	<0.1	2.2	<0.1
286	N/A	N/A	2.0	<0.1	1.0	<0.1	2.2	<0.1
287	N/A	N/A	2.0	<0.1	1.0	<0.1	2.2	<0.1
288	N/A	N/A	2.0	<0.1	1.0	<0.1	2.2	<0.1
289	N/A	N/A	2.0	<0.1	1.0	<0.1	2.2	<0.1
290	N/A	N/A	1.9	<0.1	1.0	<0.1	2.2	<0.1
291	N/A	N/A	1.9	<0.1	1.0	<0.1	2.2	<0.1
292	N/A	N/A	1.9	<0.1	1.0	<0.1	2.2	<0.1
293	N/A	N/A	1.9	<0.1	1.0	<0.1	2.1	<0.1
294	N/A	N/A	1.9	<0.1	1.0	<0.1	2.1	<0.1
295	N/A	N/A	1.9	<0.1	1.0	<0.1	2.1	<0.1
296	N/A	N/A	1.9	<0.1	1.0	<0.1	2.1	<0.1
297	N/A	N/A	1.8	<0.1	1.0	<0.1	2.1	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
298	N/A	N/A	1.8	<0.1	1.0	<0.1	2.1	<0.1
299	N/A	N/A	1.8	<0.1	1.0	<0.1	2.1	<0.1
300	N/A	N/A	1.8	<0.1	0.9	<0.1	2.0	<0.1
301	N/A	N/A	1.8	<0.1	0.9	<0.1	2.0	<0.1
302	N/A	N/A	1.8	<0.1	0.9	<0.1	2.0	<0.1
303	N/A	N/A	1.8	<0.1	0.9	<0.1	2.0	<0.1
304	N/A	N/A	1.8	<0.1	0.9	<0.1	2.0	<0.1
305	N/A	N/A	1.7	<0.1	0.9	<0.1	2.0	<0.1
306	N/A	N/A	1.7	<0.1	0.9	<0.1	2.0	<0.1
307	N/A	N/A	1.7	<0.1	0.9	<0.1	2.0	<0.1
308	N/A	N/A	1.7	<0.1	0.9	<0.1	2.0	<0.1
309	N/A	N/A	1.7	<0.1	0.9	<0.1	1.9	<0.1
310	N/A	N/A	1.7	<0.1	0.9	<0.1	1.9	<0.1
311	N/A	N/A	1.7	<0.1	0.9	<0.1	1.9	<0.1
312	N/A	N/A	1.7	<0.1	0.9	<0.1	1.9	<0.1
313	N/A	N/A	1.7	<0.1	0.9	<0.1	1.9	<0.1
314	N/A	N/A	1.6	<0.1	0.9	<0.1	1.9	<0.1
315	N/A	N/A	1.6	<0.1	0.9	<0.1	1.9	<0.1
316	N/A	N/A	1.6	<0.1	0.9	<0.1	1.9	<0.1
317	N/A	N/A	1.6	<0.1	0.8	<0.1	1.8	<0.1
318	N/A	N/A	1.6	<0.1	0.8	<0.1	1.8	<0.1
319	N/A	N/A	1.6	<0.1	0.8	<0.1	1.8	<0.1
320	N/A	N/A	1.6	<0.1	0.8	<0.1	1.8	<0.1
321	N/A	N/A	1.6	<0.1	0.8	<0.1	1.8	<0.1
322	N/A	N/A	1.6	<0.1	0.8	<0.1	1.8	<0.1
323	N/A	N/A	1.6	<0.1	0.8	<0.1	1.8	<0.1
324	N/A	N/A	1.5	<0.1	0.8	<0.1	1.8	<0.1
325	N/A	N/A	1.5	<0.1	0.8	<0.1	1.8	<0.1
326	N/A	N/A	1.5	<0.1	0.8	<0.1	1.8	<0.1
327	N/A	N/A	1.5	<0.1	0.8	<0.1	1.7	<0.1
328	N/A	N/A	1.5	<0.1	0.8	<0.1	1.7	<0.1
329	N/A	N/A	1.5	<0.1	0.8	<0.1	1.7	<0.1
330	N/A	N/A	1.5	<0.1	0.8	<0.1	1.7	<0.1
331	N/A	N/A	1.5	<0.1	0.8	<0.1	1.7	<0.1
332	N/A	N/A	1.5	<0.1	0.8	<0.1	1.7	<0.1
333	N/A	N/A	1.5	<0.1	0.8	<0.1	1.7	<0.1
334	N/A	N/A	1.5	<0.1	0.8	<0.1	1.7	<0.1
335	N/A	N/A	1.4	<0.1	0.8	<0.1	1.7	<0.1
336	N/A	N/A	1.4	<0.1	0.8	<0.1	1.7	<0.1
337	N/A	N/A	1.4	<0.1	0.8	<0.1	1.7	<0.1
338	N/A	N/A	1.4	<0.1	0.7	<0.1	1.6	<0.1
339	N/A	N/A	1.4	<0.1	0.7	<0.1	1.6	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
340	N/A	N/A	1.4	<0.1	0.7	<0.1	1.6	<0.1
341	N/A	N/A	1.4	<0.1	0.7	<0.1	1.6	<0.1
342	N/A	N/A	1.4	<0.1	0.7	<0.1	1.6	<0.1
343	N/A	N/A	1.4	<0.1	0.7	<0.1	1.6	<0.1
344	N/A	N/A	1.4	<0.1	0.7	<0.1	1.6	<0.1
345	N/A	N/A	1.4	<0.1	0.7	<0.1	1.6	<0.1
346	N/A	N/A	1.4	<0.1	0.7	<0.1	1.6	<0.1
347	N/A	N/A	1.3	<0.1	0.7	<0.1	1.6	<0.1
348	N/A	N/A	1.3	<0.1	0.7	<0.1	1.6	<0.1
349	N/A	N/A	1.3	<0.1	0.7	<0.1	1.5	<0.1
350	N/A	N/A	1.3	<0.1	0.7	<0.1	1.5	<0.1
351	N/A	N/A	1.3	<0.1	0.7	<0.1	1.5	<0.1
352	N/A	N/A	1.3	<0.1	0.7	<0.1	1.5	<0.1
353	N/A	N/A	1.3	<0.1	0.7	<0.1	1.5	<0.1
354	N/A	N/A	1.3	<0.1	0.7	<0.1	1.5	<0.1
355	N/A	N/A	1.3	<0.1	0.7	<0.1	1.5	<0.1
356	N/A	N/A	1.3	<0.1	0.7	<0.1	1.5	<0.1
357	N/A	N/A	1.3	<0.1	0.7	<0.1	1.5	<0.1
358	N/A	N/A	1.3	<0.1	0.7	<0.1	1.5	<0.1
359	N/A	N/A	1.3	<0.1	0.7	<0.1	1.5	<0.1
360	N/A	N/A	1.3	<0.1	0.7	<0.1	1.5	<0.1
361	N/A	N/A	1.2	<0.1	0.7	<0.1	1.5	<0.1
362	N/A	N/A	1.2	<0.1	0.7	<0.1	1.4	<0.1
363	N/A	N/A	1.2	<0.1	0.6	<0.1	1.4	<0.1
364	N/A	N/A	1.2	<0.1	0.6	<0.1	1.4	<0.1
365	N/A	N/A	1.2	<0.1	0.6	<0.1	1.4	<0.1
366	N/A	N/A	1.2	<0.1	0.6	<0.1	1.4	<0.1
367	N/A	N/A	1.2	<0.1	0.6	<0.1	1.4	<0.1
368	N/A	N/A	1.2	<0.1	0.6	<0.1	1.4	<0.1
369	N/A	N/A	1.2	<0.1	0.6	<0.1	1.4	<0.1
370	N/A	N/A	1.2	<0.1	0.6	<0.1	1.4	<0.1
371	N/A	N/A	1.2	<0.1	0.6	<0.1	1.4	<0.1
372	N/A	N/A	1.2	<0.1	0.6	<0.1	1.4	<0.1
373	N/A	N/A	1.2	<0.1	0.6	<0.1	1.4	<0.1
374	N/A	N/A	1.2	<0.1	0.6	<0.1	1.4	<0.1
375	N/A	N/A	1.2	<0.1	0.6	<0.1	1.4	<0.1
376	N/A	N/A	1.1	<0.1	0.6	<0.1	1.3	<0.1
377	N/A	N/A	1.1	<0.1	0.6	<0.1	1.3	<0.1
378	N/A	N/A	1.1	<0.1	0.6	<0.1	1.3	<0.1
379	N/A	N/A	1.1	<0.1	0.6	<0.1	1.3	<0.1
380	N/A	N/A	1.1	<0.1	0.6	<0.1	1.3	<0.1
381	N/A	N/A	1.1	<0.1	0.6	<0.1	1.3	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
382	N/A	N/A	1.1	<0.1	0.6	<0.1	1.3	<0.1
383	N/A	N/A	1.1	<0.1	0.6	<0.1	1.3	<0.1
384	N/A	N/A	1.1	<0.1	0.6	<0.1	1.3	<0.1
385	N/A	N/A	1.1	<0.1	0.6	<0.1	1.3	<0.1
386	N/A	N/A	1.1	<0.1	0.6	<0.1	1.3	<0.1
387	N/A	N/A	1.1	<0.1	0.6	<0.1	1.3	<0.1
388	N/A	N/A	1.1	<0.1	0.6	<0.1	1.3	<0.1
389	N/A	N/A	1.1	<0.1	0.6	<0.1	1.3	<0.1
390	N/A	N/A	1.1	<0.1	0.6	<0.1	1.3	<0.1
391	N/A	N/A	1.1	<0.1	0.6	<0.1	1.3	<0.1
392	N/A	N/A	1.1	<0.1	0.6	<0.1	1.2	<0.1
393	N/A	N/A	1.0	<0.1	0.6	<0.1	1.2	<0.1
394	N/A	N/A	1.0	<0.1	0.5	<0.1	1.2	<0.1
395	N/A	N/A	1.0	<0.1	0.5	<0.1	1.2	<0.1
396	N/A	N/A	1.0	<0.1	0.5	<0.1	1.2	<0.1
397	N/A	N/A	1.0	<0.1	0.5	<0.1	1.2	<0.1
398	N/A	N/A	1.0	<0.1	0.5	<0.1	1.2	<0.1
399	N/A	N/A	1.0	<0.1	0.5	<0.1	1.2	<0.1
400	N/A	N/A	1.0	<0.1	0.5	<0.1	1.2	<0.1
401	N/A	N/A	1.0	<0.1	0.5	<0.1	1.2	<0.1
402	N/A	N/A	1.0	<0.1	0.5	<0.1	1.2	<0.1
403	N/A	N/A	1.0	<0.1	0.5	<0.1	1.2	<0.1
404	N/A	N/A	1.0	<0.1	0.5	<0.1	1.2	<0.1
405	N/A	N/A	1.0	<0.1	0.5	<0.1	1.2	<0.1
406	N/A	N/A	1.0	<0.1	0.5	<0.1	1.2	<0.1
407	N/A	N/A	1.0	<0.1	0.5	<0.1	1.2	<0.1
408	N/A	N/A	1.0	<0.1	0.5	<0.1	1.2	<0.1
409	N/A	N/A	1.0	<0.1	0.5	<0.1	1.2	<0.1
410	N/A	N/A	1.0	<0.1	0.5	<0.1	1.1	<0.1
411	N/A	N/A	1.0	<0.1	0.5	<0.1	1.1	<0.1
412	N/A	N/A	1.0	<0.1	0.5	<0.1	1.1	<0.1
413	N/A	N/A	0.9	<0.1	0.5	<0.1	1.1	<0.1
414	N/A	N/A	0.9	<0.1	0.5	<0.1	1.1	<0.1
415	N/A	N/A	0.9	<0.1	0.5	<0.1	1.1	<0.1
416	N/A	N/A	0.9	<0.1	0.5	<0.1	1.1	<0.1
417	N/A	N/A	0.9	<0.1	0.5	<0.1	1.1	<0.1
418	N/A	N/A	0.9	<0.1	0.5	<0.1	1.1	<0.1
419	N/A	N/A	0.9	<0.1	0.5	<0.1	1.1	<0.1
420	N/A	N/A	0.9	<0.1	0.5	<0.1	1.1	<0.1
421	N/A	N/A	0.9	<0.1	0.5	<0.1	1.1	<0.1
422	N/A	N/A	0.9	<0.1	0.5	<0.1	1.1	<0.1
423	N/A	N/A	0.9	<0.1	0.5	<0.1	1.1	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
424	N/A	N/A	0.9	<0.1	0.5	<0.1	1.1	<0.1
425	N/A	N/A	0.9	<0.1	0.5	<0.1	1.1	<0.1
426	N/A	N/A	0.9	<0.1	0.5	<0.1	1.1	<0.1
427	N/A	N/A	0.9	<0.1	0.5	<0.1	1.1	<0.1
428	N/A	N/A	0.9	<0.1	0.5	<0.1	1.1	<0.1
429	N/A	N/A	0.9	<0.1	0.5	<0.1	1.1	<0.1
430	N/A	N/A	0.9	<0.1	0.5	<0.1	1.0	<0.1
431	N/A	N/A	0.9	<0.1	0.5	<0.1	1.0	<0.1
432	N/A	N/A	0.9	<0.1	0.5	<0.1	1.0	<0.1
433	N/A	N/A	0.9	<0.1	0.5	<0.1	1.0	<0.1
434	N/A	N/A	0.9	<0.1	0.5	<0.1	1.0	<0.1
435	N/A	N/A	0.9	<0.1	0.5	<0.1	1.0	<0.1
436	N/A	N/A	0.9	<0.1	0.4	<0.1	1.0	<0.1
437	N/A	N/A	0.8	<0.1	0.4	<0.1	1.0	<0.1
438	N/A	N/A	0.8	<0.1	0.4	<0.1	1.0	<0.1
439	N/A	N/A	0.8	<0.1	0.4	<0.1	1.0	<0.1
440	N/A	N/A	0.8	<0.1	0.4	<0.1	1.0	<0.1
441	N/A	N/A	0.8	<0.1	0.4	<0.1	1.0	<0.1
442	N/A	N/A	0.8	<0.1	0.4	<0.1	1.0	<0.1
443	N/A	N/A	0.8	<0.1	0.4	<0.1	1.0	<0.1
444	N/A	N/A	0.8	<0.1	0.4	<0.1	1.0	<0.1
445	N/A	N/A	0.8	<0.1	0.4	<0.1	1.0	<0.1
446	N/A	N/A	0.8	<0.1	0.4	<0.1	1.0	<0.1
447	N/A	N/A	0.8	<0.1	0.4	<0.1	1.0	<0.1
448	N/A	N/A	0.8	<0.1	0.4	<0.1	1.0	<0.1
449	N/A	N/A	0.8	<0.1	0.4	<0.1	1.0	<0.1
450	N/A	N/A	0.8	<0.1	0.4	<0.1	1.0	<0.1
451	N/A	N/A	0.8	<0.1	0.4	<0.1	1.0	<0.1
452	N/A	N/A	0.8	<0.1	0.4	<0.1	1.0	<0.1
453	N/A	N/A	0.8	<0.1	0.4	<0.1	0.9	<0.1
454	N/A	N/A	0.8	<0.1	0.4	<0.1	0.9	<0.1
455	N/A	N/A	0.8	<0.1	0.4	<0.1	0.9	<0.1
456	N/A	N/A	0.8	<0.1	0.4	<0.1	0.9	<0.1
457	N/A	N/A	0.8	<0.1	0.4	<0.1	0.9	<0.1
458	N/A	N/A	0.8	<0.1	0.4	<0.1	0.9	<0.1
459	N/A	N/A	0.8	<0.1	0.4	<0.1	0.9	<0.1
460	N/A	N/A	0.8	<0.1	0.4	<0.1	0.9	<0.1
461	N/A	N/A	0.8	<0.1	0.4	<0.1	0.9	<0.1
462	N/A	N/A	0.8	<0.1	0.4	<0.1	0.9	<0.1
463	N/A	N/A	0.8	<0.1	0.4	<0.1	0.9	<0.1
464	N/A	N/A	0.7	<0.1	0.4	<0.1	0.9	<0.1
465	N/A	N/A	0.7	<0.1	0.4	<0.1	0.9	<0.1

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Table D-2 – Continued from previous page

Dist (feet)	XS-946-3 Existing Magnetic Field Maximum (mG)	XS-946-3 Existing Electric Field Resultant (kV/m)	XS-946-3 Proposed Magnetic Field Maximum (mG)	XS-946-3 Proposed Electric Field Resultant (kV/m)	XS-946-4 Existing Magnetic Field Maximum (mG)	XS-946-4 Existing Electric Field Resultant (kV/m)	XS-946-4 Proposed Magnetic Field Maximum (mG)	XS-946-4 Proposed Electric Field Resultant (kV/m)
466	N/A	N/A	0.7	<0.1	0.4	<0.1	0.9	<0.1
467	N/A	N/A	0.7	<0.1	0.4	<0.1	0.9	<0.1
468	N/A	N/A	0.7	<0.1	0.4	<0.1	0.9	<0.1
469	N/A	N/A	0.7	<0.1	0.4	<0.1	0.9	<0.1
470	N/A	N/A	0.7	<0.1	0.4	<0.1	0.9	<0.1
471	N/A	N/A	0.7	<0.1	0.4	<0.1	0.9	<0.1
472	N/A	N/A	0.7	<0.1	0.4	<0.1	0.9	<0.1
473	N/A	N/A	0.7	<0.1	0.4	<0.1	0.9	<0.1
474	N/A	N/A	0.7	<0.1	0.4	<0.1	0.9	<0.1
475	N/A	N/A	0.7	<0.1	0.4	<0.1	0.9	<0.1
476	N/A	N/A	0.7	<0.1	0.4	<0.1	0.9	<0.1
477	N/A	N/A	0.7	<0.1	0.4	<0.1	0.9	<0.1
478	N/A	N/A	0.7	<0.1	0.4	<0.1	0.9	<0.1
479	N/A	N/A	0.7	<0.1	0.4	<0.1	0.9	<0.1
480	N/A	N/A	0.7	<0.1	0.4	<0.1	0.9	<0.1
481	N/A	N/A	0.7	<0.1	0.4	<0.1	0.8	<0.1
482	N/A	N/A	0.7	<0.1	0.4	<0.1	0.8	<0.1
483	N/A	N/A	0.7	<0.1	0.4	<0.1	0.8	<0.1
484	N/A	N/A	0.7	<0.1	0.4	<0.1	0.8	<0.1
485	N/A	N/A	0.7	<0.1	0.4	<0.1	0.8	<0.1
486	N/A	N/A	0.7	<0.1	0.4	<0.1	0.8	<0.1
487	N/A	N/A	0.7	<0.1	0.4	<0.1	0.8	<0.1
488	N/A	N/A	0.7	<0.1	0.4	<0.1	0.8	<0.1
489	N/A	N/A	0.7	<0.1	0.4	<0.1	0.8	<0.1
490	N/A	N/A	0.7	<0.1	0.4	<0.1	0.8	<0.1
491	N/A	N/A	0.7	<0.1	0.4	<0.1	0.8	<0.1
492	N/A	N/A	0.7	<0.1	0.4	<0.1	0.8	<0.1
493	N/A	N/A	0.7	<0.1	0.4	<0.1	0.8	<0.1
494	N/A	N/A	0.7	<0.1	0.3	<0.1	0.8	<0.1
495	N/A	N/A	0.7	<0.1	0.3	<0.1	0.8	<0.1
496	N/A	N/A	0.7	<0.1	0.3	<0.1	0.8	<0.1
497	N/A	N/A	0.7	<0.1	0.3	<0.1	0.8	<0.1
498	N/A	N/A	0.7	<0.1	0.3	<0.1	0.8	<0.1
499	N/A	N/A	0.6	<0.1	0.3	<0.1	0.8	<0.1
500	N/A	N/A	0.6	<0.1	0.3	<0.1	0.8	<0.1

Table D-3. Calculated EMF levels for XS-946-5 through XS-946-6

	XS-946-5 Existing		XS-946-5 Proposed		XS-946-6 Existing		XS-946-6 Proposed	
Dist (feet)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)
-500	N/A	N/A	0.8	<0.1	2.3	<0.1	2.0	<0.1
-499	N/A	N/A	0.8	<0.1	2.4	<0.1	2.0	<0.1
-498	N/A	N/A	0.8	<0.1	2.4	<0.1	2.0	<0.1
-497	N/A	N/A	0.8	<0.1	2.4	<0.1	2.0	<0.1
-496	N/A	N/A	0.8	<0.1	2.4	<0.1	2.0	<0.1
-495	N/A	N/A	0.8	<0.1	2.4	<0.1	2.0	<0.1
-494	N/A	N/A	0.8	<0.1	2.4	<0.1	2.0	<0.1
-493	N/A	N/A	0.8	<0.1	2.4	<0.1	2.0	<0.1
-492	N/A	N/A	0.8	<0.1	2.4	<0.1	2.1	<0.1
-491	N/A	N/A	0.8	<0.1	2.5	<0.1	2.1	<0.1
-490	N/A	N/A	0.8	<0.1	2.5	<0.1	2.1	<0.1
-489	N/A	N/A	0.8	<0.1	2.5	<0.1	2.1	<0.1
-488	N/A	N/A	0.8	<0.1	2.5	<0.1	2.1	<0.1
-487	N/A	N/A	0.8	<0.1	2.5	<0.1	2.1	<0.1
-486	N/A	N/A	0.8	<0.1	2.5	<0.1	2.1	<0.1
-485	N/A	N/A	0.8	<0.1	2.5	<0.1	2.1	<0.1
-484	N/A	N/A	0.8	<0.1	2.6	<0.1	2.1	<0.1
-483	N/A	N/A	0.8	<0.1	2.6	<0.1	2.2	<0.1
-482	N/A	N/A	0.8	<0.1	2.6	<0.1	2.2	<0.1
-481	N/A	N/A	0.8	<0.1	2.6	<0.1	2.2	<0.1
-480	N/A	N/A	0.8	<0.1	2.6	<0.1	2.2	<0.1
-479	N/A	N/A	0.8	<0.1	2.6	<0.1	2.2	<0.1
-478	N/A	N/A	0.8	<0.1	2.6	<0.1	2.2	<0.1
-477	N/A	N/A	0.8	<0.1	2.7	<0.1	2.2	<0.1
-476	N/A	N/A	0.9	<0.1	2.7	<0.1	2.2	<0.1
-475	N/A	N/A	0.9	<0.1	2.7	<0.1	2.3	<0.1
-474	N/A	N/A	0.9	<0.1	2.7	<0.1	2.3	<0.1
-473	N/A	N/A	0.9	<0.1	2.7	<0.1	2.3	<0.1
-472	N/A	N/A	0.9	<0.1	2.7	<0.1	2.3	<0.1
-471	N/A	N/A	0.9	<0.1	2.8	<0.1	2.3	<0.1
-470	N/A	N/A	0.9	<0.1	2.8	<0.1	2.3	<0.1
-469	N/A	N/A	0.9	<0.1	2.8	<0.1	2.3	<0.1
-468	N/A	N/A	0.9	<0.1	2.8	<0.1	2.3	<0.1
-467	N/A	N/A	0.9	<0.1	2.8	<0.1	2.4	<0.1
-466	N/A	N/A	0.9	<0.1	2.8	<0.1	2.4	<0.1
-465	N/A	N/A	0.9	<0.1	2.9	<0.1	2.4	<0.1
-464	N/A	N/A	0.9	<0.1	2.9	<0.1	2.4	<0.1
-463	N/A	N/A	0.9	<0.1	2.9	<0.1	2.4	<0.1
-462	N/A	N/A	0.9	<0.1	2.9	<0.1	2.4	<0.1
-461	N/A	N/A	0.9	<0.1	2.9	<0.1	2.4	<0.1
-460	N/A	N/A	0.9	<0.1	2.9	<0.1	2.5	<0.1
-459	N/A	N/A	0.9	<0.1	3.0	<0.1	2.5	<0.1

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
-458	N/A	N/A	0.9	<0.1	3.0	<0.1	2.5	<0.1
-457	N/A	N/A	0.9	<0.1	3.0	<0.1	2.5	<0.1
-456	N/A	N/A	0.9	<0.1	3.0	<0.1	2.5	<0.1
-455	N/A	N/A	0.9	<0.1	3.0	<0.1	2.5	<0.1
-454	N/A	N/A	0.9	<0.1	3.0	<0.1	2.6	<0.1
-453	N/A	N/A	0.9	<0.1	3.1	<0.1	2.6	<0.1
-452	N/A	N/A	0.9	<0.1	3.1	<0.1	2.6	<0.1
-451	N/A	N/A	0.9	<0.1	3.1	<0.1	2.6	<0.1
-450	N/A	N/A	0.9	<0.1	3.1	<0.1	2.6	<0.1
-449	N/A	N/A	0.9	<0.1	3.1	<0.1	2.6	<0.1
-448	N/A	N/A	1.0	<0.1	3.2	<0.1	2.6	<0.1
-447	N/A	N/A	1.0	<0.1	3.2	<0.1	2.7	<0.1
-446	N/A	N/A	1.0	<0.1	3.2	<0.1	2.7	<0.1
-445	N/A	N/A	1.0	<0.1	3.2	<0.1	2.7	<0.1
-444	N/A	N/A	1.0	<0.1	3.2	<0.1	2.7	<0.1
-443	N/A	N/A	1.0	<0.1	3.3	<0.1	2.7	<0.1
-442	N/A	N/A	1.0	<0.1	3.3	<0.1	2.8	<0.1
-441	N/A	N/A	1.0	<0.1	3.3	<0.1	2.8	<0.1
-440	N/A	N/A	1.0	<0.1	3.3	<0.1	2.8	<0.1
-439	N/A	N/A	1.0	<0.1	3.3	<0.1	2.8	<0.1
-438	N/A	N/A	1.0	<0.1	3.4	<0.1	2.8	<0.1
-437	N/A	N/A	1.0	<0.1	3.4	<0.1	2.8	<0.1
-436	N/A	N/A	1.0	<0.1	3.4	<0.1	2.9	<0.1
-435	N/A	N/A	1.0	<0.1	3.4	<0.1	2.9	<0.1
-434	N/A	N/A	1.0	<0.1	3.5	<0.1	2.9	<0.1
-433	N/A	N/A	1.0	<0.1	3.5	<0.1	2.9	<0.1
-432	N/A	N/A	1.0	<0.1	3.5	<0.1	2.9	<0.1
-431	N/A	N/A	1.0	<0.1	3.5	<0.1	3.0	<0.1
-430	N/A	N/A	1.0	<0.1	3.5	<0.1	3.0	<0.1
-429	N/A	N/A	1.0	<0.1	3.6	<0.1	3.0	<0.1
-428	N/A	N/A	1.0	<0.1	3.6	<0.1	3.0	<0.1
-427	N/A	N/A	1.0	<0.1	3.6	<0.1	3.0	<0.1
-426	N/A	N/A	1.0	<0.1	3.6	<0.1	3.1	<0.1
-425	N/A	N/A	1.0	<0.1	3.7	<0.1	3.1	<0.1
-424	N/A	N/A	1.0	<0.1	3.7	<0.1	3.1	<0.1
-423	N/A	N/A	1.1	<0.1	3.7	<0.1	3.1	<0.1
-422	N/A	N/A	1.1	<0.1	3.7	<0.1	3.1	<0.1
-421	N/A	N/A	1.1	<0.1	3.8	<0.1	3.2	<0.1
-420	N/A	N/A	1.1	<0.1	3.8	<0.1	3.2	<0.1
-419	N/A	N/A	1.1	<0.1	3.8	<0.1	3.2	<0.1
-418	N/A	N/A	1.1	<0.1	3.8	<0.1	3.2	<0.1
-417	N/A	N/A	1.1	<0.1	3.9	<0.1	3.2	<0.1

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
-416	N/A	N/A	1.1	<0.1	3.9	<0.1	3.3	<0.1
-415	N/A	N/A	1.1	<0.1	3.9	<0.1	3.3	<0.1
-414	N/A	N/A	1.1	<0.1	4.0	<0.1	3.3	<0.1
-413	N/A	N/A	1.1	<0.1	4.0	<0.1	3.3	<0.1
-412	N/A	N/A	1.1	<0.1	4.0	<0.1	3.4	<0.1
-411	N/A	N/A	1.1	<0.1	4.0	<0.1	3.4	<0.1
-410	N/A	N/A	1.1	<0.1	4.1	<0.1	3.4	<0.1
-409	N/A	N/A	1.1	<0.1	4.1	<0.1	3.4	<0.1
-408	N/A	N/A	1.1	<0.1	4.1	<0.1	3.5	<0.1
-407	N/A	N/A	1.1	<0.1	4.2	<0.1	3.5	<0.1
-406	N/A	N/A	1.1	<0.1	4.2	<0.1	3.5	<0.1
-405	N/A	N/A	1.1	<0.1	4.2	<0.1	3.5	<0.1
-404	N/A	N/A	1.1	<0.1	4.2	<0.1	3.6	<0.1
-403	N/A	N/A	1.1	<0.1	4.3	<0.1	3.6	<0.1
-402	N/A	N/A	1.2	<0.1	4.3	<0.1	3.6	<0.1
-401	N/A	N/A	1.2	<0.1	4.3	<0.1	3.6	<0.1
-400	N/A	N/A	1.2	<0.1	4.4	<0.1	3.7	<0.1
-399	N/A	N/A	1.2	<0.1	4.4	<0.1	3.7	<0.1
-398	N/A	N/A	1.2	<0.1	4.4	<0.1	3.7	<0.1
-397	N/A	N/A	1.2	<0.1	4.5	<0.1	3.7	<0.1
-396	N/A	N/A	1.2	<0.1	4.5	<0.1	3.8	<0.1
-395	N/A	N/A	1.2	<0.1	4.5	<0.1	3.8	<0.1
-394	N/A	N/A	1.2	<0.1	4.6	<0.1	3.8	<0.1
-393	N/A	N/A	1.2	<0.1	4.6	<0.1	3.9	<0.1
-392	N/A	N/A	1.2	<0.1	4.6	<0.1	3.9	<0.1
-391	N/A	N/A	1.2	<0.1	4.7	<0.1	3.9	<0.1
-390	N/A	N/A	1.2	<0.1	4.7	<0.1	4.0	<0.1
-389	N/A	N/A	1.2	<0.1	4.7	<0.1	4.0	<0.1
-388	N/A	N/A	1.2	<0.1	4.8	<0.1	4.0	<0.1
-387	N/A	N/A	1.2	<0.1	4.8	<0.1	4.0	<0.1
-386	N/A	N/A	1.2	<0.1	4.9	<0.1	4.1	<0.1
-385	N/A	N/A	1.2	<0.1	4.9	<0.1	4.1	<0.1
-384	N/A	N/A	1.2	<0.1	4.9	<0.1	4.1	<0.1
-383	N/A	N/A	1.3	<0.1	5.0	<0.1	4.2	<0.1
-382	N/A	N/A	1.3	<0.1	5.0	<0.1	4.2	<0.1
-381	N/A	N/A	1.3	<0.1	5.1	<0.1	4.2	<0.1
-380	N/A	N/A	1.3	<0.1	5.1	<0.1	4.3	<0.1
-379	N/A	N/A	1.3	<0.1	5.1	<0.1	4.3	<0.1
-378	N/A	N/A	1.3	<0.1	5.2	<0.1	4.3	<0.1
-377	N/A	N/A	1.3	<0.1	5.2	<0.1	4.4	<0.1
-376	N/A	N/A	1.3	<0.1	5.3	<0.1	4.4	<0.1
-375	N/A	N/A	1.3	<0.1	5.3	<0.1	4.4	<0.1

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
-374	N/A	N/A	1.3	<0.1	5.3	<0.1	4.5	<0.1
-373	N/A	N/A	1.3	<0.1	5.4	<0.1	4.5	<0.1
-372	N/A	N/A	1.3	<0.1	5.4	<0.1	4.6	<0.1
-371	N/A	N/A	1.3	<0.1	5.5	<0.1	4.6	<0.1
-370	N/A	N/A	1.3	<0.1	5.5	<0.1	4.6	<0.1
-369	N/A	N/A	1.3	<0.1	5.6	<0.1	4.7	<0.1
-368	N/A	N/A	1.3	<0.1	5.6	<0.1	4.7	<0.1
-367	N/A	N/A	1.4	<0.1	5.7	<0.1	4.8	<0.1
-366	N/A	N/A	1.4	<0.1	5.7	<0.1	4.8	<0.1
-365	N/A	N/A	1.4	<0.1	5.8	<0.1	4.8	<0.1
-364	N/A	N/A	1.4	<0.1	5.8	<0.1	4.9	<0.1
-363	N/A	N/A	1.4	<0.1	5.8	<0.1	4.9	<0.1
-362	N/A	N/A	1.4	<0.1	5.9	<0.1	5.0	<0.1
-361	N/A	N/A	1.4	<0.1	5.9	<0.1	5.0	<0.1
-360	N/A	N/A	1.4	<0.1	6.0	<0.1	5.0	<0.1
-359	N/A	N/A	1.4	<0.1	6.1	<0.1	5.1	<0.1
-358	N/A	N/A	1.4	<0.1	6.1	<0.1	5.1	<0.1
-357	N/A	N/A	1.4	<0.1	6.2	<0.1	5.2	<0.1
-356	N/A	N/A	1.4	<0.1	6.2	<0.1	5.2	<0.1
-355	N/A	N/A	1.4	<0.1	6.3	<0.1	5.3	<0.1
-354	N/A	N/A	1.4	<0.1	6.3	<0.1	5.3	<0.1
-353	N/A	N/A	1.4	<0.1	6.4	<0.1	5.4	<0.1
-352	N/A	N/A	1.5	<0.1	6.4	<0.1	5.4	<0.1
-351	N/A	N/A	1.5	<0.1	6.5	<0.1	5.5	<0.1
-350	N/A	N/A	1.5	<0.1	6.5	<0.1	5.5	<0.1
-349	N/A	N/A	1.5	<0.1	6.6	<0.1	5.6	<0.1
-348	N/A	N/A	1.5	<0.1	6.7	<0.1	5.6	<0.1
-347	N/A	N/A	1.5	<0.1	6.7	<0.1	5.7	<0.1
-346	N/A	N/A	1.5	<0.1	6.8	<0.1	5.7	<0.1
-345	N/A	N/A	1.5	<0.1	6.9	<0.1	5.8	<0.1
-344	N/A	N/A	1.5	<0.1	6.9	<0.1	5.8	<0.1
-343	N/A	N/A	1.5	<0.1	7.0	<0.1	5.9	<0.1
-342	N/A	N/A	1.5	<0.1	7.0	<0.1	5.9	<0.1
-341	N/A	N/A	1.5	<0.1	7.1	<0.1	6.0	<0.1
-340	N/A	N/A	1.5	<0.1	7.2	<0.1	6.1	<0.1
-339	N/A	N/A	1.6	<0.1	7.2	<0.1	6.1	<0.1
-338	N/A	N/A	1.6	<0.1	7.3	<0.1	6.2	<0.1
-337	N/A	N/A	1.6	<0.1	7.4	<0.1	6.2	<0.1
-336	N/A	N/A	1.6	<0.1	7.5	<0.1	6.3	<0.1
-335	N/A	N/A	1.6	<0.1	7.5	<0.1	6.4	<0.1
-334	N/A	N/A	1.6	<0.1	7.6	<0.1	6.4	<0.1
-333	N/A	N/A	1.6	<0.1	7.7	<0.1	6.5	<0.1

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
-332	N/A	N/A	1.6	<0.1	7.7	<0.1	6.5	<0.1
-331	N/A	N/A	1.6	<0.1	7.8	<0.1	6.6	<0.1
-330	N/A	N/A	1.6	<0.1	7.9	<0.1	6.7	<0.1
-329	N/A	N/A	1.6	<0.1	8.0	<0.1	6.7	<0.1
-328	N/A	N/A	1.6	<0.1	8.1	<0.1	6.8	<0.1
-327	N/A	N/A	1.7	<0.1	8.1	<0.1	6.9	<0.1
-326	N/A	N/A	1.7	<0.1	8.2	<0.1	6.9	<0.1
-325	N/A	N/A	1.7	<0.1	8.3	<0.1	7.0	<0.1
-324	N/A	N/A	1.7	<0.1	8.4	<0.1	7.1	<0.1
-323	N/A	N/A	1.7	<0.1	8.5	<0.1	7.2	<0.1
-322	N/A	N/A	1.7	<0.1	8.6	<0.1	7.2	<0.1
-321	N/A	N/A	1.7	<0.1	8.6	<0.1	7.3	<0.1
-320	N/A	N/A	1.7	<0.1	8.7	<0.1	7.4	<0.1
-319	N/A	N/A	1.7	<0.1	8.8	<0.1	7.5	<0.1
-318	N/A	N/A	1.7	<0.1	8.9	<0.1	7.6	<0.1
-317	N/A	N/A	1.7	<0.1	9.0	<0.1	7.6	<0.1
-316	N/A	N/A	1.8	<0.1	9.1	<0.1	7.7	<0.1
-315	N/A	N/A	1.8	<0.1	9.2	<0.1	7.8	<0.1
-314	N/A	N/A	1.8	<0.1	9.3	<0.1	7.9	<0.1
-313	N/A	N/A	1.8	<0.1	9.4	<0.1	8.0	<0.1
-312	N/A	N/A	1.8	<0.1	9.5	<0.1	8.1	<0.1
-311	N/A	N/A	1.8	<0.1	9.6	<0.1	8.2	<0.1
-310	N/A	N/A	1.8	<0.1	9.7	<0.1	8.2	<0.1
-309	N/A	N/A	1.8	<0.1	9.8	<0.1	8.3	<0.1
-308	N/A	N/A	1.8	<0.1	9.9	<0.1	8.4	<0.1
-307	N/A	N/A	1.8	<0.1	10	<0.1	8.5	<0.1
-306	N/A	N/A	1.9	<0.1	10	<0.1	8.6	<0.1
-305	N/A	N/A	1.9	<0.1	10	<0.1	8.7	<0.1
-304	N/A	N/A	1.9	<0.1	10	<0.1	8.8	<0.1
-303	N/A	N/A	1.9	<0.1	10	<0.1	8.9	<0.1
-302	N/A	N/A	1.9	<0.1	11	<0.1	9.0	<0.1
-301	N/A	N/A	1.9	<0.1	11	<0.1	9.1	<0.1
-300	N/A	N/A	1.9	<0.1	11	<0.1	9.2	<0.1
-299	N/A	N/A	1.9	<0.1	11	<0.1	9.4	<0.1
-298	N/A	N/A	1.9	<0.1	11	<0.1	9.5	<0.1
-297	N/A	N/A	1.9	<0.1	11	<0.1	9.6	<0.1
-296	N/A	N/A	2.0	<0.1	11	<0.1	9.7	0.1
-295	N/A	N/A	2.0	<0.1	12	<0.1	9.8	0.1
-294	N/A	N/A	2.0	<0.1	12	<0.1	9.9	0.1
-293	N/A	N/A	2.0	<0.1	12	<0.1	10	0.1
-292	N/A	N/A	2.0	<0.1	12	<0.1	10	0.1
-291	N/A	N/A	2.0	<0.1	12	<0.1	10	0.1

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
-290	N/A	N/A	2.0	<0.1	12	<0.1	10	0.1
-289	N/A	N/A	2.0	<0.1	12	<0.1	11	0.1
-288	N/A	N/A	2.1	<0.1	13	<0.1	11	0.1
-287	N/A	N/A	2.1	<0.1	13	<0.1	11	0.1
-286	N/A	N/A	2.1	<0.1	13	0.1	11	0.1
-285	N/A	N/A	2.1	<0.1	13	0.1	11	0.1
-284	N/A	N/A	2.1	<0.1	13	0.1	11	0.1
-283	N/A	N/A	2.1	<0.1	13	0.1	11	0.1
-282	N/A	N/A	2.1	<0.1	14	0.1	12	0.1
-281	N/A	N/A	2.1	<0.1	14	0.1	12	0.1
-280	N/A	N/A	2.2	<0.1	14	0.1	12	0.1
-279	N/A	N/A	2.2	<0.1	14	0.1	12	0.1
-278	N/A	N/A	2.2	<0.1	14	0.1	12	0.1
-277	N/A	N/A	2.2	<0.1	14	0.1	12	0.1
-276	N/A	N/A	2.2	<0.1	15	0.1	13	0.1
-275	N/A	N/A	2.2	<0.1	15	0.1	13	0.1
-274	N/A	N/A	2.2	<0.1	15	0.1	13	0.1
-273	N/A	N/A	2.2	<0.1	15	0.1	13	0.1
-272	N/A	N/A	2.3	<0.1	15	0.1	13	0.1
-271	N/A	N/A	2.3	<0.1	16	0.1	13	0.1
-270	N/A	N/A	2.3	<0.1	16	0.1	14	0.1
-269	N/A	N/A	2.3	<0.1	16	0.1	14	0.1
-268	N/A	N/A	2.3	<0.1	16	0.1	14	0.1
-267	N/A	N/A	2.3	<0.1	17	0.1	14	0.1
-266	N/A	N/A	2.3	<0.1	17	0.1	14	0.1
-265	N/A	N/A	2.4	<0.1	17	0.1	15	0.1
-264	N/A	N/A	2.4	<0.1	17	0.1	15	0.1
-263	N/A	N/A	2.4	<0.1	17	0.1	15	0.1
-262	N/A	N/A	2.4	<0.1	18	0.1	15	0.1
-261	N/A	N/A	2.4	<0.1	18	0.1	16	0.1
-260	N/A	N/A	2.4	<0.1	18	0.1	16	0.1
-259	N/A	N/A	2.4	<0.1	19	0.1	16	0.1
-258	N/A	N/A	2.5	<0.1	19	0.1	16	0.1
-257	N/A	N/A	2.5	<0.1	19	0.1	17	0.1
-256	N/A	N/A	2.5	<0.1	19	0.1	17	0.1
-255	N/A	N/A	2.5	<0.1	20	0.1	17	0.1
-254	N/A	N/A	2.5	<0.1	20	0.1	17	0.1
-253	N/A	N/A	2.5	<0.1	20	0.1	18	0.1
-252	N/A	N/A	2.6	<0.1	21	0.1	18	0.1
-251	N/A	N/A	2.6	<0.1	21	0.1	18	0.1
-250	N/A	N/A	2.6	<0.1	21	0.1	19	0.1
-249	N/A	N/A	2.6	<0.1	22	0.1	19	0.1

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
-248	N/A	N/A	2.6	<0.1	22	0.1	19	0.1
-247	N/A	N/A	2.6	<0.1	22	0.1	20	0.1
-246	N/A	N/A	2.7	<0.1	23	0.1	20	0.1
-245	N/A	N/A	2.7	<0.1	23	0.1	20	0.1
-244	N/A	N/A	2.7	<0.1	24	0.1	21	0.1
-243	N/A	N/A	2.7	<0.1	24	0.1	21	0.1
-242	N/A	N/A	2.7	<0.1	24	0.1	21	0.1
-241	N/A	N/A	2.8	<0.1	25	0.1	22	0.1
-240	N/A	N/A	2.8	<0.1	25	0.1	22	0.2
-239	N/A	N/A	2.8	<0.1	26	0.1	23	0.2
-238	N/A	N/A	2.8	<0.1	26	0.1	23	0.2
-237	N/A	N/A	2.8	<0.1	27	0.2	23	0.2
-236	N/A	N/A	2.9	<0.1	27	0.2	24	0.2
-235	N/A	N/A	2.9	<0.1	28	0.2	24	0.2
-234	N/A	N/A	2.9	<0.1	28	0.2	25	0.2
-233	N/A	N/A	2.9	<0.1	29	0.2	25	0.2
-232	N/A	N/A	2.9	<0.1	29	0.2	26	0.2
-231	N/A	N/A	3.0	<0.1	30	0.2	26	0.2
-230	N/A	N/A	3.0	<0.1	30	0.2	27	0.2
-229	N/A	N/A	3.0	<0.1	31	0.2	27	0.2
-228	N/A	N/A	3.0	<0.1	31	0.2	28	0.2
-227	N/A	N/A	3.0	<0.1	32	0.2	29	0.2
-226	N/A	N/A	3.1	<0.1	33	0.2	29	0.2
-225	N/A	N/A	3.1	<0.1	33	0.2	30	0.2
-224	N/A	N/A	3.1	<0.1	34	0.2	30	0.2
-223	N/A	N/A	3.1	<0.1	35	0.2	31	0.2
-222	N/A	N/A	3.1	<0.1	35	0.2	32	0.2
-221	N/A	N/A	3.2	<0.1	36	0.2	32	0.3
-220	N/A	N/A	3.2	<0.1	37	0.2	33	0.3
-219	N/A	N/A	3.2	<0.1	38	0.3	34	0.3
-218	N/A	N/A	3.2	<0.1	38	0.3	35	0.3
-217	N/A	N/A	3.3	<0.1	39	0.3	35	0.3
-216	N/A	N/A	3.3	<0.1	40	0.3	36	0.3
-215	N/A	N/A	3.3	<0.1	41	0.3	37	0.3
-214	N/A	N/A	3.3	<0.1	42	0.3	38	0.3
-213	N/A	N/A	3.4	<0.1	43	0.3	39	0.3
-212	N/A	N/A	3.4	<0.1	44	0.3	40	0.3
-211	N/A	N/A	3.4	<0.1	45	0.3	41	0.3
-210	N/A	N/A	3.4	<0.1	46	0.3	42	0.4
-209	N/A	N/A	3.5	<0.1	47	0.4	43	0.4
-208	N/A	N/A	3.5	<0.1	48	0.4	44	0.4
-207	N/A	N/A	3.5	<0.1	49	0.4	45	0.4

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
-206	N/A	N/A	3.5	<0.1	50	0.4	46	0.4
-205	N/A	N/A	3.6	<0.1	52	0.4	47	0.4
-204	N/A	N/A	3.6	<0.1	53	0.4	49	0.4
-203	N/A	N/A	3.6	<0.1	54	0.4	50	0.4
-202	N/A	N/A	3.7	<0.1	56	0.5	51	0.5
-201	N/A	N/A	3.7	<0.1	57	0.5	53	0.5
-200	N/A	N/A	3.7	<0.1	59	0.5	54	0.5
-199	N/A	N/A	3.7	<0.1	60	0.5	56	0.5
-198	N/A	N/A	3.8	<0.1	62	0.5	57	0.5
-197	N/A	N/A	3.8	<0.1	64	0.5	59	0.6
-196	N/A	N/A	3.8	<0.1	65	0.6	60	0.6
-195	N/A	N/A	3.9	<0.1	67	0.6	62	0.6
-194	N/A	N/A	3.9	<0.1	69	0.6	64	0.6
-193	N/A	N/A	3.9	<0.1	71	0.6	66	0.6
-192	N/A	N/A	4.0	<0.1	73	0.7	68	0.7
-191	N/A	N/A	4.0	<0.1	75	0.7	70	0.7
-190	N/A	N/A	4.0	<0.1	77	0.7	72	0.7
-189	N/A	N/A	4.1	<0.1	80	0.8	75	0.8
-188	N/A	N/A	4.1	<0.1	82	0.8	77	0.8
-187	N/A	N/A	4.1	<0.1	85	0.8	80	0.8
-186	N/A	N/A	4.2	<0.1	87	0.9	82	0.9
-185	N/A	N/A	4.2	<0.1	90	0.9	85	0.9
-184	N/A	N/A	4.2	<0.1	93	0.9	88	0.9
-183	N/A	N/A	4.3	<0.1	96	1.0	91	1.0
-182	N/A	N/A	4.3	<0.1	99	1.0	94	1.0
-181	N/A	N/A	4.3	<0.1	103	1.1	97	1.1
-180	N/A	N/A	4.4	<0.1	106	1.1	101	1.1
-179	N/A	N/A	4.4	<0.1	110	1.2	104	1.2
-178	N/A	N/A	4.4	<0.1	114	1.2	108	1.2
-177	N/A	N/A	4.5	<0.1	118	1.3	112	1.3
-176	N/A	N/A	4.5	<0.1	122	1.3	117	1.3
-175	N/A	N/A	4.6	<0.1	126	1.4	121	1.4
-174	N/A	N/A	4.6	<0.1	131	1.5	126	1.5
-173	N/A	N/A	4.6	<0.1	136	1.5	131	1.5
-172	N/A	N/A	4.7	<0.1	141	1.6	136	1.6
-171	N/A	N/A	4.7	<0.1	146	1.7	141	1.7
-170	N/A	N/A	4.8	<0.1	152	1.8	147	1.8
-169	N/A	N/A	4.8	<0.1	158	1.9	153	1.9
-168	N/A	N/A	4.9	<0.1	164	1.9	159	2.0
-167	N/A	N/A	4.9	<0.1	170	2.0	166	2.0
-166	N/A	N/A	4.9	<0.1	177	2.1	173	2.1
-165	N/A	N/A	5.0	<0.1	184	2.2	180	2.2

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
-164	N/A	N/A	5.0	<0.1	192	2.3	187	2.3
-163	N/A	N/A	5.1	<0.1	199	2.4	195	2.4
-162	N/A	N/A	5.1	<0.1	207	2.5	203	2.5
-161	N/A	N/A	5.2	<0.1	216	2.6	212	2.7
-160	N/A	N/A	5.2	<0.1	224	2.8	221	2.8
-159	N/A	N/A	5.3	<0.1	233	2.9	230	2.9
-158	N/A	N/A	5.3	<0.1	243	3.0	240	3.0
-157	N/A	N/A	5.4	<0.1	252	3.1	250	3.1
-156	N/A	N/A	5.4	<0.1	262	3.2	260	3.2
-155	N/A	N/A	5.5	<0.1	272	3.3	270	3.3
-154	N/A	N/A	5.5	<0.1	282	3.4	281	3.4
-153	N/A	N/A	5.6	<0.1	292	3.4	292	3.4
-152	N/A	N/A	5.6	<0.1	302	3.5	302	3.5
-151	N/A	N/A	5.7	<0.1	312	3.6	313	3.6
-150	N/A	N/A	5.7	<0.1	322	3.6	324	3.6
-149	N/A	N/A	5.8	<0.1	331	3.6	334	3.7
-148	N/A	N/A	5.9	<0.1	341	3.7	344	3.7
-147	N/A	N/A	5.9	<0.1	350	3.7	354	3.7
-146	N/A	N/A	6.0	<0.1	358	3.6	364	3.6
-145	N/A	N/A	6.0	<0.1	366	3.6	373	3.6
-144	N/A	N/A	6.1	<0.1	374	3.5	381	3.5
-143	N/A	N/A	6.2	<0.1	381	3.5	389	3.5
-142	N/A	N/A	6.2	<0.1	387	3.4	396	3.4
-141	N/A	N/A	6.3	<0.1	392	3.3	402	3.3
-140	N/A	N/A	6.3	<0.1	397	3.2	408	3.2
-139	N/A	N/A	6.4	<0.1	400	3.0	413	3.1
-138	N/A	N/A	6.5	<0.1	404	2.9	417	2.9
-137	N/A	N/A	6.5	<0.1	406	2.8	421	2.8
-136	N/A	N/A	6.6	<0.1	408	2.7	424	2.7
-135	N/A	N/A	6.7	<0.1	409	2.6	426	2.6
-134	N/A	N/A	6.7	<0.1	410	2.5	428	2.5
-133	N/A	N/A	6.8	<0.1	410	2.5	430	2.5
-132	N/A	N/A	6.9	<0.1	410	2.4	431	2.4
-131	N/A	N/A	7.0	<0.1	410	2.4	432	2.4
-130	N/A	N/A	7.0	<0.1	409	2.4	433	2.4
-129	N/A	N/A	7.1	<0.1	409	2.3	433	2.4
-128	N/A	N/A	7.2	<0.1	408	2.3	434	2.4
-127	N/A	N/A	7.3	<0.1	407	2.3	435	2.4
-126	N/A	N/A	7.3	<0.1	407	2.3	436	2.4
-125	N/A	N/A	7.4	<0.1	407	2.3	437	2.4
-124	N/A	N/A	7.5	<0.1	407	2.3	439	2.4
-123	N/A	N/A	7.6	<0.1	408	2.3	441	2.4

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
-122	N/A	N/A	7.7	<0.1	408	2.3	443	2.4
-121	N/A	N/A	7.8	<0.1	409	2.3	445	2.4
-120	N/A	N/A	7.9	<0.1	410	2.4	447	2.4
-119	N/A	N/A	7.9	<0.1	411	2.4	449	2.4
-118	N/A	N/A	8.0	<0.1	411	2.4	450	2.5
-117	N/A	N/A	8.1	<0.1	412	2.5	452	2.5
-116	N/A	N/A	8.2	<0.1	412	2.5	453	2.6
-115	N/A	N/A	8.3	<0.1	411	2.6	453	2.7
-114	N/A	N/A	8.4	<0.1	410	2.7	453	2.8
-113	N/A	N/A	8.5	<0.1	408	2.8	452	2.9
-112	N/A	N/A	8.6	<0.1	406	2.9	450	3.0
-111	N/A	N/A	8.7	<0.1	403	3.1	448	3.1
-110	N/A	N/A	8.8	<0.1	399	3.2	445	3.2
-109	N/A	N/A	8.9	<0.1	395	3.3	441	3.4
-108	N/A	N/A	9.0	<0.1	390	3.4	436	3.5
-107	N/A	N/A	9.1	<0.1	384	3.5	430	3.6
-106	N/A	N/A	9.3	<0.1	377	3.5	424	3.6
-105	N/A	N/A	9.4	<0.1	370	3.6	417	3.7
-104	N/A	N/A	9.5	<0.1	362	3.6	409	3.8
-103	N/A	N/A	9.6	<0.1	354	3.7	401	3.8
-102	N/A	N/A	9.7	<0.1	345	3.7	392	3.8
-101	N/A	N/A	9.8	<0.1	336	3.6	383	3.8
-100	N/A	N/A	10.0	<0.1	326	3.6	374	3.8
-99	N/A	N/A	10	<0.1	317	3.6	364	3.7
-98	N/A	N/A	10	<0.1	307	3.5	355	3.7
-97	N/A	N/A	10	<0.1	297	3.4	346	3.6
-96	N/A	N/A	10	<0.1	287	3.4	336	3.6
-95	N/A	N/A	11	<0.1	277	3.3	328	3.5
-94	N/A	N/A	11	<0.1	267	3.2	319	3.4
-93	N/A	N/A	11	<0.1	258	3.1	311	3.4
-92	N/A	N/A	11	<0.1	248	3.0	304	3.3
-91	N/A	N/A	11	<0.1	239	2.9	297	3.2
-90	N/A	N/A	11	<0.1	230	2.7	291	3.1
-89	N/A	N/A	12	<0.1	222	2.6	285	3.0
-88	N/A	N/A	12	<0.1	213	2.5	280	2.9
-87	N/A	N/A	12	<0.1	206	2.4	276	2.9
-86	N/A	N/A	12	<0.1	198	2.3	273	2.8
-85	N/A	N/A	12	<0.1	191	2.2	271	2.7
-84	N/A	N/A	12	<0.1	184	2.1	269	2.7
-83	N/A	N/A	13	<0.1	177	2.0	268	2.6
-82	N/A	N/A	13	<0.1	171	1.9	268	2.6
-81	N/A	N/A	13	<0.1	165	1.8	269	2.5

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
-80	N/A	N/A	13	<0.1	159	1.7	270	2.5
-79	N/A	N/A	13	<0.1	154	1.7	272	2.4
-78	N/A	N/A	13	<0.1	149	1.6	275	2.4
-77	N/A	N/A	14	<0.1	144	1.5	278	2.4
-76	N/A	N/A	14	<0.1	139	1.4	282	2.3
-75	N/A	N/A	14	<0.1	135	1.4	287	2.3
-74	N/A	N/A	14	<0.1	131	1.3	291	2.3
-73	N/A	N/A	14	<0.1	127	1.2	296	2.3
-72	N/A	N/A	15	<0.1	123	1.2	301	2.3
-71	N/A	N/A	15	<0.1	120	1.1	306	2.2
-70	N/A	N/A	15	<0.1	116	1.1	311	2.2
-69	N/A	N/A	15	<0.1	113	1.0	316	2.2
-68	N/A	N/A	16	<0.1	110	1.0	321	2.2
-67	N/A	N/A	16	<0.1	108	0.9	325	2.1
-66	N/A	N/A	16	<0.1	105	0.9	328	2.1
-65	N/A	N/A	16	<0.1	102	0.8	331	2.0
-64	N/A	N/A	17	<0.1	100	0.8	333	2.0
-63	N/A	N/A	17	<0.1	98	0.8	335	1.9
-62	N/A	N/A	17	<0.1	96	0.7	335	1.9
-61	N/A	N/A	17	<0.1	94	0.7	335	1.8
-60	N/A	N/A	18	<0.1	92	0.7	334	1.7
-59	N/A	N/A	18	<0.1	91	0.6	333	1.6
-58	N/A	N/A	18	<0.1	89	0.6	330	1.6
-57	N/A	N/A	19	<0.1	88	0.6	327	1.5
-56	N/A	N/A	19	<0.1	87	0.5	322	1.4
-55	N/A	N/A	19	<0.1	86	0.5	318	1.3
-54	N/A	N/A	20	<0.1	85	0.5	312	1.3
-53	N/A	N/A	20	<0.1	84	0.5	306	1.2
-52	N/A	N/A	20	0.1	83	0.4	300	1.1
-51	N/A	N/A	21	0.1	82	0.4	293	1.1
-50	N/A	N/A	21	0.1	82	0.4	286	1.0
-49	N/A	N/A	21	0.1	81	0.4	278	1.0
-48	N/A	N/A	22	0.1	81	0.3	271	0.9
-47	N/A	N/A	22	0.1	81	0.3	263	0.9
-46	N/A	N/A	23	0.1	81	0.3	255	0.9
-45	N/A	N/A	23	0.1	81	0.3	247	0.8
-44	N/A	N/A	23	0.1	81	0.3	238	0.8
-43	N/A	N/A	24	0.1	81	0.3	230	0.8
-42	N/A	N/A	24	0.1	81	0.3	222	0.8
-41	N/A	N/A	25	0.1	81	0.3	214	0.8
-40	N/A	N/A	25	0.1	82	0.4	206	0.8
-39	N/A	N/A	26	0.1	82	0.4	198	0.8

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
-38	N/A	N/A	26	0.1	83	0.4	191	0.8
-37	N/A	N/A	27	0.1	84	0.5	183	0.7
-36	N/A	N/A	27	0.1	85	0.5	176	0.7
-35	N/A	N/A	28	0.1	85	0.5	169	0.7
-34	N/A	N/A	29	0.1	86	0.6	162	0.7
-33	N/A	N/A	29	0.1	87	0.7	155	0.7
-32	N/A	N/A	30	0.1	88	0.7	149	0.7
-31	N/A	N/A	30	0.1	90	0.8	143	0.7
-30	N/A	N/A	31	0.1	91	0.8	137	0.7
-29	N/A	N/A	32	0.1	92	0.9	131	0.7
-28	N/A	N/A	32	0.1	93	1.0	126	0.6
-27	N/A	N/A	33	0.1	95	1.1	121	0.6
-26	N/A	N/A	34	0.1	96	1.1	116	0.6
-25	N/A	N/A	35	0.1	97	1.2	111	0.6
-24	N/A	N/A	35	0.1	98	1.3	106	0.6
-23	N/A	N/A	36	0.1	99	1.3	102	0.6
-22	N/A	N/A	37	0.1	100	1.4	98	0.5
-21	N/A	N/A	38	0.1	101	1.5	94	0.5
-20	N/A	N/A	39	0.1	102	1.5	90	0.5
-19	N/A	N/A	40	0.1	102	1.5	87	0.5
-18	N/A	N/A	41	0.1	103	1.6	83	0.5
-17	N/A	N/A	42	0.1	103	1.6	80	0.5
-16	N/A	N/A	43	0.1	103	1.6	77	0.5
-15	N/A	N/A	44	0.1	102	1.6	74	0.4
-14	N/A	N/A	45	0.1	101	1.6	71	0.4
-13	N/A	N/A	46	0.1	101	1.6	69	0.4
-12	N/A	N/A	47	0.1	99	1.5	66	0.4
-11	N/A	N/A	48	<0.1	98	1.5	64	0.4
-10	N/A	N/A	49	<0.1	97	1.4	62	0.4
-9	N/A	N/A	51	<0.1	95	1.4	60	0.4
-8	N/A	N/A	52	<0.1	93	1.3	58	0.4
-7	N/A	N/A	53	<0.1	92	1.2	56	0.3
-6	N/A	N/A	55	<0.1	90	1.2	54	0.3
-5	N/A	N/A	56	<0.1	88	1.1	52	0.3
-4	N/A	N/A	58	<0.1	86	1.0	51	0.3
-3	N/A	N/A	59	<0.1	84	0.9	49	0.3
-2	N/A	N/A	61	<0.1	82	0.9	48	0.3
-1	N/A	N/A	63	<0.1	80	0.8	46	0.3
0	N/A	N/A	64	<0.1	78	0.7	45	0.3
1	N/A	N/A	66	<0.1	77	0.7	44	0.3
2	N/A	N/A	68	<0.1	75	0.6	43	0.3
3	N/A	N/A	70	<0.1	73	0.5	42	0.3

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
4	N/A	N/A	72	<0.1	72	0.5	41	0.3
5	N/A	N/A	74	<0.1	70	0.4	40	0.2
6	N/A	N/A	76	<0.1	69	0.4	39	0.2
7	N/A	N/A	79	0.1	68	0.3	38	0.2
8	N/A	N/A	81	0.1	66	0.3	38	0.2
9	N/A	N/A	83	0.1	65	0.3	37	0.2
10	N/A	N/A	86	0.1	64	0.2	36	0.2
11	N/A	N/A	89	0.1	63	0.2	36	0.2
12	N/A	N/A	91	0.1	63	0.2	35	0.2
13	N/A	N/A	94	0.1	62	0.2	35	0.2
14	N/A	N/A	97	0.1	61	0.1	34	0.2
15	N/A	N/A	100	0.2	60	0.1	34	0.2
16	N/A	N/A	104	0.2	60	0.1	33	0.2
17	N/A	N/A	107	0.2	59	0.2	33	0.2
18	N/A	N/A	110	0.2	59	0.2	33	0.2
19	N/A	N/A	114	0.2	59	0.2	33	0.2
20	N/A	N/A	118	0.3	59	0.2	32	0.2
21	N/A	N/A	122	0.3	58	0.2	32	0.2
22	N/A	N/A	126	0.3	58	0.2	32	0.2
23	N/A	N/A	130	0.4	59	0.3	32	0.2
24	N/A	N/A	134	0.4	59	0.3	32	0.2
25	N/A	N/A	138	0.4	59	0.3	32	0.2
26	N/A	N/A	143	0.5	59	0.3	32	0.2
27	N/A	N/A	148	0.5	60	0.4	32	0.2
28	N/A	N/A	153	0.6	60	0.4	32	0.2
29	N/A	N/A	158	0.6	61	0.4	32	0.2
30	N/A	N/A	163	0.6	61	0.4	32	0.2
31	N/A	N/A	168	0.7	62	0.5	32	0.2
32	N/A	N/A	173	0.8	63	0.5	33	0.2
33	N/A	N/A	178	0.8	64	0.5	33	0.2
34	N/A	N/A	184	0.9	65	0.6	33	0.2
35	N/A	N/A	189	0.9	67	0.6	33	0.2
36	N/A	N/A	195	1.0	68	0.6	34	0.2
37	N/A	N/A	200	1.0	70	0.7	34	0.2
38	N/A	N/A	205	1.1	71	0.7	35	0.2
39	N/A	N/A	210	1.2	73	0.7	35	0.2
40	N/A	N/A	215	1.2	75	0.8	35	0.2
41	N/A	N/A	220	1.3	77	0.8	36	0.2
42	N/A	N/A	225	1.3	79	0.9	37	0.2
43	N/A	N/A	229	1.4	82	0.9	37	0.2
44	N/A	N/A	232	1.4	84	0.9	38	0.2
45	N/A	N/A	236	1.5	87	1.0	38	0.2

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
46	N/A	N/A	238	1.5	90	1.0	39	0.2
47	N/A	N/A	241	1.5	93	1.1	40	0.3
48	N/A	N/A	242	1.6	97	1.2	41	0.3
49	N/A	N/A	243	1.6	100	1.2	41	0.3
50	N/A	N/A	244	1.6	104	1.3	42	0.3
51	N/A	N/A	243	1.6	108	1.3	43	0.3
52	N/A	N/A	242	1.6	112	1.4	44	0.3
53	N/A	N/A	241	1.5	116	1.4	45	0.3
54	N/A	N/A	238	1.5	120	1.4	46	0.3
55	N/A	N/A	236	1.5	125	1.5	47	0.3
56	N/A	N/A	232	1.4	129	1.5	49	0.3
57	N/A	N/A	229	1.4	133	1.5	50	0.3
58	N/A	N/A	225	1.3	138	1.5	51	0.3
59	N/A	N/A	220	1.3	142	1.6	53	0.3
60	N/A	N/A	215	1.2	146	1.5	54	0.4
61	N/A	N/A	210	1.2	150	1.5	56	0.4
62	N/A	N/A	205	1.1	154	1.5	58	0.4
63	N/A	N/A	200	1.0	157	1.5	60	0.4
64	N/A	N/A	195	1.0	160	1.4	62	0.4
65	N/A	N/A	189	0.9	163	1.4	64	0.4
66	N/A	N/A	184	0.9	166	1.3	66	0.4
67	N/A	N/A	178	0.8	168	1.2	68	0.4
68	N/A	N/A	173	0.8	170	1.1	71	0.4
69	N/A	N/A	168	0.7	171	1.1	73	0.5
70	N/A	N/A	163	0.6	172	1.0	76	0.5
71	N/A	N/A	158	0.6	173	0.9	79	0.5
72	N/A	N/A	153	0.6	174	0.9	82	0.5
73	N/A	N/A	148	0.5	174	0.8	85	0.5
74	N/A	N/A	143	0.5	174	0.8	88	0.5
75	N/A	N/A	138	0.4	174	0.8	91	0.5
76	N/A	N/A	134	0.4	173	0.8	95	0.6
77	N/A	N/A	130	0.4	173	0.8	98	0.6
78	N/A	N/A	126	0.3	172	0.9	102	0.6
79	N/A	N/A	122	0.3	171	0.9	106	0.6
80	N/A	N/A	118	0.3	169	1.0	110	0.6
81	N/A	N/A	114	0.2	167	1.0	114	0.6
82	N/A	N/A	110	0.2	165	1.1	118	0.6
83	N/A	N/A	107	0.2	162	1.2	123	0.7
84	N/A	N/A	104	0.2	159	1.3	127	0.7
85	N/A	N/A	100	0.2	156	1.3	132	0.7
86	N/A	N/A	97	0.1	152	1.4	137	0.7
87	N/A	N/A	94	0.1	148	1.4	142	0.7

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
88	N/A	N/A	91	0.1	144	1.5	147	0.7
89	N/A	N/A	89	0.1	139	1.5	152	0.7
90	N/A	N/A	86	0.1	134	1.5	157	0.7
91	N/A	N/A	83	0.1	129	1.5	163	0.7
92	N/A	N/A	81	0.1	124	1.5	168	0.8
93	N/A	N/A	79	0.1	119	1.5	173	0.8
94	N/A	N/A	76	<0.1	114	1.5	179	0.8
95	N/A	N/A	74	<0.1	109	1.4	184	0.8
96	N/A	N/A	72	<0.1	104	1.4	189	0.8
97	N/A	N/A	70	<0.1	99	1.4	194	0.9
98	N/A	N/A	68	<0.1	94	1.3	199	0.9
99	N/A	N/A	66	<0.1	90	1.3	203	0.9
100	N/A	N/A	64	<0.1	86	1.2	208	1.0
101	N/A	N/A	63	<0.1	81	1.2	212	1.0
102	N/A	N/A	61	<0.1	77	1.1	216	1.1
103	N/A	N/A	59	<0.1	74	1.1	219	1.1
104	N/A	N/A	58	<0.1	70	1.0	222	1.2
105	N/A	N/A	56	<0.1	67	1.0	224	1.2
106	N/A	N/A	55	<0.1	64	0.9	226	1.2
107	N/A	N/A	53	<0.1	60	0.9	227	1.3
108	N/A	N/A	52	<0.1	58	0.8	227	1.3
109	N/A	N/A	51	<0.1	55	0.8	227	1.3
110	N/A	N/A	49	<0.1	52	0.7	226	1.4
111	N/A	N/A	48	<0.1	50	0.7	225	1.4
112	N/A	N/A	47	0.1	48	0.7	223	1.4
113	N/A	N/A	46	0.1	46	0.6	221	1.4
114	N/A	N/A	45	0.1	44	0.6	218	1.4
115	N/A	N/A	44	0.1	42	0.6	214	1.4
116	N/A	N/A	43	0.1	40	0.5	210	1.4
117	N/A	N/A	42	0.1	38	0.5	205	1.3
118	N/A	N/A	41	0.1	37	0.5	201	1.3
119	N/A	N/A	40	0.1	35	0.4	196	1.3
120	N/A	N/A	39	0.1	34	0.4	190	1.2
121	N/A	N/A	38	0.1	33	0.4	185	1.2
122	N/A	N/A	37	0.1	31	0.4	179	1.1
123	N/A	N/A	36	0.1	30	0.4	174	1.1
124	N/A	N/A	35	0.1	29	0.3	168	1.0
125	N/A	N/A	35	0.1	28	0.3	162	1.0
126	N/A	N/A	34	0.1	27	0.3	157	0.9
127	N/A	N/A	33	0.1	26	0.3	151	0.9
128	N/A	N/A	32	0.1	25	0.3	146	0.8
129	N/A	N/A	32	0.1	24	0.3	140	0.8

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
130	N/A	N/A	31	0.1	23	0.3	135	0.8
131	N/A	N/A	30	0.1	23	0.2	130	0.7
132	N/A	N/A	30	0.1	22	0.2	125	0.7
133	N/A	N/A	29	0.1	21	0.2	120	0.6
134	N/A	N/A	29	0.1	20	0.2	116	0.6
135	N/A	N/A	28	0.1	20	0.2	111	0.6
136	N/A	N/A	27	0.1	19	0.2	107	0.5
137	N/A	N/A	27	0.1	19	0.2	103	0.5
138	N/A	N/A	26	0.1	18	0.2	99	0.5
139	N/A	N/A	26	0.1	17	0.2	95	0.5
140	N/A	N/A	25	0.1	17	0.2	92	0.4
141	N/A	N/A	25	0.1	16	0.2	88	0.4
142	N/A	N/A	24	0.1	16	0.1	85	0.4
143	N/A	N/A	24	0.1	16	0.1	82	0.4
144	N/A	N/A	23	0.1	15	0.1	79	0.3
145	N/A	N/A	23	0.1	15	0.1	76	0.3
146	N/A	N/A	23	0.1	14	0.1	73	0.3
147	N/A	N/A	22	0.1	14	0.1	70	0.3
148	N/A	N/A	22	0.1	14	0.1	68	0.3
149	N/A	N/A	21	0.1	13	0.1	66	0.3
150	N/A	N/A	21	0.1	13	0.1	63	0.3
151	N/A	N/A	21	0.1	13	0.1	61	0.3
152	N/A	N/A	20	0.1	12	0.1	59	0.2
153	N/A	N/A	20	<0.1	12	0.1	57	0.2
154	N/A	N/A	20	<0.1	12	0.1	55	0.2
155	N/A	N/A	19	<0.1	11	0.1	53	0.2
156	N/A	N/A	19	<0.1	11	0.1	51	0.2
157	N/A	N/A	19	<0.1	11	0.1	50	0.2
158	N/A	N/A	18	<0.1	11	0.1	48	0.2
159	N/A	N/A	18	<0.1	10	0.1	46	0.2
160	N/A	N/A	18	<0.1	10	0.1	45	0.2
161	N/A	N/A	17	<0.1	10.0	0.1	43	0.2
162	N/A	N/A	17	<0.1	9.7	0.1	42	0.2
163	N/A	N/A	17	<0.1	9.5	0.1	41	0.2
164	N/A	N/A	17	<0.1	9.3	0.1	39	0.2
165	N/A	N/A	16	<0.1	9.1	0.1	38	0.2
166	N/A	N/A	16	<0.1	9.0	0.1	37	0.2
167	N/A	N/A	16	<0.1	8.8	0.1	36	0.1
168	N/A	N/A	16	<0.1	8.6	0.1	35	0.1
169	N/A	N/A	15	<0.1	8.4	<0.1	34	0.1
170	N/A	N/A	15	<0.1	8.3	<0.1	33	0.1
171	N/A	N/A	15	<0.1	8.1	<0.1	32	0.1

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
172	N/A	N/A	15	<0.1	8.0	<0.1	31	0.1
173	N/A	N/A	14	<0.1	7.8	<0.1	30	0.1
174	N/A	N/A	14	<0.1	7.7	<0.1	29	0.1
175	N/A	N/A	14	<0.1	7.5	<0.1	28	0.1
176	N/A	N/A	14	<0.1	7.4	<0.1	28	0.1
177	N/A	N/A	14	<0.1	7.3	<0.1	27	0.1
178	N/A	N/A	13	<0.1	7.1	<0.1	26	0.1
179	N/A	N/A	13	<0.1	7.0	<0.1	25	0.1
180	N/A	N/A	13	<0.1	6.9	<0.1	25	0.1
181	N/A	N/A	13	<0.1	6.8	<0.1	24	0.1
182	N/A	N/A	13	<0.1	6.7	<0.1	24	0.1
183	N/A	N/A	13	<0.1	6.5	<0.1	23	0.1
184	N/A	N/A	12	<0.1	6.4	<0.1	22	0.1
185	N/A	N/A	12	<0.1	6.3	<0.1	22	0.1
186	N/A	N/A	12	<0.1	6.2	<0.1	21	0.1
187	N/A	N/A	12	<0.1	6.1	<0.1	21	0.1
188	N/A	N/A	12	<0.1	6.0	<0.1	20	0.1
189	N/A	N/A	12	<0.1	5.9	<0.1	20	0.1
190	N/A	N/A	11	<0.1	5.9	<0.1	19	0.1
191	N/A	N/A	11	<0.1	5.8	<0.1	19	0.1
192	N/A	N/A	11	<0.1	5.7	<0.1	18	0.1
193	N/A	N/A	11	<0.1	5.6	<0.1	18	0.1
194	N/A	N/A	11	<0.1	5.5	<0.1	17	0.1
195	N/A	N/A	11	<0.1	5.4	<0.1	17	0.1
196	N/A	N/A	10	<0.1	5.4	<0.1	17	0.1
197	N/A	N/A	10	<0.1	5.3	<0.1	16	0.1
198	N/A	N/A	10	<0.1	5.2	<0.1	16	0.1
199	N/A	N/A	10	<0.1	5.1	<0.1	16	0.1
200	N/A	N/A	10.0	<0.1	5.1	<0.1	15	0.1
201	N/A	N/A	9.8	<0.1	5.0	<0.1	15	0.1
202	N/A	N/A	9.7	<0.1	4.9	<0.1	14	0.1
203	N/A	N/A	9.6	<0.1	4.9	<0.1	14	0.1
204	N/A	N/A	9.5	<0.1	4.8	<0.1	14	0.1
205	N/A	N/A	9.4	<0.1	4.7	<0.1	14	0.1
206	N/A	N/A	9.3	<0.1	4.7	<0.1	13	0.1
207	N/A	N/A	9.1	<0.1	4.6	<0.1	13	0.1
208	N/A	N/A	9.0	<0.1	4.5	<0.1	13	0.1
209	N/A	N/A	8.9	<0.1	4.5	<0.1	12	0.1
210	N/A	N/A	8.8	<0.1	4.4	<0.1	12	0.1
211	N/A	N/A	8.7	<0.1	4.4	<0.1	12	0.1
212	N/A	N/A	8.6	<0.1	4.3	<0.1	12	0.1
213	N/A	N/A	8.5	<0.1	4.3	<0.1	11	0.1

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
214	N/A	N/A	8.4	<0.1	4.2	<0.1	11	0.1
215	N/A	N/A	8.3	<0.1	4.2	<0.1	11	0.1
216	N/A	N/A	8.2	<0.1	4.1	<0.1	11	<0.1
217	N/A	N/A	8.1	<0.1	4.1	<0.1	11	<0.1
218	N/A	N/A	8.0	<0.1	4.0	<0.1	10	<0.1
219	N/A	N/A	7.9	<0.1	4.0	<0.1	10	<0.1
220	N/A	N/A	7.9	<0.1	3.9	<0.1	10.0	<0.1
221	N/A	N/A	7.8	<0.1	3.9	<0.1	9.8	<0.1
222	N/A	N/A	7.7	<0.1	3.8	<0.1	9.6	<0.1
223	N/A	N/A	7.6	<0.1	3.8	<0.1	9.4	<0.1
224	N/A	N/A	7.5	<0.1	3.8	<0.1	9.3	<0.1
225	N/A	N/A	7.4	<0.1	3.7	<0.1	9.1	<0.1
226	N/A	N/A	7.3	<0.1	3.7	<0.1	8.9	<0.1
227	N/A	N/A	7.3	<0.1	3.6	<0.1	8.8	<0.1
228	N/A	N/A	7.2	<0.1	3.6	<0.1	8.6	<0.1
229	N/A	N/A	7.1	<0.1	3.6	<0.1	8.5	<0.1
230	N/A	N/A	7.0	<0.1	3.5	<0.1	8.3	<0.1
231	N/A	N/A	7.0	<0.1	3.5	<0.1	8.2	<0.1
232	N/A	N/A	6.9	<0.1	3.4	<0.1	8.1	<0.1
233	N/A	N/A	6.8	<0.1	3.4	<0.1	7.9	<0.1
234	N/A	N/A	6.7	<0.1	3.4	<0.1	7.8	<0.1
235	N/A	N/A	6.7	<0.1	3.3	<0.1	7.7	<0.1
236	N/A	N/A	6.6	<0.1	3.3	<0.1	7.6	<0.1
237	N/A	N/A	6.5	<0.1	3.3	<0.1	7.5	<0.1
238	N/A	N/A	6.5	<0.1	3.2	<0.1	7.4	<0.1
239	N/A	N/A	6.4	<0.1	3.2	<0.1	7.3	<0.1
240	N/A	N/A	6.3	<0.1	3.2	<0.1	7.2	<0.1
241	N/A	N/A	6.3	<0.1	3.1	<0.1	7.1	<0.1
242	N/A	N/A	6.2	<0.1	3.1	<0.1	7.0	<0.1
243	N/A	N/A	6.2	<0.1	3.1	<0.1	6.9	<0.1
244	N/A	N/A	6.1	<0.1	3.1	<0.1	6.9	<0.1
245	N/A	N/A	6.0	<0.1	3.0	<0.1	6.8	<0.1
246	N/A	N/A	6.0	<0.1	3.0	<0.1	6.7	<0.1
247	N/A	N/A	5.9	<0.1	3.0	<0.1	6.6	<0.1
248	N/A	N/A	5.9	<0.1	2.9	<0.1	6.5	<0.1
249	N/A	N/A	5.8	<0.1	2.9	<0.1	6.4	<0.1
250	N/A	N/A	5.7	<0.1	2.9	<0.1	6.4	<0.1
251	N/A	N/A	5.7	<0.1	2.9	<0.1	6.3	<0.1
252	N/A	N/A	5.6	<0.1	2.8	<0.1	6.2	<0.1
253	N/A	N/A	5.6	<0.1	2.8	<0.1	6.1	<0.1
254	N/A	N/A	5.5	<0.1	2.8	<0.1	6.1	<0.1
255	N/A	N/A	5.5	<0.1	2.8	<0.1	6.0	<0.1

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
256	N/A	N/A	5.4	<0.1	2.7	<0.1	5.9	<0.1
257	N/A	N/A	5.4	<0.1	2.7	<0.1	5.9	<0.1
258	N/A	N/A	5.3	<0.1	2.7	<0.1	5.8	<0.1
259	N/A	N/A	5.3	<0.1	2.7	<0.1	5.7	<0.1
260	N/A	N/A	5.2	<0.1	2.7	<0.1	5.7	<0.1
261	N/A	N/A	5.2	<0.1	2.6	<0.1	5.6	<0.1
262	N/A	N/A	5.1	<0.1	2.6	<0.1	5.5	<0.1
263	N/A	N/A	5.1	<0.1	2.6	<0.1	5.5	<0.1
264	N/A	N/A	5.0	<0.1	2.6	<0.1	5.4	<0.1
265	N/A	N/A	5.0	<0.1	2.5	<0.1	5.4	<0.1
266	N/A	N/A	4.9	<0.1	2.5	<0.1	5.3	<0.1
267	N/A	N/A	4.9	<0.1	2.5	<0.1	5.2	<0.1
268	N/A	N/A	4.9	<0.1	2.5	<0.1	5.2	<0.1
269	N/A	N/A	4.8	<0.1	2.5	<0.1	5.1	<0.1
270	N/A	N/A	4.8	<0.1	2.4	<0.1	5.1	<0.1
271	N/A	N/A	4.7	<0.1	2.4	<0.1	5.0	<0.1
272	N/A	N/A	4.7	<0.1	2.4	<0.1	5.0	<0.1
273	N/A	N/A	4.6	<0.1	2.4	<0.1	4.9	<0.1
274	N/A	N/A	4.6	<0.1	2.4	<0.1	4.9	<0.1
275	N/A	N/A	4.6	<0.1	2.4	<0.1	4.8	<0.1
276	N/A	N/A	4.5	<0.1	2.3	<0.1	4.8	<0.1
277	N/A	N/A	4.5	<0.1	2.3	<0.1	4.7	<0.1
278	N/A	N/A	4.4	<0.1	2.3	<0.1	4.7	<0.1
279	N/A	N/A	4.4	<0.1	2.3	<0.1	4.6	<0.1
280	N/A	N/A	4.4	<0.1	2.3	<0.1	4.6	<0.1
281	N/A	N/A	4.3	<0.1	2.3	<0.1	4.5	<0.1
282	N/A	N/A	4.3	<0.1	2.2	<0.1	4.5	<0.1
283	N/A	N/A	4.3	<0.1	2.2	<0.1	4.5	<0.1
284	N/A	N/A	4.2	<0.1	2.2	<0.1	4.4	<0.1
285	N/A	N/A	4.2	<0.1	2.2	<0.1	4.4	<0.1
286	N/A	N/A	4.2	<0.1	2.2	<0.1	4.3	<0.1
287	N/A	N/A	4.1	<0.1	2.2	<0.1	4.3	<0.1
288	N/A	N/A	4.1	<0.1	2.1	<0.1	4.2	<0.1
289	N/A	N/A	4.1	<0.1	2.1	<0.1	4.2	<0.1
290	N/A	N/A	4.0	<0.1	2.1	<0.1	4.2	<0.1
291	N/A	N/A	4.0	<0.1	2.1	<0.1	4.1	<0.1
292	N/A	N/A	4.0	<0.1	2.1	<0.1	4.1	<0.1
293	N/A	N/A	3.9	<0.1	2.1	<0.1	4.0	<0.1
294	N/A	N/A	3.9	<0.1	2.1	<0.1	4.0	<0.1
295	N/A	N/A	3.9	<0.1	2.0	<0.1	4.0	<0.1
296	N/A	N/A	3.8	<0.1	2.0	<0.1	3.9	<0.1
297	N/A	N/A	3.8	<0.1	2.0	<0.1	3.9	<0.1

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
298	N/A	N/A	3.8	<0.1	2.0	<0.1	3.9	<0.1
299	N/A	N/A	3.7	<0.1	2.0	<0.1	3.8	<0.1
300	N/A	N/A	3.7	<0.1	2.0	<0.1	3.8	<0.1
301	N/A	N/A	3.7	<0.1	2.0	<0.1	3.8	<0.1
302	N/A	N/A	3.7	<0.1	2.0	<0.1	3.7	<0.1
303	N/A	N/A	3.6	<0.1	1.9	<0.1	3.7	<0.1
304	N/A	N/A	3.6	<0.1	1.9	<0.1	3.7	<0.1
305	N/A	N/A	3.6	<0.1	1.9	<0.1	3.6	<0.1
306	N/A	N/A	3.5	<0.1	1.9	<0.1	3.6	<0.1
307	N/A	N/A	3.5	<0.1	1.9	<0.1	3.6	<0.1
308	N/A	N/A	3.5	<0.1	1.9	<0.1	3.5	<0.1
309	N/A	N/A	3.5	<0.1	1.9	<0.1	3.5	<0.1
310	N/A	N/A	3.4	<0.1	1.9	<0.1	3.5	<0.1
311	N/A	N/A	3.4	<0.1	1.8	<0.1	3.5	<0.1
312	N/A	N/A	3.4	<0.1	1.8	<0.1	3.4	<0.1
313	N/A	N/A	3.4	<0.1	1.8	<0.1	3.4	<0.1
314	N/A	N/A	3.3	<0.1	1.8	<0.1	3.4	<0.1
315	N/A	N/A	3.3	<0.1	1.8	<0.1	3.3	<0.1
316	N/A	N/A	3.3	<0.1	1.8	<0.1	3.3	<0.1
317	N/A	N/A	3.3	<0.1	1.8	<0.1	3.3	<0.1
318	N/A	N/A	3.2	<0.1	1.8	<0.1	3.3	<0.1
319	N/A	N/A	3.2	<0.1	1.8	<0.1	3.2	<0.1
320	N/A	N/A	3.2	<0.1	1.7	<0.1	3.2	<0.1
321	N/A	N/A	3.2	<0.1	1.7	<0.1	3.2	<0.1
322	N/A	N/A	3.1	<0.1	1.7	<0.1	3.2	<0.1
323	N/A	N/A	3.1	<0.1	1.7	<0.1	3.1	<0.1
324	N/A	N/A	3.1	<0.1	1.7	<0.1	3.1	<0.1
325	N/A	N/A	3.1	<0.1	1.7	<0.1	3.1	<0.1
326	N/A	N/A	3.1	<0.1	1.7	<0.1	3.1	<0.1
327	N/A	N/A	3.0	<0.1	1.7	<0.1	3.0	<0.1
328	N/A	N/A	3.0	<0.1	1.7	<0.1	3.0	<0.1
329	N/A	N/A	3.0	<0.1	1.7	<0.1	3.0	<0.1
330	N/A	N/A	3.0	<0.1	1.6	<0.1	3.0	<0.1
331	N/A	N/A	3.0	<0.1	1.6	<0.1	2.9	<0.1
332	N/A	N/A	2.9	<0.1	1.6	<0.1	2.9	<0.1
333	N/A	N/A	2.9	<0.1	1.6	<0.1	2.9	<0.1
334	N/A	N/A	2.9	<0.1	1.6	<0.1	2.9	<0.1
335	N/A	N/A	2.9	<0.1	1.6	<0.1	2.9	<0.1
336	N/A	N/A	2.9	<0.1	1.6	<0.1	2.8	<0.1
337	N/A	N/A	2.8	<0.1	1.6	<0.1	2.8	<0.1
338	N/A	N/A	2.8	<0.1	1.6	<0.1	2.8	<0.1
339	N/A	N/A	2.8	<0.1	1.6	<0.1	2.8	<0.1

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
340	N/A	N/A	2.8	<0.1	1.6	<0.1	2.8	<0.1
341	N/A	N/A	2.8	<0.1	1.6	<0.1	2.7	<0.1
342	N/A	N/A	2.7	<0.1	1.5	<0.1	2.7	<0.1
343	N/A	N/A	2.7	<0.1	1.5	<0.1	2.7	<0.1
344	N/A	N/A	2.7	<0.1	1.5	<0.1	2.7	<0.1
345	N/A	N/A	2.7	<0.1	1.5	<0.1	2.7	<0.1
346	N/A	N/A	2.7	<0.1	1.5	<0.1	2.6	<0.1
347	N/A	N/A	2.6	<0.1	1.5	<0.1	2.6	<0.1
348	N/A	N/A	2.6	<0.1	1.5	<0.1	2.6	<0.1
349	N/A	N/A	2.6	<0.1	1.5	<0.1	2.6	<0.1
350	N/A	N/A	2.6	<0.1	1.5	<0.1	2.6	<0.1
351	N/A	N/A	2.6	<0.1	1.5	<0.1	2.5	<0.1
352	N/A	N/A	2.6	<0.1	1.5	<0.1	2.5	<0.1
353	N/A	N/A	2.5	<0.1	1.5	<0.1	2.5	<0.1
354	N/A	N/A	2.5	<0.1	1.5	<0.1	2.5	<0.1
355	N/A	N/A	2.5	<0.1	1.4	<0.1	2.5	<0.1
356	N/A	N/A	2.5	<0.1	1.4	<0.1	2.5	<0.1
357	N/A	N/A	2.5	<0.1	1.4	<0.1	2.4	<0.1
358	N/A	N/A	2.5	<0.1	1.4	<0.1	2.4	<0.1
359	N/A	N/A	2.4	<0.1	1.4	<0.1	2.4	<0.1
360	N/A	N/A	2.4	<0.1	1.4	<0.1	2.4	<0.1
361	N/A	N/A	2.4	<0.1	1.4	<0.1	2.4	<0.1
362	N/A	N/A	2.4	<0.1	1.4	<0.1	2.4	<0.1
363	N/A	N/A	2.4	<0.1	1.4	<0.1	2.3	<0.1
364	N/A	N/A	2.4	<0.1	1.4	<0.1	2.3	<0.1
365	N/A	N/A	2.4	<0.1	1.4	<0.1	2.3	<0.1
366	N/A	N/A	2.3	<0.1	1.4	<0.1	2.3	<0.1
367	N/A	N/A	2.3	<0.1	1.4	<0.1	2.3	<0.1
368	N/A	N/A	2.3	<0.1	1.4	<0.1	2.3	<0.1
369	N/A	N/A	2.3	<0.1	1.3	<0.1	2.3	<0.1
370	N/A	N/A	2.3	<0.1	1.3	<0.1	2.2	<0.1
371	N/A	N/A	2.3	<0.1	1.3	<0.1	2.2	<0.1
372	N/A	N/A	2.3	<0.1	1.3	<0.1	2.2	<0.1
373	N/A	N/A	2.2	<0.1	1.3	<0.1	2.2	<0.1
374	N/A	N/A	2.2	<0.1	1.3	<0.1	2.2	<0.1
375	N/A	N/A	2.2	<0.1	1.3	<0.1	2.2	<0.1
376	N/A	N/A	2.2	<0.1	1.3	<0.1	2.2	<0.1
377	N/A	N/A	2.2	<0.1	1.3	<0.1	2.1	<0.1
378	N/A	N/A	2.2	<0.1	1.3	<0.1	2.1	<0.1
379	N/A	N/A	2.2	<0.1	1.3	<0.1	2.1	<0.1
380	N/A	N/A	2.2	<0.1	1.3	<0.1	2.1	<0.1
381	N/A	N/A	2.1	<0.1	1.3	<0.1	2.1	<0.1

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
382	N/A	N/A	2.1	<0.1	1.3	<0.1	2.1	<0.1
383	N/A	N/A	2.1	<0.1	1.3	<0.1	2.1	<0.1
384	N/A	N/A	2.1	<0.1	1.3	<0.1	2.1	<0.1
385	N/A	N/A	2.1	<0.1	1.3	<0.1	2.0	<0.1
386	N/A	N/A	2.1	<0.1	1.2	<0.1	2.0	<0.1
387	N/A	N/A	2.1	<0.1	1.2	<0.1	2.0	<0.1
388	N/A	N/A	2.1	<0.1	1.2	<0.1	2.0	<0.1
389	N/A	N/A	2.0	<0.1	1.2	<0.1	2.0	<0.1
390	N/A	N/A	2.0	<0.1	1.2	<0.1	2.0	<0.1
391	N/A	N/A	2.0	<0.1	1.2	<0.1	2.0	<0.1
392	N/A	N/A	2.0	<0.1	1.2	<0.1	2.0	<0.1
393	N/A	N/A	2.0	<0.1	1.2	<0.1	1.9	<0.1
394	N/A	N/A	2.0	<0.1	1.2	<0.1	1.9	<0.1
395	N/A	N/A	2.0	<0.1	1.2	<0.1	1.9	<0.1
396	N/A	N/A	2.0	<0.1	1.2	<0.1	1.9	<0.1
397	N/A	N/A	1.9	<0.1	1.2	<0.1	1.9	<0.1
398	N/A	N/A	1.9	<0.1	1.2	<0.1	1.9	<0.1
399	N/A	N/A	1.9	<0.1	1.2	<0.1	1.9	<0.1
400	N/A	N/A	1.9	<0.1	1.2	<0.1	1.9	<0.1
401	N/A	N/A	1.9	<0.1	1.2	<0.1	1.9	<0.1
402	N/A	N/A	1.9	<0.1	1.2	<0.1	1.8	<0.1
403	N/A	N/A	1.9	<0.1	1.2	<0.1	1.8	<0.1
404	N/A	N/A	1.9	<0.1	1.2	<0.1	1.8	<0.1
405	N/A	N/A	1.9	<0.1	1.1	<0.1	1.8	<0.1
406	N/A	N/A	1.9	<0.1	1.1	<0.1	1.8	<0.1
407	N/A	N/A	1.8	<0.1	1.1	<0.1	1.8	<0.1
408	N/A	N/A	1.8	<0.1	1.1	<0.1	1.8	<0.1
409	N/A	N/A	1.8	<0.1	1.1	<0.1	1.8	<0.1
410	N/A	N/A	1.8	<0.1	1.1	<0.1	1.8	<0.1
411	N/A	N/A	1.8	<0.1	1.1	<0.1	1.8	<0.1
412	N/A	N/A	1.8	<0.1	1.1	<0.1	1.7	<0.1
413	N/A	N/A	1.8	<0.1	1.1	<0.1	1.7	<0.1
414	N/A	N/A	1.8	<0.1	1.1	<0.1	1.7	<0.1
415	N/A	N/A	1.8	<0.1	1.1	<0.1	1.7	<0.1
416	N/A	N/A	1.8	<0.1	1.1	<0.1	1.7	<0.1
417	N/A	N/A	1.7	<0.1	1.1	<0.1	1.7	<0.1
418	N/A	N/A	1.7	<0.1	1.1	<0.1	1.7	<0.1
419	N/A	N/A	1.7	<0.1	1.1	<0.1	1.7	<0.1
420	N/A	N/A	1.7	<0.1	1.1	<0.1	1.7	<0.1
421	N/A	N/A	1.7	<0.1	1.1	<0.1	1.7	<0.1
422	N/A	N/A	1.7	<0.1	1.1	<0.1	1.7	<0.1
423	N/A	N/A	1.7	<0.1	1.1	<0.1	1.6	<0.1

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
424	N/A	N/A	1.7	<0.1	1.1	<0.1	1.6	<0.1
425	N/A	N/A	1.7	<0.1	1.1	<0.1	1.6	<0.1
426	N/A	N/A	1.7	<0.1	1.1	<0.1	1.6	<0.1
427	N/A	N/A	1.7	<0.1	1.1	<0.1	1.6	<0.1
428	N/A	N/A	1.6	<0.1	1.0	<0.1	1.6	<0.1
429	N/A	N/A	1.6	<0.1	1.0	<0.1	1.6	<0.1
430	N/A	N/A	1.6	<0.1	1.0	<0.1	1.6	<0.1
431	N/A	N/A	1.6	<0.1	1.0	<0.1	1.6	<0.1
432	N/A	N/A	1.6	<0.1	1.0	<0.1	1.6	<0.1
433	N/A	N/A	1.6	<0.1	1.0	<0.1	1.6	<0.1
434	N/A	N/A	1.6	<0.1	1.0	<0.1	1.5	<0.1
435	N/A	N/A	1.6	<0.1	1.0	<0.1	1.5	<0.1
436	N/A	N/A	1.6	<0.1	1.0	<0.1	1.5	<0.1
437	N/A	N/A	1.6	<0.1	1.0	<0.1	1.5	<0.1
438	N/A	N/A	1.6	<0.1	1.0	<0.1	1.5	<0.1
439	N/A	N/A	1.6	<0.1	1.0	<0.1	1.5	<0.1
440	N/A	N/A	1.5	<0.1	1.0	<0.1	1.5	<0.1
441	N/A	N/A	1.5	<0.1	1.0	<0.1	1.5	<0.1
442	N/A	N/A	1.5	<0.1	1.0	<0.1	1.5	<0.1
443	N/A	N/A	1.5	<0.1	1.0	<0.1	1.5	<0.1
444	N/A	N/A	1.5	<0.1	1.0	<0.1	1.5	<0.1
445	N/A	N/A	1.5	<0.1	1.0	<0.1	1.5	<0.1
446	N/A	N/A	1.5	<0.1	1.0	<0.1	1.5	<0.1
447	N/A	N/A	1.5	<0.1	1.0	<0.1	1.5	<0.1
448	N/A	N/A	1.5	<0.1	1.0	<0.1	1.4	<0.1
449	N/A	N/A	1.5	<0.1	1.0	<0.1	1.4	<0.1
450	N/A	N/A	1.5	<0.1	1.0	<0.1	1.4	<0.1
451	N/A	N/A	1.5	<0.1	1.0	<0.1	1.4	<0.1
452	N/A	N/A	1.5	<0.1	1.0	<0.1	1.4	<0.1
453	N/A	N/A	1.4	<0.1	1.0	<0.1	1.4	<0.1
454	N/A	N/A	1.4	<0.1	0.9	<0.1	1.4	<0.1
455	N/A	N/A	1.4	<0.1	0.9	<0.1	1.4	<0.1
456	N/A	N/A	1.4	<0.1	0.9	<0.1	1.4	<0.1
457	N/A	N/A	1.4	<0.1	0.9	<0.1	1.4	<0.1
458	N/A	N/A	1.4	<0.1	0.9	<0.1	1.4	<0.1
459	N/A	N/A	1.4	<0.1	0.9	<0.1	1.4	<0.1
460	N/A	N/A	1.4	<0.1	0.9	<0.1	1.4	<0.1
461	N/A	N/A	1.4	<0.1	0.9	<0.1	1.4	<0.1
462	N/A	N/A	1.4	<0.1	0.9	<0.1	1.3	<0.1
463	N/A	N/A	1.4	<0.1	0.9	<0.1	1.3	<0.1
464	N/A	N/A	1.4	<0.1	0.9	<0.1	1.3	<0.1
465	N/A	N/A	1.4	<0.1	0.9	<0.1	1.3	<0.1

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Table D-3 – Continued from previous page

Dist (feet)	XS-946-5 Existing Magnetic Field Maximum (mG)	XS-946-5 Existing Electric Field Resultant (kV/m)	XS-946-5 Proposed Magnetic Field Maximum (mG)	XS-946-5 Proposed Electric Field Resultant (kV/m)	XS-946-6 Existing Magnetic Field Maximum (mG)	XS-946-6 Existing Electric Field Resultant (kV/m)	XS-946-6 Proposed Magnetic Field Maximum (mG)	XS-946-6 Proposed Electric Field Resultant (kV/m)
466	N/A	N/A	1.4	<0.1	0.9	<0.1	1.3	<0.1
467	N/A	N/A	1.4	<0.1	0.9	<0.1	1.3	<0.1
468	N/A	N/A	1.3	<0.1	0.9	<0.1	1.3	<0.1
469	N/A	N/A	1.3	<0.1	0.9	<0.1	1.3	<0.1
470	N/A	N/A	1.3	<0.1	0.9	<0.1	1.3	<0.1
471	N/A	N/A	1.3	<0.1	0.9	<0.1	1.3	<0.1
472	N/A	N/A	1.3	<0.1	0.9	<0.1	1.3	<0.1
473	N/A	N/A	1.3	<0.1	0.9	<0.1	1.3	<0.1
474	N/A	N/A	1.3	<0.1	0.9	<0.1	1.3	<0.1
475	N/A	N/A	1.3	<0.1	0.9	<0.1	1.3	<0.1
476	N/A	N/A	1.3	<0.1	0.9	<0.1	1.3	<0.1
477	N/A	N/A	1.3	<0.1	0.9	<0.1	1.3	<0.1
478	N/A	N/A	1.3	<0.1	0.9	<0.1	1.3	<0.1
479	N/A	N/A	1.3	<0.1	0.9	<0.1	1.2	<0.1
480	N/A	N/A	1.3	<0.1	0.9	<0.1	1.2	<0.1
481	N/A	N/A	1.3	<0.1	0.9	<0.1	1.2	<0.1
482	N/A	N/A	1.3	<0.1	0.9	<0.1	1.2	<0.1
483	N/A	N/A	1.3	<0.1	0.9	<0.1	1.2	<0.1
484	N/A	N/A	1.2	<0.1	0.9	<0.1	1.2	<0.1
485	N/A	N/A	1.2	<0.1	0.8	<0.1	1.2	<0.1
486	N/A	N/A	1.2	<0.1	0.8	<0.1	1.2	<0.1
487	N/A	N/A	1.2	<0.1	0.8	<0.1	1.2	<0.1
488	N/A	N/A	1.2	<0.1	0.8	<0.1	1.2	<0.1
489	N/A	N/A	1.2	<0.1	0.8	<0.1	1.2	<0.1
490	N/A	N/A	1.2	<0.1	0.8	<0.1	1.2	<0.1
491	N/A	N/A	1.2	<0.1	0.8	<0.1	1.2	<0.1
492	N/A	N/A	1.2	<0.1	0.8	<0.1	1.2	<0.1
493	N/A	N/A	1.2	<0.1	0.8	<0.1	1.2	<0.1
494	N/A	N/A	1.2	<0.1	0.8	<0.1	1.2	<0.1
495	N/A	N/A	1.2	<0.1	0.8	<0.1	1.2	<0.1
496	N/A	N/A	1.2	<0.1	0.8	<0.1	1.2	<0.1
497	N/A	N/A	1.2	<0.1	0.8	<0.1	1.2	<0.1
498	N/A	N/A	1.2	<0.1	0.8	<0.1	1.1	<0.1
499	N/A	N/A	1.2	<0.1	0.8	<0.1	1.1	<0.1
500	N/A	N/A	1.2	<0.1	0.8	<0.1	1.1	<0.1

Table D-4. Calculated EMF levels for XS-J-1 through XS-J-2

	XS-J-1 Existing		XS-J-1 Proposed		XS-J-2 Existing		XS-J-2 Proposed	
Dist (feet)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)
-500	4.0	<0.1	3.1	<0.1	4.0	<0.1	3.4	<0.1
-499	4.0	<0.1	3.2	<0.1	4.0	<0.1	3.4	<0.1
-498	4.0	<0.1	3.2	<0.1	4.0	<0.1	3.4	<0.1
-497	4.0	<0.1	3.2	<0.1	4.0	<0.1	3.4	<0.1
-496	4.1	<0.1	3.2	<0.1	4.1	<0.1	3.5	<0.1
-495	4.1	<0.1	3.3	<0.1	4.1	<0.1	3.5	<0.1
-494	4.1	<0.1	3.3	<0.1	4.1	<0.1	3.5	<0.1
-493	4.2	<0.1	3.3	<0.1	4.2	<0.1	3.5	<0.1
-492	4.2	<0.1	3.3	<0.1	4.2	<0.1	3.6	<0.1
-491	4.2	<0.1	3.4	<0.1	4.2	<0.1	3.6	<0.1
-490	4.3	<0.1	3.4	<0.1	4.3	<0.1	3.6	<0.1
-489	4.3	<0.1	3.4	<0.1	4.3	<0.1	3.7	<0.1
-488	4.3	<0.1	3.4	<0.1	4.3	<0.1	3.7	<0.1
-487	4.4	<0.1	3.5	<0.1	4.4	<0.1	3.7	<0.1
-486	4.4	<0.1	3.5	<0.1	4.4	<0.1	3.7	<0.1
-485	4.4	<0.1	3.5	<0.1	4.4	<0.1	3.8	<0.1
-484	4.5	<0.1	3.5	<0.1	4.5	<0.1	3.8	<0.1
-483	4.5	<0.1	3.6	<0.1	4.5	<0.1	3.8	<0.1
-482	4.5	<0.1	3.6	<0.1	4.5	<0.1	3.9	<0.1
-481	4.6	<0.1	3.6	<0.1	4.6	<0.1	3.9	<0.1
-480	4.6	<0.1	3.7	<0.1	4.6	<0.1	3.9	<0.1
-479	4.7	<0.1	3.7	<0.1	4.7	<0.1	4.0	<0.1
-478	4.7	<0.1	3.7	<0.1	4.7	<0.1	4.0	<0.1
-477	4.7	<0.1	3.8	<0.1	4.7	<0.1	4.0	<0.1
-476	4.8	<0.1	3.8	<0.1	4.8	<0.1	4.1	<0.1
-475	4.8	<0.1	3.8	<0.1	4.8	<0.1	4.1	<0.1
-474	4.8	<0.1	3.9	<0.1	4.8	<0.1	4.1	<0.1
-473	4.9	<0.1	3.9	<0.1	4.9	<0.1	4.2	<0.1
-472	4.9	<0.1	3.9	<0.1	4.9	<0.1	4.2	<0.1
-471	5.0	<0.1	4.0	<0.1	5.0	<0.1	4.2	<0.1
-470	5.0	<0.1	4.0	<0.1	5.0	<0.1	4.3	<0.1
-469	5.1	<0.1	4.0	<0.1	5.1	<0.1	4.3	<0.1
-468	5.1	<0.1	4.1	<0.1	5.1	<0.1	4.3	<0.1
-467	5.1	<0.1	4.1	<0.1	5.1	<0.1	4.4	<0.1
-466	5.2	<0.1	4.1	<0.1	5.2	<0.1	4.4	<0.1
-465	5.2	<0.1	4.2	<0.1	5.2	<0.1	4.4	<0.1
-464	5.3	<0.1	4.2	<0.1	5.3	<0.1	4.5	<0.1
-463	5.3	<0.1	4.2	<0.1	5.3	<0.1	4.5	<0.1
-462	5.4	<0.1	4.3	<0.1	5.4	<0.1	4.6	<0.1
-461	5.4	<0.1	4.3	<0.1	5.4	<0.1	4.6	<0.1
-460	5.5	<0.1	4.4	<0.1	5.5	<0.1	4.6	<0.1
-459	5.5	<0.1	4.4	<0.1	5.5	<0.1	4.7	<0.1

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
-458	5.5	<0.1	4.4	<0.1	5.5	<0.1	4.7	<0.1
-457	5.6	<0.1	4.5	<0.1	5.6	<0.1	4.8	<0.1
-456	5.6	<0.1	4.5	<0.1	5.6	<0.1	4.8	<0.1
-455	5.7	<0.1	4.6	<0.1	5.7	<0.1	4.8	<0.1
-454	5.7	<0.1	4.6	<0.1	5.7	<0.1	4.9	<0.1
-453	5.8	<0.1	4.6	<0.1	5.8	<0.1	4.9	<0.1
-452	5.8	<0.1	4.7	<0.1	5.8	<0.1	5.0	<0.1
-451	5.9	<0.1	4.7	<0.1	5.9	<0.1	5.0	<0.1
-450	6.0	<0.1	4.8	<0.1	6.0	<0.1	5.1	<0.1
-449	6.0	<0.1	4.8	<0.1	6.0	<0.1	5.1	<0.1
-448	6.1	<0.1	4.9	<0.1	6.1	<0.1	5.2	<0.1
-447	6.1	<0.1	4.9	<0.1	6.1	<0.1	5.2	<0.1
-446	6.2	<0.1	5.0	<0.1	6.2	<0.1	5.3	<0.1
-445	6.2	<0.1	5.0	<0.1	6.2	<0.1	5.3	<0.1
-444	6.3	<0.1	5.1	<0.1	6.3	<0.1	5.3	<0.1
-443	6.3	<0.1	5.1	<0.1	6.3	<0.1	5.4	<0.1
-442	6.4	<0.1	5.2	<0.1	6.4	<0.1	5.5	<0.1
-441	6.5	<0.1	5.2	<0.1	6.5	<0.1	5.5	<0.1
-440	6.5	<0.1	5.3	<0.1	6.5	<0.1	5.6	<0.1
-439	6.6	<0.1	5.3	<0.1	6.6	<0.1	5.6	<0.1
-438	6.7	<0.1	5.4	<0.1	6.7	<0.1	5.7	<0.1
-437	6.7	<0.1	5.4	<0.1	6.7	<0.1	5.7	<0.1
-436	6.8	<0.1	5.5	<0.1	6.8	<0.1	5.8	<0.1
-435	6.8	<0.1	5.5	<0.1	6.8	<0.1	5.8	<0.1
-434	6.9	<0.1	5.6	<0.1	6.9	<0.1	5.9	<0.1
-433	7.0	<0.1	5.6	<0.1	7.0	<0.1	5.9	<0.1
-432	7.0	<0.1	5.7	<0.1	7.0	<0.1	6.0	<0.1
-431	7.1	<0.1	5.8	<0.1	7.1	<0.1	6.1	<0.1
-430	7.2	<0.1	5.8	<0.1	7.2	<0.1	6.1	<0.1
-429	7.3	<0.1	5.9	<0.1	7.3	<0.1	6.2	<0.1
-428	7.3	<0.1	5.9	<0.1	7.3	<0.1	6.2	<0.1
-427	7.4	<0.1	6.0	<0.1	7.4	<0.1	6.3	<0.1
-426	7.5	<0.1	6.1	<0.1	7.5	<0.1	6.4	<0.1
-425	7.6	<0.1	6.1	<0.1	7.6	<0.1	6.4	<0.1
-424	7.6	<0.1	6.2	<0.1	7.6	<0.1	6.5	<0.1
-423	7.7	<0.1	6.3	<0.1	7.7	<0.1	6.6	<0.1
-422	7.8	<0.1	6.3	<0.1	7.8	<0.1	6.6	<0.1
-421	7.9	<0.1	6.4	<0.1	7.9	<0.1	6.7	<0.1
-420	7.9	<0.1	6.5	<0.1	7.9	<0.1	6.8	<0.1
-419	8.0	<0.1	6.5	<0.1	8.0	<0.1	6.9	<0.1
-418	8.1	<0.1	6.6	<0.1	8.1	<0.1	6.9	<0.1
-417	8.2	<0.1	6.7	<0.1	8.2	<0.1	7.0	<0.1

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
-416	8.3	<0.1	6.8	<0.1	8.3	<0.1	7.1	<0.1
-415	8.4	<0.1	6.8	<0.1	8.4	<0.1	7.2	<0.1
-414	8.5	<0.1	6.9	<0.1	8.5	<0.1	7.2	<0.1
-413	8.6	<0.1	7.0	<0.1	8.6	<0.1	7.3	<0.1
-412	8.6	<0.1	7.1	<0.1	8.6	<0.1	7.4	<0.1
-411	8.7	<0.1	7.1	<0.1	8.7	<0.1	7.5	<0.1
-410	8.8	<0.1	7.2	<0.1	8.8	<0.1	7.6	<0.1
-409	8.9	<0.1	7.3	<0.1	8.9	<0.1	7.6	<0.1
-408	9.0	<0.1	7.4	<0.1	9.0	<0.1	7.7	<0.1
-407	9.1	<0.1	7.5	<0.1	9.1	<0.1	7.8	<0.1
-406	9.2	<0.1	7.6	<0.1	9.2	<0.1	7.9	<0.1
-405	9.3	<0.1	7.7	<0.1	9.3	<0.1	8.0	<0.1
-404	9.4	<0.1	7.7	<0.1	9.4	<0.1	8.1	<0.1
-403	9.5	<0.1	7.8	<0.1	9.5	<0.1	8.2	<0.1
-402	9.6	<0.1	7.9	<0.1	9.6	<0.1	8.3	<0.1
-401	9.8	<0.1	8.0	<0.1	9.8	<0.1	8.4	<0.1
-400	9.9	<0.1	8.1	<0.1	9.9	<0.1	8.5	<0.1
-399	10.0	<0.1	8.2	<0.1	10.0	<0.1	8.6	<0.1
-398	10	<0.1	8.3	<0.1	10	<0.1	8.7	<0.1
-397	10	<0.1	8.4	<0.1	10	<0.1	8.8	<0.1
-396	10	<0.1	8.5	<0.1	10	<0.1	8.9	<0.1
-395	10	<0.1	8.6	<0.1	10	<0.1	9.0	<0.1
-394	11	<0.1	8.7	<0.1	11	<0.1	9.1	<0.1
-393	11	<0.1	8.9	<0.1	11	<0.1	9.2	<0.1
-392	11	<0.1	9.0	<0.1	11	<0.1	9.3	<0.1
-391	11	<0.1	9.1	0.1	11	<0.1	9.4	0.1
-390	11	<0.1	9.2	0.1	11	<0.1	9.6	0.1
-389	11	<0.1	9.3	0.1	11	<0.1	9.7	0.1
-388	11	<0.1	9.4	0.1	11	<0.1	9.8	0.1
-387	12	<0.1	9.6	0.1	12	<0.1	9.9	0.1
-386	12	<0.1	9.7	0.1	12	<0.1	10	0.1
-385	12	<0.1	9.8	0.1	12	<0.1	10	0.1
-384	12	<0.1	9.9	0.1	12	<0.1	10	0.1
-383	12	0.1	10	0.1	12	0.1	10	0.1
-382	12	0.1	10	0.1	12	0.1	11	0.1
-381	12	0.1	10	0.1	12	0.1	11	0.1
-380	13	0.1	10	0.1	13	0.1	11	0.1
-379	13	0.1	11	0.1	13	0.1	11	0.1
-378	13	0.1	11	0.1	13	0.1	11	0.1
-377	13	0.1	11	0.1	13	0.1	11	0.1
-376	13	0.1	11	0.1	13	0.1	11	0.1
-375	13	0.1	11	0.1	13	0.1	12	0.1

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
-374	14	0.1	11	0.1	14	0.1	12	0.1
-373	14	0.1	12	0.1	14	0.1	12	0.1
-372	14	0.1	12	0.1	14	0.1	12	0.1
-371	14	0.1	12	0.1	14	0.1	12	0.1
-370	14	0.1	12	0.1	14	0.1	12	0.1
-369	15	0.1	12	0.1	15	0.1	13	0.1
-368	15	0.1	12	0.1	15	0.1	13	0.1
-367	15	0.1	13	0.1	15	0.1	13	0.1
-366	15	0.1	13	0.1	15	0.1	13	0.1
-365	15	0.1	13	0.1	15	0.1	13	0.1
-364	16	0.1	13	0.1	16	0.1	14	0.1
-363	16	0.1	13	0.1	16	0.1	14	0.1
-362	16	0.1	14	0.1	16	0.1	14	0.1
-361	16	0.1	14	0.1	16	0.1	14	0.1
-360	17	0.1	14	0.1	17	0.1	14	0.1
-359	17	0.1	14	0.1	17	0.1	15	0.1
-358	17	0.1	14	0.1	17	0.1	15	0.1
-357	17	0.1	15	0.1	17	0.1	15	0.1
-356	18	0.1	15	0.1	18	0.1	15	0.1
-355	18	0.1	15	0.1	18	0.1	16	0.1
-354	18	0.1	15	0.1	18	0.1	16	0.1
-353	18	0.1	16	0.1	18	0.1	16	0.1
-352	19	0.1	16	0.1	19	0.1	16	0.1
-351	19	0.1	16	0.1	19	0.1	17	0.1
-350	19	0.1	16	0.1	19	0.1	17	0.1
-349	20	0.1	17	0.1	20	0.1	17	0.1
-348	20	0.1	17	0.1	20	0.1	17	0.1
-347	20	0.1	17	0.1	20	0.1	18	0.1
-346	21	0.1	18	0.1	21	0.1	18	0.1
-345	21	0.1	18	0.1	21	0.1	18	0.1
-344	21	0.1	18	0.1	21	0.1	19	0.1
-343	22	0.1	19	0.1	22	0.1	19	0.1
-342	22	0.1	19	0.1	22	0.1	19	0.1
-341	22	0.1	19	0.1	22	0.1	20	0.1
-340	23	0.1	20	0.1	23	0.1	20	0.1
-339	23	0.1	20	0.1	23	0.1	20	0.1
-338	23	0.1	20	0.1	23	0.1	21	0.1
-337	24	0.1	21	0.1	24	0.1	21	0.1
-336	24	0.1	21	0.1	24	0.1	22	0.1
-335	25	0.1	21	0.2	25	0.1	22	0.2
-334	25	0.1	22	0.2	25	0.1	22	0.2
-333	26	0.2	22	0.2	26	0.2	23	0.2

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
-332	26	0.2	23	0.2	26	0.2	23	0.2
-331	27	0.2	23	0.2	27	0.2	24	0.2
-330	27	0.2	24	0.2	27	0.2	24	0.2
-329	28	0.2	24	0.2	28	0.2	25	0.2
-328	28	0.2	25	0.2	28	0.2	25	0.2
-327	29	0.2	25	0.2	29	0.2	26	0.2
-326	29	0.2	26	0.2	29	0.2	26	0.2
-325	30	0.2	26	0.2	30	0.2	27	0.2
-324	30	0.2	27	0.2	30	0.2	27	0.2
-323	31	0.2	27	0.2	31	0.2	28	0.2
-322	32	0.2	28	0.2	32	0.2	28	0.2
-321	32	0.2	28	0.2	32	0.2	29	0.2
-320	33	0.2	29	0.2	33	0.2	30	0.2
-319	33	0.2	30	0.2	33	0.2	30	0.2
-318	34	0.2	30	0.2	34	0.2	31	0.2
-317	35	0.2	31	0.2	35	0.2	32	0.2
-316	36	0.2	32	0.3	36	0.2	32	0.3
-315	36	0.3	32	0.3	36	0.3	33	0.3
-314	37	0.3	33	0.3	37	0.3	34	0.3
-313	38	0.3	34	0.3	38	0.3	34	0.3
-312	39	0.3	35	0.3	39	0.3	35	0.3
-311	40	0.3	36	0.3	40	0.3	36	0.3
-310	41	0.3	36	0.3	41	0.3	37	0.3
-309	42	0.3	37	0.3	42	0.3	38	0.3
-308	42	0.3	38	0.3	42	0.3	39	0.3
-307	43	0.3	39	0.3	43	0.3	40	0.3
-306	45	0.3	40	0.3	45	0.3	41	0.3
-305	46	0.3	41	0.4	46	0.3	42	0.4
-304	47	0.4	42	0.4	47	0.4	43	0.4
-303	48	0.4	43	0.4	48	0.4	44	0.4
-302	49	0.4	45	0.4	49	0.4	45	0.4
-301	50	0.4	46	0.4	50	0.4	46	0.4
-300	51	0.4	47	0.4	51	0.4	47	0.4
-299	53	0.4	48	0.4	53	0.4	49	0.4
-298	54	0.4	50	0.5	54	0.4	50	0.5
-297	56	0.5	51	0.5	56	0.5	51	0.5
-296	57	0.5	52	0.5	57	0.5	53	0.5
-295	59	0.5	54	0.5	59	0.5	54	0.5
-294	60	0.5	55	0.5	60	0.5	56	0.5
-293	62	0.5	57	0.5	62	0.5	57	0.5
-292	64	0.6	59	0.6	64	0.6	59	0.6
-291	65	0.6	60	0.6	65	0.6	61	0.6

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
-290	67	0.6	62	0.6	67	0.6	63	0.6
-289	69	0.6	64	0.6	69	0.6	65	0.6
-288	71	0.7	66	0.7	71	0.7	67	0.7
-287	73	0.7	68	0.7	73	0.7	69	0.7
-286	75	0.7	70	0.7	75	0.7	71	0.7
-285	78	0.7	73	0.7	78	0.7	73	0.8
-284	80	0.8	75	0.8	80	0.8	75	0.8
-283	83	0.8	77	0.8	83	0.8	78	0.8
-282	85	0.8	80	0.8	85	0.8	81	0.8
-281	88	0.9	83	0.9	88	0.9	83	0.9
-280	91	0.9	86	0.9	91	0.9	86	0.9
-279	94	1.0	89	1.0	94	1.0	89	1.0
-278	97	1.0	92	1.0	97	1.0	92	1.0
-277	100	1.0	95	1.1	100	1.0	95	1.1
-276	104	1.1	98	1.1	104	1.1	99	1.1
-275	107	1.1	102	1.2	107	1.1	102	1.2
-274	111	1.2	106	1.2	111	1.2	106	1.2
-273	115	1.3	110	1.3	115	1.3	110	1.3
-272	119	1.3	114	1.3	119	1.3	114	1.3
-271	123	1.4	118	1.4	123	1.4	119	1.4
-270	128	1.4	123	1.4	128	1.4	123	1.4
-269	133	1.5	128	1.5	133	1.5	128	1.5
-268	138	1.6	133	1.6	138	1.6	133	1.6
-267	143	1.7	138	1.7	143	1.7	138	1.7
-266	148	1.7	144	1.7	148	1.7	144	1.7
-265	154	1.8	149	1.8	154	1.8	150	1.8
-264	160	1.9	156	1.9	160	1.9	156	1.9
-263	167	2.0	162	2.0	167	2.0	162	2.0
-262	173	2.1	169	2.1	173	2.1	169	2.1
-261	180	2.2	176	2.2	180	2.2	176	2.2
-260	188	2.3	183	2.3	188	2.3	184	2.3
-259	195	2.4	191	2.4	195	2.4	192	2.4
-258	203	2.5	199	2.5	203	2.5	200	2.5
-257	211	2.6	208	2.6	211	2.6	208	2.6
-256	220	2.7	217	2.7	220	2.7	217	2.7
-255	229	2.8	226	2.8	229	2.8	226	2.8
-254	238	2.9	236	2.9	238	2.9	236	2.9
-253	248	3.0	245	3.0	248	3.0	246	3.0
-252	257	3.1	256	3.1	257	3.1	256	3.1
-251	267	3.2	266	3.2	267	3.2	266	3.2
-250	277	3.3	277	3.3	277	3.3	277	3.3
-249	288	3.4	287	3.4	288	3.4	287	3.4

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
-248	298	3.5	298	3.5	298	3.5	298	3.5
-247	308	3.5	309	3.6	308	3.5	309	3.6
-246	318	3.6	320	3.6	318	3.6	320	3.6
-245	328	3.6	330	3.6	328	3.6	330	3.6
-244	338	3.7	341	3.7	338	3.7	341	3.7
-243	347	3.7	351	3.7	347	3.7	351	3.7
-242	356	3.6	361	3.6	356	3.6	361	3.6
-241	365	3.6	370	3.6	365	3.6	370	3.6
-240	373	3.6	379	3.6	373	3.6	378	3.6
-239	380	3.5	387	3.5	380	3.5	387	3.5
-238	386	3.4	394	3.4	386	3.4	394	3.4
-237	392	3.3	401	3.3	392	3.3	401	3.3
-236	397	3.2	407	3.2	397	3.2	407	3.2
-235	402	3.1	413	3.1	402	3.1	412	3.1
-234	405	3.0	417	3.0	405	3.0	417	3.0
-233	408	2.9	421	2.9	408	2.9	421	2.9
-232	410	2.8	425	2.8	410	2.8	424	2.8
-231	412	2.7	428	2.7	412	2.7	427	2.7
-230	413	2.6	430	2.6	413	2.6	429	2.6
-229	413	2.5	432	2.5	413	2.5	431	2.5
-228	413	2.4	433	2.4	413	2.4	432	2.4
-227	413	2.4	434	2.4	413	2.4	433	2.4
-226	412	2.4	435	2.4	412	2.4	434	2.4
-225	412	2.3	436	2.4	412	2.3	435	2.4
-224	411	2.3	436	2.4	411	2.3	436	2.4
-223	410	2.3	437	2.4	410	2.3	436	2.4
-222	410	2.3	438	2.4	410	2.3	437	2.4
-221	409	2.3	439	2.4	409	2.3	439	2.4
-220	409	2.3	441	2.4	409	2.3	440	2.4
-219	409	2.3	442	2.4	409	2.3	442	2.4
-218	409	2.3	444	2.4	409	2.3	444	2.4
-217	410	2.3	446	2.4	410	2.3	446	2.4
-216	410	2.4	448	2.4	410	2.4	448	2.4
-215	411	2.4	450	2.4	411	2.4	450	2.4
-214	411	2.4	452	2.4	411	2.4	451	2.4
-213	412	2.5	453	2.5	412	2.5	453	2.5
-212	412	2.5	454	2.6	412	2.5	454	2.6
-211	411	2.6	455	2.6	411	2.6	454	2.6
-210	411	2.7	455	2.7	411	2.7	454	2.7
-209	409	2.8	454	2.8	409	2.8	454	2.8
-208	407	2.9	453	3.0	407	2.9	452	3.0
-207	405	3.0	451	3.1	405	3.0	450	3.1

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
-206	402	3.1	448	3.2	402	3.1	447	3.2
-205	398	3.2	444	3.3	398	3.2	443	3.3
-204	393	3.3	439	3.4	393	3.3	439	3.4
-203	388	3.4	434	3.5	388	3.4	433	3.5
-202	382	3.5	428	3.6	382	3.5	427	3.6
-201	375	3.6	421	3.7	375	3.6	420	3.7
-200	368	3.6	413	3.7	368	3.6	413	3.7
-199	360	3.7	405	3.8	360	3.7	405	3.8
-198	351	3.7	396	3.8	351	3.7	396	3.8
-197	343	3.7	387	3.8	343	3.7	387	3.8
-196	333	3.6	378	3.8	333	3.6	378	3.8
-195	324	3.6	369	3.8	324	3.6	368	3.8
-194	314	3.5	359	3.7	314	3.5	359	3.7
-193	304	3.5	350	3.7	304	3.5	349	3.7
-192	295	3.4	340	3.6	295	3.4	340	3.6
-191	285	3.3	331	3.5	285	3.3	331	3.5
-190	275	3.2	323	3.5	275	3.2	322	3.5
-189	266	3.1	314	3.4	266	3.1	314	3.4
-188	257	3.0	307	3.3	257	3.0	306	3.3
-187	247	2.9	299	3.2	247	2.9	299	3.2
-186	239	2.8	293	3.1	239	2.8	292	3.1
-185	230	2.7	287	3.1	230	2.7	287	3.1
-184	222	2.6	282	3.0	222	2.6	282	3.0
-183	214	2.5	277	2.9	214	2.5	277	2.9
-182	207	2.4	274	2.8	207	2.4	274	2.8
-181	199	2.3	271	2.8	199	2.3	271	2.8
-180	192	2.2	269	2.7	192	2.2	269	2.7
-179	186	2.1	268	2.6	186	2.1	267	2.6
-178	179	2.0	267	2.6	179	2.0	267	2.6
-177	173	1.9	268	2.5	173	1.9	267	2.5
-176	168	1.8	269	2.5	168	1.8	268	2.5
-175	162	1.7	270	2.4	162	1.7	270	2.4
-174	157	1.6	273	2.4	157	1.6	273	2.4
-173	152	1.5	276	2.4	152	1.5	276	2.4
-172	148	1.5	279	2.4	148	1.5	279	2.4
-171	143	1.4	284	2.3	143	1.4	283	2.3
-170	139	1.3	288	2.3	139	1.3	288	2.3
-169	135	1.3	293	2.3	135	1.3	292	2.3
-168	132	1.2	297	2.3	132	1.2	297	2.3
-167	128	1.2	302	2.2	128	1.2	302	2.2
-166	125	1.1	307	2.2	125	1.1	307	2.2
-165	122	1.1	312	2.2	122	1.1	312	2.2

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
-164	119	1.0	316	2.2	119	1.0	316	2.2
-163	116	1.0	320	2.1	116	1.0	321	2.1
-162	113	1.0	324	2.1	113	1.0	324	2.1
-161	111	0.9	327	2.0	111	0.9	327	2.0
-160	109	0.9	329	2.0	109	0.9	330	2.0
-159	106	0.9	331	1.9	106	0.9	331	1.9
-158	104	0.9	332	1.9	104	0.9	332	1.9
-157	102	0.9	332	1.8	102	0.9	332	1.8
-156	101	0.9	331	1.7	101	0.9	331	1.7
-155	99	0.9	329	1.7	99	0.9	330	1.7
-154	97	0.9	327	1.6	97	0.9	327	1.6
-153	96	0.9	324	1.5	96	0.9	324	1.5
-152	95	0.9	320	1.4	95	0.9	320	1.4
-151	94	0.9	315	1.4	94	0.9	316	1.4
-150	93	1.0	310	1.3	93	1.0	311	1.3
-149	93	1.0	304	1.2	93	1.0	305	1.2
-148	96	1.1	298	1.1	96	1.1	298	1.1
-147	100	1.1	291	1.1	100	1.1	292	1.1
-146	105	1.1	284	1.0	105	1.1	285	1.0
-145	111	1.2	276	1.0	111	1.2	277	1.0
-144	116	1.3	268	0.9	116	1.3	269	0.9
-143	122	1.3	261	0.9	122	1.3	262	0.9
-142	128	1.4	252	0.9	128	1.4	253	0.9
-141	134	1.4	244	0.8	134	1.4	245	0.8
-140	141	1.5	236	0.8	141	1.5	237	0.8
-139	147	1.5	228	0.8	147	1.5	229	0.8
-138	154	1.6	220	0.8	154	1.6	221	0.8
-137	161	1.6	212	0.8	161	1.6	213	0.8
-136	168	1.6	204	0.8	168	1.6	205	0.8
-135	174	1.7	196	0.7	174	1.7	197	0.8
-134	181	1.7	188	0.7	181	1.7	189	0.7
-133	187	1.7	181	0.7	187	1.7	182	0.7
-132	193	1.7	173	0.7	193	1.7	175	0.7
-131	199	1.6	166	0.7	199	1.6	167	0.7
-130	204	1.6	159	0.7	204	1.6	161	0.7
-129	209	1.5	153	0.7	209	1.5	154	0.7
-128	213	1.5	146	0.7	213	1.5	147	0.7
-127	217	1.4	140	0.7	217	1.4	141	0.7
-126	220	1.3	134	0.7	220	1.3	135	0.7
-125	222	1.2	128	0.6	222	1.2	130	0.6
-124	224	1.2	123	0.6	224	1.2	124	0.6
-123	225	1.1	118	0.6	225	1.1	119	0.6

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
-122	226	1.0	113	0.6	226	1.0	114	0.6
-121	226	1.0	108	0.6	226	1.0	109	0.6
-120	225	1.0	103	0.6	225	0.9	104	0.6
-119	224	1.0	99	0.5	224	1.0	100	0.5
-118	222	1.0	95	0.5	222	1.0	96	0.5
-117	219	1.0	91	0.5	219	1.0	92	0.5
-116	216	1.1	87	0.5	216	1.1	88	0.5
-115	212	1.1	83	0.5	212	1.1	84	0.5
-114	208	1.2	80	0.5	208	1.2	81	0.5
-113	203	1.3	77	0.4	203	1.3	78	0.4
-112	198	1.3	74	0.4	198	1.3	75	0.4
-111	192	1.4	71	0.4	192	1.4	72	0.4
-110	186	1.4	68	0.4	186	1.4	69	0.4
-109	180	1.4	65	0.4	180	1.4	66	0.4
-108	173	1.4	63	0.4	173	1.4	64	0.4
-107	166	1.4	60	0.4	166	1.4	61	0.4
-106	159	1.4	58	0.3	159	1.4	59	0.4
-105	153	1.4	56	0.3	153	1.4	57	0.3
-104	146	1.4	54	0.3	146	1.4	55	0.3
-103	139	1.4	52	0.3	139	1.4	53	0.3
-102	132	1.3	50	0.3	132	1.3	51	0.3
-101	126	1.3	48	0.3	126	1.3	49	0.3
-100	120	1.2	47	0.3	120	1.2	48	0.3
-99	114	1.2	45	0.3	114	1.2	46	0.3
-98	108	1.1	44	0.3	108	1.1	45	0.3
-97	103	1.1	42	0.3	103	1.1	43	0.3
-96	98	1.0	41	0.2	98	1.0	42	0.2
-95	93	1.0	40	0.2	93	1.0	40	0.2
-94	88	0.9	38	0.2	88	0.9	39	0.2
-93	84	0.9	37	0.2	84	0.9	38	0.2
-92	80	0.8	36	0.2	80	0.8	37	0.2
-91	76	0.8	35	0.2	76	0.8	36	0.2
-90	73	0.7	34	0.2	73	0.8	35	0.2
-89	69	0.7	33	0.2	69	0.7	34	0.2
-88	66	0.7	32	0.2	66	0.7	33	0.2
-87	63	0.6	31	0.2	63	0.6	32	0.2
-86	61	0.6	31	0.2	61	0.6	31	0.2
-85	58	0.6	30	0.2	58	0.6	30	0.2
-84	56	0.6	29	0.2	56	0.6	30	0.2
-83	54	0.5	28	0.2	54	0.5	29	0.2
-82	51	0.5	28	0.1	51	0.5	28	0.2
-81	49	0.5	27	0.1	49	0.5	27	0.1

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
-80	48	0.5	26	0.1	48	0.5	27	0.1
-79	46	0.4	26	0.1	46	0.4	26	0.1
-78	44	0.4	25	0.1	44	0.4	26	0.1
-77	43	0.4	24	0.1	43	0.4	25	0.1
-76	41	0.4	24	0.1	41	0.4	24	0.1
-75	40	0.4	23	0.1	40	0.4	24	0.1
-74	38	0.4	23	0.1	38	0.4	23	0.1
-73	37	0.3	22	0.1	37	0.3	23	0.1
-72	36	0.3	22	0.1	36	0.3	22	0.1
-71	35	0.3	21	0.1	35	0.3	22	0.1
-70	34	0.3	21	0.1	34	0.3	21	0.1
-69	33	0.3	20	0.1	33	0.3	21	0.1
-68	32	0.3	20	0.1	32	0.3	20	0.1
-67	31	0.3	20	0.1	31	0.3	20	0.1
-66	30	0.3	19	0.1	30	0.3	19	0.1
-65	29	0.3	19	0.1	29	0.3	19	0.1
-64	28	0.2	18	0.1	28	0.2	19	0.1
-63	27	0.2	18	0.1	27	0.2	18	0.1
-62	27	0.2	18	0.1	27	0.2	18	0.1
-61	26	0.2	17	0.1	26	0.2	18	0.1
-60	25	0.2	17	0.1	25	0.2	17	0.1
-59	25	0.2	17	0.1	25	0.2	17	0.1
-58	24	0.2	16	0.1	24	0.2	17	0.1
-57	23	0.2	16	0.1	23	0.2	16	0.1
-56	23	0.2	16	0.1	23	0.2	16	0.1
-55	22	0.2	15	0.1	22	0.2	16	0.1
-54	22	0.2	15	0.1	22	0.2	15	0.1
-53	21	0.2	15	0.1	21	0.2	15	0.1
-52	21	0.2	14	0.1	21	0.2	15	0.1
-51	20	0.2	14	0.1	20	0.2	15	0.1
-50	20	0.2	14	0.1	20	0.2	14	0.1
-49	19	0.2	14	0.1	19	0.2	14	0.1
-48	19	0.2	13	0.1	19	0.2	14	0.1
-47	19	0.2	13	0.1	19	0.2	13	0.1
-46	18	0.1	13	0.1	18	0.1	13	0.1
-45	18	0.1	13	0.1	18	0.1	13	0.1
-44	17	0.1	12	<0.1	17	0.1	13	0.1
-43	17	0.1	12	<0.1	17	0.1	13	0.1
-42	17	0.1	12	<0.1	17	0.1	12	0.1
-41	16	0.1	12	<0.1	16	0.1	12	0.1
-40	16	0.1	12	<0.1	16	0.1	12	0.1
-39	16	0.1	11	<0.1	16	0.1	12	<0.1

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
-38	15	0.1	11	<0.1	15	0.1	12	<0.1
-37	15	0.1	11	<0.1	15	0.1	11	<0.1
-36	15	0.1	11	<0.1	15	0.1	11	<0.1
-35	14	0.1	11	<0.1	14	0.1	11	<0.1
-34	14	0.1	11	<0.1	14	0.1	11	<0.1
-33	14	0.1	10	<0.1	14	0.1	11	<0.1
-32	14	0.1	10	<0.1	14	0.1	11	<0.1
-31	13	0.1	10	<0.1	13	0.1	10	<0.1
-30	13	0.1	9.9	<0.1	13	0.1	10	<0.1
-29	13	0.1	9.7	<0.1	13	0.1	10	<0.1
-28	13	0.1	9.6	<0.1	13	0.1	10.0	<0.1
-27	12	0.1	9.4	<0.1	12	0.1	9.8	<0.1
-26	12	0.1	9.3	<0.1	12	0.1	9.7	<0.1
-25	12	0.1	9.1	<0.1	12	0.1	9.6	<0.1
-24	12	0.1	9.0	<0.1	12	0.1	9.4	<0.1
-23	11	0.1	8.9	<0.1	11	0.1	9.3	<0.1
-22	11	0.1	8.7	<0.1	11	0.1	9.2	<0.1
-21	11	0.1	8.6	<0.1	11	0.1	9.1	<0.1
-20	11	0.1	8.5	<0.1	11	0.1	9.0	<0.1
-19	11	0.1	8.4	<0.1	11	0.1	8.9	<0.1
-18	10	0.1	8.2	<0.1	10	0.1	8.8	<0.1
-17	10	0.1	8.1	<0.1	10	0.1	8.7	<0.1
-16	10	0.1	8.0	<0.1	10	0.1	8.6	<0.1
-15	9.9	0.1	7.9	<0.1	9.9	0.1	8.5	<0.1
-14	9.8	0.1	7.8	<0.1	9.8	0.1	8.4	<0.1
-13	9.6	0.1	7.7	<0.1	9.6	0.1	8.3	<0.1
-12	9.4	0.1	7.6	<0.1	9.4	0.1	8.2	<0.1
-11	9.3	0.1	7.5	<0.1	9.3	0.1	8.1	<0.1
-10	9.1	0.1	7.4	<0.1	9.1	0.1	8.1	<0.1
-9	9.0	0.1	7.3	<0.1	9.0	0.1	8.0	<0.1
-8	8.8	0.1	7.2	<0.1	8.8	0.1	7.9	<0.1
-7	8.7	0.1	7.1	<0.1	8.7	0.1	7.9	<0.1
-6	8.5	0.1	7.0	<0.1	8.5	0.1	7.8	<0.1
-5	8.4	0.1	7.0	<0.1	8.4	0.1	7.8	<0.1
-4	8.2	0.1	6.9	<0.1	8.2	0.1	7.7	<0.1
-3	8.1	0.1	6.8	<0.1	8.1	0.1	7.7	<0.1
-2	8.0	0.1	6.7	<0.1	8.0	0.1	7.6	<0.1
-1	7.8	0.1	6.7	<0.1	7.8	0.1	7.6	<0.1
0	7.7	0.1	6.6	<0.1	7.7	0.1	7.5	<0.1
1	7.6	0.1	6.5	<0.1	7.6	0.1	7.5	<0.1
2	7.4	0.1	6.5	<0.1	7.4	0.1	7.5	<0.1
3	7.3	0.1	6.4	<0.1	7.3	0.1	7.4	<0.1

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
4	7.2	0.1	6.3	<0.1	7.2	0.1	7.4	<0.1
5	7.1	0.1	6.3	<0.1	7.1	0.1	7.4	<0.1
6	7.0	0.1	6.2	<0.1	7.0	0.1	7.4	<0.1
7	6.9	0.1	6.2	<0.1	6.9	0.1	7.3	<0.1
8	6.8	0.1	6.1	<0.1	6.8	0.1	7.3	<0.1
9	6.7	0.1	6.1	<0.1	6.7	0.1	7.3	<0.1
10	6.6	0.1	6.0	<0.1	6.6	0.1	7.3	<0.1
11	6.5	0.1	6.0	<0.1	6.5	0.1	7.3	<0.1
12	6.4	0.1	6.0	<0.1	6.4	0.1	7.3	<0.1
13	6.4	0.1	5.9	<0.1	6.4	0.1	7.3	<0.1
14	6.3	0.1	5.9	<0.1	6.3	0.1	7.3	<0.1
15	6.3	0.1	5.9	<0.1	6.3	0.1	7.3	<0.1
16	6.2	0.1	5.8	<0.1	6.2	0.1	7.3	<0.1
17	6.2	0.1	5.8	<0.1	6.2	0.1	7.3	<0.1
18	6.2	0.1	5.8	<0.1	6.2	0.1	7.4	<0.1
19	6.2	0.1	5.7	<0.1	6.2	0.1	7.4	<0.1
20	6.2	0.1	5.7	<0.1	6.2	0.1	7.4	<0.1
21	6.2	0.1	5.7	<0.1	6.2	0.1	7.4	<0.1
22	6.3	0.1	5.7	<0.1	6.3	0.1	7.4	<0.1
23	6.3	0.1	5.7	<0.1	6.3	0.1	7.5	<0.1
24	6.4	0.1	5.7	<0.1	6.4	0.1	7.5	<0.1
25	6.4	0.1	5.7	<0.1	6.4	0.1	7.5	<0.1
26	6.5	0.1	5.7	<0.1	6.5	0.1	7.6	<0.1
27	6.6	0.1	5.7	<0.1	6.6	0.1	7.6	<0.1
28	6.7	0.1	5.7	<0.1	6.7	0.1	7.6	<0.1
29	6.8	0.1	5.7	<0.1	6.8	0.1	7.7	<0.1
30	6.9	0.1	5.7	<0.1	6.9	0.1	7.7	<0.1
31	7.0	0.1	5.7	<0.1	7.0	0.1	7.8	<0.1
32	7.1	0.1	5.7	<0.1	7.1	0.1	7.8	<0.1
33	7.2	0.1	5.7	<0.1	7.2	0.1	7.9	<0.1
34	7.3	0.1	5.7	<0.1	7.3	0.1	7.9	<0.1
35	7.4	0.1	5.7	<0.1	7.4	0.1	8.0	<0.1
36	7.6	0.1	5.7	<0.1	7.6	0.1	8.0	<0.1
37	7.7	0.1	5.7	<0.1	7.7	0.1	8.1	<0.1
38	7.8	0.1	5.8	<0.1	7.8	0.1	8.2	<0.1
39	8.0	0.1	5.8	<0.1	8.0	0.1	8.2	<0.1
40	8.1	0.1	5.8	<0.1	8.1	0.1	8.3	<0.1
41	8.3	0.1	5.8	<0.1	8.3	0.1	8.4	<0.1
42	8.5	0.1	5.9	<0.1	8.5	0.1	8.4	<0.1
43	8.6	0.1	5.9	<0.1	8.6	0.1	8.5	<0.1
44	8.8	0.1	5.9	<0.1	8.8	0.1	8.6	<0.1
45	9.0	0.1	6.0	<0.1	9.0	0.1	8.7	<0.1

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
46	9.2	0.1	6.0	<0.1	9.2	0.1	8.8	<0.1
47	9.4	0.1	6.0	<0.1	9.4	0.1	8.8	<0.1
48	9.6	0.1	6.1	<0.1	9.6	0.1	8.9	<0.1
49	9.8	0.1	6.1	<0.1	9.8	0.1	9.0	<0.1
50	10.0	0.1	6.2	<0.1	10.0	0.1	9.1	<0.1
51	10	0.1	6.2	<0.1	10	0.1	9.2	<0.1
52	10	0.1	6.3	<0.1	10	0.1	9.3	<0.1
53	11	0.1	6.3	<0.1	11	0.1	9.4	<0.1
54	11	0.1	6.4	<0.1	11	0.1	9.5	<0.1
55	11	0.1	6.4	<0.1	11	0.1	9.6	<0.1
56	11	0.1	6.5	<0.1	11	0.1	9.7	<0.1
57	12	0.1	6.6	<0.1	12	0.1	9.8	<0.1
58	12	0.1	6.6	<0.1	12	0.1	10.0	<0.1
59	12	0.1	6.7	<0.1	12	0.1	10	<0.1
60	13	0.1	6.8	<0.1	13	0.1	10	<0.1
61	13	0.1	6.8	<0.1	13	0.1	10	<0.1
62	13	0.1	6.9	<0.1	13	0.1	10	<0.1
63	13	0.1	7.0	<0.1	13	0.1	11	<0.1
64	14	0.1	7.1	<0.1	14	0.1	11	<0.1
65	14	0.1	7.1	<0.1	14	0.1	11	<0.1
66	14	0.1	7.2	<0.1	14	0.1	11	<0.1
67	15	0.1	7.3	<0.1	15	0.1	11	<0.1
68	15	0.1	7.4	<0.1	15	0.1	11	<0.1
69	16	0.1	7.5	<0.1	16	0.1	11	0.1
70	16	0.1	7.6	<0.1	16	0.1	12	0.1
71	16	0.1	7.6	<0.1	16	0.1	12	0.1
72	17	0.1	7.7	<0.1	17	0.1	12	0.1
73	17	0.1	7.8	<0.1	17	0.1	12	0.1
74	18	0.1	7.9	<0.1	18	0.1	12	0.1
75	18	0.1	8.0	<0.1	18	0.1	12	0.1
76	19	0.1	8.1	<0.1	19	0.1	13	0.1
77	19	0.1	8.2	<0.1	19	0.1	13	0.1
78	20	0.1	8.3	<0.1	20	0.1	13	0.1
79	20	0.1	8.4	<0.1	20	0.1	13	0.1
80	21	0.2	8.6	<0.1	21	0.1	13	0.1
81	22	0.2	8.7	<0.1	22	0.2	14	0.1
82	22	0.2	8.8	<0.1	22	0.2	14	0.1
83	23	0.2	8.9	<0.1	23	0.2	14	0.1
84	24	0.2	9.0	<0.1	24	0.2	14	0.1
85	24	0.2	9.2	<0.1	24	0.2	15	0.1
86	25	0.2	9.3	<0.1	25	0.2	15	0.1
87	26	0.2	9.4	<0.1	26	0.2	15	0.1

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
88	27	0.2	9.5	<0.1	27	0.2	15	0.1
89	28	0.2	9.7	<0.1	28	0.2	16	0.1
90	28	0.2	9.8	<0.1	28	0.2	16	0.1
91	29	0.2	9.9	<0.1	29	0.2	16	0.1
92	30	0.2	10	<0.1	30	0.2	16	0.1
93	31	0.2	10	<0.1	31	0.2	17	0.1
94	32	0.2	10	<0.1	32	0.2	17	0.1
95	33	0.3	11	<0.1	33	0.3	17	0.1
96	35	0.3	11	<0.1	35	0.3	18	0.1
97	36	0.3	11	<0.1	36	0.3	18	0.1
98	37	0.3	11	<0.1	37	0.3	18	0.1
99	38	0.3	11	<0.1	38	0.3	19	0.1
100	40	0.3	11	<0.1	40	0.3	19	0.1
101	41	0.3	12	<0.1	41	0.3	19	0.1
102	43	0.3	12	<0.1	43	0.3	20	0.1
103	44	0.4	12	<0.1	44	0.4	20	0.1
104	46	0.4	12	<0.1	46	0.4	20	0.1
105	48	0.4	12	<0.1	48	0.4	21	0.1
106	50	0.4	12	<0.1	50	0.4	21	0.1
107	52	0.4	13	<0.1	52	0.4	22	0.1
108	54	0.5	13	<0.1	54	0.5	22	0.1
109	56	0.5	13	<0.1	56	0.5	23	0.1
110	58	0.5	13	<0.1	58	0.5	23	0.1
111	61	0.5	13	<0.1	61	0.5	24	0.1
112	63	0.6	14	<0.1	63	0.6	24	0.1
113	66	0.6	14	<0.1	66	0.6	25	0.1
114	69	0.6	14	<0.1	69	0.6	25	0.1
115	72	0.7	14	<0.1	72	0.6	26	0.1
116	75	0.7	15	<0.1	75	0.7	27	0.2
117	79	0.7	15	<0.1	79	0.7	27	0.2
118	82	0.8	15	<0.1	82	0.8	28	0.2
119	86	0.8	15	<0.1	86	0.8	29	0.2
120	90	0.8	16	<0.1	90	0.8	30	0.2
121	94	0.9	16	<0.1	94	0.9	30	0.2
122	99	0.9	16	<0.1	99	0.9	31	0.2
123	103	1.0	16	<0.1	103	1.0	32	0.2
124	109	1.0	17	<0.1	109	1.0	33	0.2
125	114	1.1	17	<0.1	114	1.1	34	0.2
126	119	1.1	17	<0.1	119	1.1	35	0.2
127	125	1.2	18	<0.1	125	1.2	36	0.2
128	131	1.2	18	<0.1	131	1.2	37	0.2
129	138	1.3	18	<0.1	138	1.3	38	0.2

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
130	145	1.4	19	<0.1	145	1.4	39	0.2
131	152	1.4	19	<0.1	152	1.4	40	0.2
132	159	1.5	19	<0.1	159	1.5	42	0.2
133	166	1.5	20	<0.1	166	1.5	43	0.3
134	174	1.5	20	<0.1	174	1.5	44	0.3
135	182	1.6	20	<0.1	182	1.6	46	0.3
136	189	1.6	21	<0.1	189	1.6	47	0.3
137	197	1.6	21	<0.1	197	1.6	49	0.3
138	205	1.6	21	<0.1	205	1.6	50	0.3
139	212	1.6	22	<0.1	212	1.6	52	0.3
140	220	1.6	22	<0.1	220	1.6	54	0.3
141	227	1.6	23	<0.1	227	1.6	55	0.3
142	233	1.6	23	<0.1	233	1.6	57	0.3
143	239	1.5	24	0.1	239	1.5	59	0.4
144	245	1.4	24	0.1	245	1.5	61	0.4
145	250	1.4	25	0.1	250	1.4	64	0.4
146	254	1.3	25	0.1	254	1.3	66	0.4
147	258	1.2	26	0.1	258	1.2	68	0.4
148	261	1.1	26	0.1	261	1.2	71	0.4
149	263	1.1	27	0.1	263	1.1	73	0.4
150	265	1.0	27	0.1	265	1.0	76	0.5
151	267	0.9	28	0.1	267	0.9	79	0.5
152	268	0.9	28	0.1	268	0.9	82	0.5
153	268	0.8	29	0.1	268	0.9	85	0.5
154	269	0.8	29	0.1	269	0.8	88	0.5
155	268	0.8	30	0.1	268	0.8	91	0.5
156	268	0.8	31	0.1	268	0.9	95	0.5
157	267	0.9	31	0.1	267	0.9	98	0.6
158	266	0.9	32	0.1	266	0.9	102	0.6
159	264	1.0	33	0.1	264	1.0	106	0.6
160	262	1.1	34	0.1	262	1.1	110	0.6
161	259	1.2	34	0.1	259	1.2	114	0.6
162	256	1.2	35	0.1	256	1.2	118	0.6
163	252	1.3	36	0.1	252	1.3	123	0.6
164	247	1.4	37	0.1	247	1.4	127	0.7
165	242	1.5	38	0.1	242	1.5	132	0.7
166	236	1.5	38	0.1	236	1.5	137	0.7
167	230	1.6	39	0.1	230	1.6	142	0.7
168	223	1.6	40	0.1	223	1.6	147	0.7
169	216	1.6	41	0.1	216	1.6	152	0.7
170	209	1.6	42	0.1	209	1.6	157	0.7
171	202	1.6	43	0.1	202	1.6	162	0.7

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
172	194	1.6	44	0.1	194	1.6	168	0.8
173	186	1.6	46	<0.1	186	1.6	173	0.8
174	178	1.6	47	<0.1	178	1.6	178	0.8
175	171	1.5	48	<0.1	171	1.5	183	0.8
176	163	1.5	49	<0.1	163	1.5	188	0.8
177	156	1.4	50	<0.1	156	1.4	193	0.9
178	149	1.4	52	<0.1	149	1.4	198	0.9
179	142	1.3	53	<0.1	142	1.3	202	1.0
180	135	1.3	54	<0.1	135	1.3	206	1.0
181	129	1.2	56	<0.1	129	1.2	210	1.0
182	123	1.2	57	<0.1	123	1.2	214	1.1
183	117	1.1	59	<0.1	117	1.1	217	1.1
184	111	1.1	61	<0.1	111	1.1	219	1.2
185	106	1.0	62	<0.1	106	1.0	221	1.2
186	101	1.0	64	<0.1	101	1.0	223	1.3
187	97	0.9	66	<0.1	97	0.9	224	1.3
188	92	0.9	68	<0.1	92	0.9	224	1.3
189	88	0.8	70	<0.1	88	0.8	224	1.4
190	84	0.8	72	<0.1	84	0.8	223	1.4
191	80	0.7	74	<0.1	80	0.7	221	1.4
192	77	0.7	76	<0.1	77	0.7	219	1.4
193	73	0.7	78	<0.1	73	0.7	216	1.4
194	70	0.6	81	0.1	70	0.6	213	1.4
195	67	0.6	83	0.1	67	0.6	210	1.4
196	65	0.6	86	0.1	65	0.6	206	1.3
197	62	0.5	88	0.1	62	0.5	201	1.3
198	59	0.5	91	0.1	59	0.5	196	1.3
199	57	0.5	94	0.1	57	0.5	191	1.2
200	55	0.5	97	0.1	55	0.5	186	1.2
201	53	0.4	100	0.2	53	0.4	181	1.2
202	51	0.4	103	0.2	51	0.4	175	1.1
203	49	0.4	106	0.2	49	0.4	170	1.1
204	47	0.4	110	0.2	47	0.4	164	1.0
205	45	0.4	114	0.2	45	0.4	159	1.0
206	44	0.3	117	0.3	44	0.3	154	0.9
207	42	0.3	121	0.3	42	0.3	148	0.9
208	41	0.3	125	0.3	41	0.3	143	0.8
209	39	0.3	129	0.3	39	0.3	138	0.8
210	38	0.3	133	0.4	38	0.3	133	0.7
211	37	0.3	138	0.4	37	0.3	128	0.7
212	35	0.3	142	0.5	35	0.3	123	0.7
213	34	0.3	147	0.5	34	0.2	119	0.6

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
214	33	0.2	152	0.5	33	0.2	115	0.6
215	32	0.2	157	0.6	32	0.2	110	0.6
216	31	0.2	162	0.6	31	0.2	106	0.5
217	30	0.2	167	0.7	30	0.2	102	0.5
218	29	0.2	172	0.7	29	0.2	99	0.5
219	28	0.2	178	0.8	28	0.2	95	0.4
220	27	0.2	183	0.8	27	0.2	92	0.4
221	27	0.2	188	0.9	27	0.2	88	0.4
222	26	0.2	194	1.0	26	0.2	85	0.4
223	25	0.2	199	1.0	25	0.2	82	0.4
224	24	0.2	204	1.1	24	0.2	79	0.3
225	24	0.2	210	1.1	24	0.2	76	0.3
226	23	0.1	215	1.2	23	0.1	74	0.3
227	22	0.1	220	1.3	22	0.1	71	0.3
228	22	0.1	224	1.3	22	0.1	69	0.3
229	21	0.1	228	1.4	21	0.1	66	0.3
230	21	0.1	232	1.4	21	0.1	64	0.3
231	20	0.1	236	1.5	20	0.1	62	0.3
232	19	0.1	239	1.5	19	0.1	60	0.2
233	19	0.1	241	1.5	19	0.1	58	0.2
234	18	0.1	243	1.5	18	0.1	56	0.2
235	18	0.1	244	1.6	18	0.1	54	0.2
236	18	0.1	244	1.6	18	0.1	53	0.2
237	17	0.1	244	1.6	17	0.1	51	0.2
238	17	0.1	244	1.6	17	0.1	49	0.2
239	16	0.1	242	1.5	16	0.1	48	0.2
240	16	0.1	240	1.5	16	0.1	46	0.2
241	16	0.1	238	1.5	16	0.1	45	0.2
242	15	0.1	234	1.5	15	0.1	44	0.2
243	15	0.1	231	1.4	15	0.1	42	0.2
244	14	0.1	227	1.4	14	0.1	41	0.2
245	14	0.1	222	1.3	14	0.1	40	0.2
246	14	0.1	218	1.2	14	0.1	39	0.2
247	13	0.1	213	1.2	13	0.1	38	0.1
248	13	0.1	208	1.1	13	0.1	37	0.1
249	13	0.1	202	1.1	13	0.1	35	0.1
250	13	0.1	197	1.0	13	0.1	34	0.1
251	12	0.1	191	0.9	12	0.1	34	0.1
252	12	0.1	186	0.9	12	0.1	33	0.1
253	12	0.1	181	0.8	12	0.1	32	0.1
254	12	0.1	175	0.8	12	0.1	31	0.1
255	11	0.1	170	0.7	11	0.1	30	0.1

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
256	11	0.1	164	0.7	11	0.1	29	0.1
257	11	0.1	159	0.6	11	0.1	29	0.1
258	11	0.1	154	0.6	11	0.1	28	0.1
259	10	0.1	149	0.5	10	<0.1	27	0.1
260	10	<0.1	144	0.5	10	<0.1	26	0.1
261	10.0	<0.1	140	0.4	10.0	<0.1	26	0.1
262	9.8	<0.1	135	0.4	9.8	<0.1	25	0.1
263	9.6	<0.1	131	0.4	9.6	<0.1	25	0.1
264	9.4	<0.1	127	0.3	9.4	<0.1	24	0.1
265	9.2	<0.1	123	0.3	9.2	<0.1	23	0.1
266	9.0	<0.1	119	0.3	9.0	<0.1	23	0.1
267	8.9	<0.1	115	0.3	8.9	<0.1	22	0.1
268	8.7	<0.1	111	0.2	8.7	<0.1	22	0.1
269	8.5	<0.1	108	0.2	8.5	<0.1	21	0.1
270	8.4	<0.1	104	0.2	8.4	<0.1	21	0.1
271	8.2	<0.1	101	0.2	8.2	<0.1	20	0.1
272	8.0	<0.1	98	0.1	8.0	<0.1	20	0.1
273	7.9	<0.1	95	0.1	7.9	<0.1	19	0.1
274	7.8	<0.1	92	0.1	7.8	<0.1	19	0.1
275	7.6	<0.1	89	0.1	7.6	<0.1	19	0.1
276	7.5	<0.1	86	0.1	7.5	<0.1	18	0.1
277	7.3	<0.1	84	0.1	7.3	<0.1	18	0.1
278	7.2	<0.1	81	0.1	7.2	<0.1	17	0.1
279	7.1	<0.1	79	0.1	7.1	<0.1	17	0.1
280	7.0	<0.1	76	<0.1	7.0	<0.1	17	0.1
281	6.8	<0.1	74	<0.1	6.8	<0.1	16	0.1
282	6.7	<0.1	72	<0.1	6.7	<0.1	16	0.1
283	6.6	<0.1	70	<0.1	6.6	<0.1	16	0.1
284	6.5	<0.1	68	<0.1	6.5	<0.1	15	0.1
285	6.4	<0.1	66	<0.1	6.4	<0.1	15	0.1
286	6.3	<0.1	64	<0.1	6.3	<0.1	15	0.1
287	6.2	<0.1	62	<0.1	6.2	<0.1	14	0.1
288	6.1	<0.1	61	<0.1	6.1	<0.1	14	0.1
289	6.0	<0.1	59	<0.1	6.0	<0.1	14	0.1
290	5.9	<0.1	57	<0.1	5.9	<0.1	14	0.1
291	5.8	<0.1	56	<0.1	5.8	<0.1	13	0.1
292	5.7	<0.1	54	<0.1	5.7	<0.1	13	0.1
293	5.6	<0.1	53	<0.1	5.6	<0.1	13	0.1
294	5.5	<0.1	51	<0.1	5.5	<0.1	13	0.1
295	5.4	<0.1	50	<0.1	5.4	<0.1	12	0.1
296	5.3	<0.1	49	<0.1	5.3	<0.1	12	0.1
297	5.2	<0.1	48	<0.1	5.2	<0.1	12	0.1

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
298	5.1	<0.1	46	<0.1	5.1	<0.1	12	0.1
299	5.1	<0.1	45	<0.1	5.1	<0.1	12	<0.1
300	5.0	<0.1	44	0.1	5.0	<0.1	11	<0.1
301	4.9	<0.1	43	0.1	4.9	<0.1	11	<0.1
302	4.8	<0.1	42	0.1	4.8	<0.1	11	<0.1
303	4.8	<0.1	41	0.1	4.8	<0.1	11	<0.1
304	4.7	<0.1	40	0.1	4.7	<0.1	11	<0.1
305	4.6	<0.1	39	0.1	4.6	<0.1	10	<0.1
306	4.5	<0.1	38	0.1	4.5	<0.1	10	<0.1
307	4.5	<0.1	37	0.1	4.5	<0.1	10.0	<0.1
308	4.4	<0.1	36	0.1	4.4	<0.1	9.8	<0.1
309	4.3	<0.1	36	0.1	4.3	<0.1	9.7	<0.1
310	4.3	<0.1	35	0.1	4.3	<0.1	9.5	<0.1
311	4.2	<0.1	34	0.1	4.2	<0.1	9.3	<0.1
312	4.2	<0.1	33	0.1	4.2	<0.1	9.2	<0.1
313	4.1	<0.1	32	0.1	4.1	<0.1	9.0	<0.1
314	4.0	<0.1	32	0.1	4.0	<0.1	8.9	<0.1
315	4.0	<0.1	31	0.1	4.0	<0.1	8.7	<0.1
316	3.9	<0.1	30	0.1	3.9	<0.1	8.6	<0.1
317	3.9	<0.1	30	0.1	3.9	<0.1	8.5	<0.1
318	3.8	<0.1	29	0.1	3.8	<0.1	8.3	<0.1
319	3.8	<0.1	29	0.1	3.8	<0.1	8.2	<0.1
320	3.7	<0.1	28	0.1	3.7	<0.1	8.1	<0.1
321	3.6	<0.1	27	0.1	3.6	<0.1	8.0	<0.1
322	3.6	<0.1	27	0.1	3.6	<0.1	7.8	<0.1
323	3.5	<0.1	26	0.1	3.5	<0.1	7.7	<0.1
324	3.5	<0.1	26	0.1	3.5	<0.1	7.6	<0.1
325	3.4	<0.1	25	0.1	3.4	<0.1	7.5	<0.1
326	3.4	<0.1	25	0.1	3.4	<0.1	7.4	<0.1
327	3.4	<0.1	24	0.1	3.4	<0.1	7.3	<0.1
328	3.3	<0.1	24	0.1	3.3	<0.1	7.2	<0.1
329	3.3	<0.1	23	0.1	3.3	<0.1	7.0	<0.1
330	3.2	<0.1	23	0.1	3.2	<0.1	6.9	<0.1
331	3.2	<0.1	22	0.1	3.2	<0.1	6.8	<0.1
332	3.1	<0.1	22	0.1	3.1	<0.1	6.7	<0.1
333	3.1	<0.1	22	0.1	3.1	<0.1	6.6	<0.1
334	3.1	<0.1	21	0.1	3.1	<0.1	6.6	<0.1
335	3.0	<0.1	21	0.1	3.0	<0.1	6.5	<0.1
336	3.0	<0.1	20	<0.1	3.0	<0.1	6.4	<0.1
337	2.9	<0.1	20	<0.1	2.9	<0.1	6.3	<0.1
338	2.9	<0.1	20	<0.1	2.9	<0.1	6.2	<0.1
339	2.9	<0.1	19	<0.1	2.9	<0.1	6.1	<0.1

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
340	2.8	<0.1	19	<0.1	2.8	<0.1	6.0	<0.1
341	2.8	<0.1	19	<0.1	2.8	<0.1	5.9	<0.1
342	2.7	<0.1	18	<0.1	2.7	<0.1	5.9	<0.1
343	2.7	<0.1	18	<0.1	2.7	<0.1	5.8	<0.1
344	2.7	<0.1	18	<0.1	2.7	<0.1	5.7	<0.1
345	2.6	<0.1	17	<0.1	2.6	<0.1	5.6	<0.1
346	2.6	<0.1	17	<0.1	2.6	<0.1	5.6	<0.1
347	2.6	<0.1	17	<0.1	2.6	<0.1	5.5	<0.1
348	2.5	<0.1	17	<0.1	2.5	<0.1	5.4	<0.1
349	2.5	<0.1	16	<0.1	2.5	<0.1	5.3	<0.1
350	2.5	<0.1	16	<0.1	2.5	<0.1	5.3	<0.1
351	2.5	<0.1	16	<0.1	2.5	<0.1	5.2	<0.1
352	2.4	<0.1	15	<0.1	2.4	<0.1	5.1	<0.1
353	2.4	<0.1	15	<0.1	2.4	<0.1	5.1	<0.1
354	2.4	<0.1	15	<0.1	2.4	<0.1	5.0	<0.1
355	2.3	<0.1	15	<0.1	2.3	<0.1	5.0	<0.1
356	2.3	<0.1	14	<0.1	2.3	<0.1	4.9	<0.1
357	2.3	<0.1	14	<0.1	2.3	<0.1	4.8	<0.1
358	2.3	<0.1	14	<0.1	2.3	<0.1	4.8	<0.1
359	2.2	<0.1	14	<0.1	2.2	<0.1	4.7	<0.1
360	2.2	<0.1	14	<0.1	2.2	<0.1	4.7	<0.1
361	2.2	<0.1	13	<0.1	2.2	<0.1	4.6	<0.1
362	2.1	<0.1	13	<0.1	2.1	<0.1	4.6	<0.1
363	2.1	<0.1	13	<0.1	2.1	<0.1	4.5	<0.1
364	2.1	<0.1	13	<0.1	2.1	<0.1	4.4	<0.1
365	2.1	<0.1	13	<0.1	2.1	<0.1	4.4	<0.1
366	2.0	<0.1	12	<0.1	2.0	<0.1	4.3	<0.1
367	2.0	<0.1	12	<0.1	2.0	<0.1	4.3	<0.1
368	2.0	<0.1	12	<0.1	2.0	<0.1	4.3	<0.1
369	2.0	<0.1	12	<0.1	2.0	<0.1	4.2	<0.1
370	2.0	<0.1	12	<0.1	2.0	<0.1	4.2	<0.1
371	1.9	<0.1	12	<0.1	1.9	<0.1	4.1	<0.1
372	1.9	<0.1	11	<0.1	1.9	<0.1	4.1	<0.1
373	1.9	<0.1	11	<0.1	1.9	<0.1	4.0	<0.1
374	1.9	<0.1	11	<0.1	1.9	<0.1	4.0	<0.1
375	1.8	<0.1	11	<0.1	1.8	<0.1	3.9	<0.1
376	1.8	<0.1	11	<0.1	1.8	<0.1	3.9	<0.1
377	1.8	<0.1	11	<0.1	1.8	<0.1	3.9	<0.1
378	1.8	<0.1	10	<0.1	1.8	<0.1	3.8	<0.1
379	1.8	<0.1	10	<0.1	1.8	<0.1	3.8	<0.1
380	1.7	<0.1	10	<0.1	1.7	<0.1	3.7	<0.1
381	1.7	<0.1	10	<0.1	1.7	<0.1	3.7	<0.1

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
382	1.7	<0.1	9.9	<0.1	1.7	<0.1	3.7	<0.1
383	1.7	<0.1	9.8	<0.1	1.7	<0.1	3.6	<0.1
384	1.7	<0.1	9.6	<0.1	1.7	<0.1	3.6	<0.1
385	1.6	<0.1	9.5	<0.1	1.6	<0.1	3.6	<0.1
386	1.6	<0.1	9.4	<0.1	1.6	<0.1	3.5	<0.1
387	1.6	<0.1	9.2	<0.1	1.6	<0.1	3.5	<0.1
388	1.6	<0.1	9.1	<0.1	1.6	<0.1	3.5	<0.1
389	1.6	<0.1	9.0	<0.1	1.6	<0.1	3.4	<0.1
390	1.6	<0.1	8.9	<0.1	1.6	<0.1	3.4	<0.1
391	1.5	<0.1	8.8	<0.1	1.5	<0.1	3.4	<0.1
392	1.5	<0.1	8.7	<0.1	1.5	<0.1	3.3	<0.1
393	1.5	<0.1	8.6	<0.1	1.5	<0.1	3.3	<0.1
394	1.5	<0.1	8.4	<0.1	1.5	<0.1	3.3	<0.1
395	1.5	<0.1	8.3	<0.1	1.5	<0.1	3.3	<0.1
396	1.5	<0.1	8.2	<0.1	1.5	<0.1	3.2	<0.1
397	1.4	<0.1	8.1	<0.1	1.4	<0.1	3.2	<0.1
398	1.4	<0.1	8.0	<0.1	1.4	<0.1	3.2	<0.1
399	1.4	<0.1	7.9	<0.1	1.4	<0.1	3.1	<0.1
400	1.4	<0.1	7.8	<0.1	1.4	<0.1	3.1	<0.1
401	1.4	<0.1	7.7	<0.1	1.4	<0.1	3.1	<0.1
402	1.4	<0.1	7.7	<0.1	1.4	<0.1	3.1	<0.1
403	1.4	<0.1	7.6	<0.1	1.4	<0.1	3.0	<0.1
404	1.3	<0.1	7.5	<0.1	1.3	<0.1	3.0	<0.1
405	1.3	<0.1	7.4	<0.1	1.3	<0.1	3.0	<0.1
406	1.3	<0.1	7.3	<0.1	1.3	<0.1	3.0	<0.1
407	1.3	<0.1	7.2	<0.1	1.3	<0.1	2.9	<0.1
408	1.3	<0.1	7.1	<0.1	1.3	<0.1	2.9	<0.1
409	1.3	<0.1	7.0	<0.1	1.3	<0.1	2.9	<0.1
410	1.3	<0.1	7.0	<0.1	1.3	<0.1	2.9	<0.1
411	1.3	<0.1	6.9	<0.1	1.3	<0.1	2.8	<0.1
412	1.2	<0.1	6.8	<0.1	1.2	<0.1	2.8	<0.1
413	1.2	<0.1	6.7	<0.1	1.2	<0.1	2.8	<0.1
414	1.2	<0.1	6.6	<0.1	1.2	<0.1	2.8	<0.1
415	1.2	<0.1	6.6	<0.1	1.2	<0.1	2.8	<0.1
416	1.2	<0.1	6.5	<0.1	1.2	<0.1	2.7	<0.1
417	1.2	<0.1	6.4	<0.1	1.2	<0.1	2.7	<0.1
418	1.2	<0.1	6.4	<0.1	1.2	<0.1	2.7	<0.1
419	1.2	<0.1	6.3	<0.1	1.2	<0.1	2.7	<0.1
420	1.1	<0.1	6.2	<0.1	1.1	<0.1	2.6	<0.1
421	1.1	<0.1	6.1	<0.1	1.1	<0.1	2.6	<0.1
422	1.1	<0.1	6.1	<0.1	1.1	<0.1	2.6	<0.1
423	1.1	<0.1	6.0	<0.1	1.1	<0.1	2.6	<0.1

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
424	1.1	<0.1	5.9	<0.1	1.1	<0.1	2.6	<0.1
425	1.1	<0.1	5.9	<0.1	1.1	<0.1	2.5	<0.1
426	1.1	<0.1	5.8	<0.1	1.1	<0.1	2.5	<0.1
427	1.1	<0.1	5.8	<0.1	1.1	<0.1	2.5	<0.1
428	1.1	<0.1	5.7	<0.1	1.1	<0.1	2.5	<0.1
429	1.0	<0.1	5.6	<0.1	1.0	<0.1	2.5	<0.1
430	1.0	<0.1	5.6	<0.1	1.0	<0.1	2.5	<0.1
431	1.0	<0.1	5.5	<0.1	1.0	<0.1	2.4	<0.1
432	1.0	<0.1	5.5	<0.1	1.0	<0.1	2.4	<0.1
433	1.0	<0.1	5.4	<0.1	1.0	<0.1	2.4	<0.1
434	1.0	<0.1	5.3	<0.1	1.0	<0.1	2.4	<0.1
435	1.0	<0.1	5.3	<0.1	1.0	<0.1	2.4	<0.1
436	1.0	<0.1	5.2	<0.1	1.0	<0.1	2.3	<0.1
437	1.0	<0.1	5.2	<0.1	1.0	<0.1	2.3	<0.1
438	1.0	<0.1	5.1	<0.1	1.0	<0.1	2.3	<0.1
439	1.0	<0.1	5.1	<0.1	1.0	<0.1	2.3	<0.1
440	0.9	<0.1	5.0	<0.1	0.9	<0.1	2.3	<0.1
441	0.9	<0.1	5.0	<0.1	0.9	<0.1	2.3	<0.1
442	0.9	<0.1	4.9	<0.1	0.9	<0.1	2.3	<0.1
443	0.9	<0.1	4.9	<0.1	0.9	<0.1	2.2	<0.1
444	0.9	<0.1	4.8	<0.1	0.9	<0.1	2.2	<0.1
445	0.9	<0.1	4.8	<0.1	0.9	<0.1	2.2	<0.1
446	0.9	<0.1	4.7	<0.1	0.9	<0.1	2.2	<0.1
447	0.9	<0.1	4.7	<0.1	0.9	<0.1	2.2	<0.1
448	0.9	<0.1	4.6	<0.1	0.9	<0.1	2.2	<0.1
449	0.9	<0.1	4.6	<0.1	0.9	<0.1	2.1	<0.1
450	0.9	<0.1	4.6	<0.1	0.9	<0.1	2.1	<0.1
451	0.9	<0.1	4.5	<0.1	0.9	<0.1	2.1	<0.1
452	0.8	<0.1	4.5	<0.1	0.8	<0.1	2.1	<0.1
453	0.8	<0.1	4.4	<0.1	0.8	<0.1	2.1	<0.1
454	0.8	<0.1	4.4	<0.1	0.8	<0.1	2.1	<0.1
455	0.8	<0.1	4.3	<0.1	0.8	<0.1	2.1	<0.1
456	0.8	<0.1	4.3	<0.1	0.8	<0.1	2.0	<0.1
457	0.8	<0.1	4.3	<0.1	0.8	<0.1	2.0	<0.1
458	0.8	<0.1	4.2	<0.1	0.8	<0.1	2.0	<0.1
459	0.8	<0.1	4.2	<0.1	0.8	<0.1	2.0	<0.1
460	0.8	<0.1	4.1	<0.1	0.8	<0.1	2.0	<0.1
461	0.8	<0.1	4.1	<0.1	0.8	<0.1	2.0	<0.1
462	0.8	<0.1	4.1	<0.1	0.8	<0.1	2.0	<0.1
463	0.8	<0.1	4.0	<0.1	0.8	<0.1	2.0	<0.1
464	0.8	<0.1	4.0	<0.1	0.8	<0.1	1.9	<0.1
465	0.8	<0.1	4.0	<0.1	0.8	<0.1	1.9	<0.1

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Table D-4 – Continued from previous page

Dist (feet)	XS-J-1 Existing Magnetic Field Maximum (mG)	XS-J-1 Existing Electric Field Resultant (kV/m)	XS-J-1 Proposed Magnetic Field Maximum (mG)	XS-J-1 Proposed Electric Field Resultant (kV/m)	XS-J-2 Existing Magnetic Field Maximum (mG)	XS-J-2 Existing Electric Field Resultant (kV/m)	XS-J-2 Proposed Magnetic Field Maximum (mG)	XS-J-2 Proposed Electric Field Resultant (kV/m)
466	0.7	<0.1	3.9	<0.1	0.7	<0.1	1.9	<0.1
467	0.7	<0.1	3.9	<0.1	0.7	<0.1	1.9	<0.1
468	0.7	<0.1	3.9	<0.1	0.7	<0.1	1.9	<0.1
469	0.7	<0.1	3.8	<0.1	0.7	<0.1	1.9	<0.1
470	0.7	<0.1	3.8	<0.1	0.7	<0.1	1.9	<0.1
471	0.7	<0.1	3.8	<0.1	0.7	<0.1	1.9	<0.1
472	0.7	<0.1	3.7	<0.1	0.7	<0.1	1.8	<0.1
473	0.7	<0.1	3.7	<0.1	0.7	<0.1	1.8	<0.1
474	0.7	<0.1	3.7	<0.1	0.7	<0.1	1.8	<0.1
475	0.7	<0.1	3.6	<0.1	0.7	<0.1	1.8	<0.1
476	0.7	<0.1	3.6	<0.1	0.7	<0.1	1.8	<0.1
477	0.7	<0.1	3.6	<0.1	0.7	<0.1	1.8	<0.1
478	0.7	<0.1	3.5	<0.1	0.7	<0.1	1.8	<0.1
479	0.7	<0.1	3.5	<0.1	0.7	<0.1	1.8	<0.1
480	0.7	<0.1	3.5	<0.1	0.7	<0.1	1.8	<0.1
481	0.7	<0.1	3.4	<0.1	0.7	<0.1	1.7	<0.1
482	0.7	<0.1	3.4	<0.1	0.7	<0.1	1.7	<0.1
483	0.6	<0.1	3.4	<0.1	0.6	<0.1	1.7	<0.1
484	0.6	<0.1	3.4	<0.1	0.6	<0.1	1.7	<0.1
485	0.6	<0.1	3.3	<0.1	0.6	<0.1	1.7	<0.1
486	0.6	<0.1	3.3	<0.1	0.6	<0.1	1.7	<0.1
487	0.6	<0.1	3.3	<0.1	0.6	<0.1	1.7	<0.1
488	0.6	<0.1	3.2	<0.1	0.6	<0.1	1.7	<0.1
489	0.6	<0.1	3.2	<0.1	0.6	<0.1	1.7	<0.1
490	0.6	<0.1	3.2	<0.1	0.6	<0.1	1.7	<0.1
491	0.6	<0.1	3.2	<0.1	0.6	<0.1	1.6	<0.1
492	0.6	<0.1	3.1	<0.1	0.6	<0.1	1.6	<0.1
493	0.6	<0.1	3.1	<0.1	0.6	<0.1	1.6	<0.1
494	0.6	<0.1	3.1	<0.1	0.6	<0.1	1.6	<0.1
495	0.6	<0.1	3.1	<0.1	0.6	<0.1	1.6	<0.1
496	0.6	<0.1	3.0	<0.1	0.6	<0.1	1.6	<0.1
497	0.6	<0.1	3.0	<0.1	0.6	<0.1	1.6	<0.1
498	0.6	<0.1	3.0	<0.1	0.6	<0.1	1.6	<0.1
499	0.6	<0.1	3.0	<0.1	0.6	<0.1	1.6	<0.1
500	0.6	<0.1	2.9	<0.1	0.6	<0.1	1.6	<0.1

Table D-5. Calculated EMF levels for XS-J-3 through XS-949-1

	XS-J-3 Existing		XS-J-3 Proposed		XS-949-1 Existing		XS-949-1 Proposed	
Dist (feet)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)	Magnetic Field Maximum (mG)	Electric Field Resultant (kV/m)
-500	3.2	<0.1	4.3	<0.1	0.8	<0.1	1.1	<0.1
-499	3.2	<0.1	4.4	<0.1	0.8	<0.1	1.1	<0.1
-498	3.2	<0.1	4.4	<0.1	0.8	<0.1	1.1	<0.1
-497	3.3	<0.1	4.4	<0.1	0.8	<0.1	1.2	<0.1
-496	3.3	<0.1	4.4	<0.1	0.8	<0.1	1.2	<0.1
-495	3.3	<0.1	4.5	<0.1	0.8	<0.1	1.2	<0.1
-494	3.3	<0.1	4.5	<0.1	0.8	<0.1	1.2	<0.1
-493	3.4	<0.1	4.5	<0.1	0.8	<0.1	1.2	<0.1
-492	3.4	<0.1	4.5	<0.1	0.8	<0.1	1.2	<0.1
-491	3.4	<0.1	4.6	<0.1	0.8	<0.1	1.2	<0.1
-490	3.4	<0.1	4.6	<0.1	0.8	<0.1	1.2	<0.1
-489	3.4	<0.1	4.6	<0.1	0.8	<0.1	1.2	<0.1
-488	3.5	<0.1	4.6	<0.1	0.8	<0.1	1.2	<0.1
-487	3.5	<0.1	4.7	<0.1	0.8	<0.1	1.2	<0.1
-486	3.5	<0.1	4.7	<0.1	0.8	<0.1	1.2	<0.1
-485	3.5	<0.1	4.7	<0.1	0.8	<0.1	1.2	<0.1
-484	3.6	<0.1	4.8	<0.1	0.9	<0.1	1.2	<0.1
-483	3.6	<0.1	4.8	<0.1	0.9	<0.1	1.2	<0.1
-482	3.6	<0.1	4.8	<0.1	0.9	<0.1	1.2	<0.1
-481	3.6	<0.1	4.8	<0.1	0.9	<0.1	1.2	<0.1
-480	3.7	<0.1	4.9	<0.1	0.9	<0.1	1.2	<0.1
-479	3.7	<0.1	4.9	<0.1	0.9	<0.1	1.2	<0.1
-478	3.7	<0.1	4.9	<0.1	0.9	<0.1	1.3	<0.1
-477	3.8	<0.1	5.0	<0.1	0.9	<0.1	1.3	<0.1
-476	3.8	<0.1	5.0	<0.1	0.9	<0.1	1.3	<0.1
-475	3.8	<0.1	5.0	<0.1	0.9	<0.1	1.3	<0.1
-474	3.8	<0.1	5.1	<0.1	0.9	<0.1	1.3	<0.1
-473	3.9	<0.1	5.1	<0.1	0.9	<0.1	1.3	<0.1
-472	3.9	<0.1	5.1	<0.1	0.9	<0.1	1.3	<0.1
-471	3.9	<0.1	5.2	<0.1	0.9	<0.1	1.3	<0.1
-470	3.9	<0.1	5.2	<0.1	0.9	<0.1	1.3	<0.1
-469	4.0	<0.1	5.2	<0.1	0.9	<0.1	1.3	<0.1
-468	4.0	<0.1	5.3	<0.1	0.9	<0.1	1.3	<0.1
-467	4.0	<0.1	5.3	<0.1	0.9	<0.1	1.3	<0.1
-466	4.1	<0.1	5.3	<0.1	0.9	<0.1	1.3	<0.1
-465	4.1	<0.1	5.4	<0.1	0.9	<0.1	1.3	<0.1
-464	4.1	<0.1	5.4	<0.1	0.9	<0.1	1.3	<0.1
-463	4.2	<0.1	5.4	<0.1	0.9	<0.1	1.3	<0.1
-462	4.2	<0.1	5.5	<0.1	0.9	<0.1	1.3	<0.1
-461	4.2	<0.1	5.5	<0.1	0.9	<0.1	1.4	<0.1
-460	4.3	<0.1	5.6	<0.1	0.9	<0.1	1.4	<0.1
-459	4.3	<0.1	5.6	<0.1	0.9	<0.1	1.4	<0.1

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
-458	4.3	<0.1	5.6	<0.1	0.9	<0.1	1.4	<0.1
-457	4.4	<0.1	5.7	<0.1	0.9	<0.1	1.4	<0.1
-456	4.4	<0.1	5.7	<0.1	0.9	<0.1	1.4	<0.1
-455	4.4	<0.1	5.7	<0.1	0.9	<0.1	1.4	<0.1
-454	4.5	<0.1	5.8	<0.1	0.9	<0.1	1.4	<0.1
-453	4.5	<0.1	5.8	<0.1	1.0	<0.1	1.4	<0.1
-452	4.5	<0.1	5.9	<0.1	1.0	<0.1	1.4	<0.1
-451	4.6	<0.1	5.9	<0.1	1.0	<0.1	1.4	<0.1
-450	4.6	<0.1	5.9	<0.1	1.0	<0.1	1.4	<0.1
-449	4.6	<0.1	6.0	<0.1	1.0	<0.1	1.4	<0.1
-448	4.7	<0.1	6.0	<0.1	1.0	<0.1	1.4	<0.1
-447	4.7	<0.1	6.1	<0.1	1.0	<0.1	1.5	<0.1
-446	4.8	<0.1	6.1	<0.1	1.0	<0.1	1.5	<0.1
-445	4.8	<0.1	6.2	<0.1	1.0	<0.1	1.5	<0.1
-444	4.8	<0.1	6.2	<0.1	1.0	<0.1	1.5	<0.1
-443	4.9	<0.1	6.3	<0.1	1.0	<0.1	1.5	<0.1
-442	4.9	<0.1	6.3	<0.1	1.0	<0.1	1.5	<0.1
-441	4.9	<0.1	6.3	<0.1	1.0	<0.1	1.5	<0.1
-440	5.0	<0.1	6.4	<0.1	1.0	<0.1	1.5	<0.1
-439	5.0	<0.1	6.4	<0.1	1.0	<0.1	1.5	<0.1
-438	5.1	<0.1	6.5	<0.1	1.0	<0.1	1.5	<0.1
-437	5.1	<0.1	6.5	<0.1	1.0	<0.1	1.5	<0.1
-436	5.2	<0.1	6.6	<0.1	1.0	<0.1	1.5	<0.1
-435	5.2	<0.1	6.6	<0.1	1.0	<0.1	1.5	<0.1
-434	5.2	<0.1	6.7	<0.1	1.0	<0.1	1.5	<0.1
-433	5.3	<0.1	6.7	<0.1	1.0	<0.1	1.6	<0.1
-432	5.3	<0.1	6.8	<0.1	1.0	<0.1	1.6	<0.1
-431	5.4	<0.1	6.8	<0.1	1.0	<0.1	1.6	<0.1
-430	5.4	<0.1	6.9	<0.1	1.0	<0.1	1.6	<0.1
-429	5.5	<0.1	6.9	<0.1	1.0	<0.1	1.6	<0.1
-428	5.5	<0.1	7.0	<0.1	1.0	<0.1	1.6	<0.1
-427	5.6	<0.1	7.0	<0.1	1.1	<0.1	1.6	<0.1
-426	5.6	<0.1	7.1	<0.1	1.1	<0.1	1.6	<0.1
-425	5.7	<0.1	7.1	<0.1	1.1	<0.1	1.6	<0.1
-424	5.7	<0.1	7.2	<0.1	1.1	<0.1	1.6	<0.1
-423	5.8	<0.1	7.3	<0.1	1.1	<0.1	1.6	<0.1
-422	5.8	<0.1	7.3	<0.1	1.1	<0.1	1.7	<0.1
-421	5.9	<0.1	7.4	<0.1	1.1	<0.1	1.7	<0.1
-420	5.9	<0.1	7.4	<0.1	1.1	<0.1	1.7	<0.1
-419	6.0	<0.1	7.5	<0.1	1.1	<0.1	1.7	<0.1
-418	6.0	<0.1	7.6	<0.1	1.1	<0.1	1.7	<0.1
-417	6.1	<0.1	7.6	<0.1	1.1	<0.1	1.7	<0.1

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
-416	6.1	<0.1	7.7	<0.1	1.1	<0.1	1.7	<0.1
-415	6.2	<0.1	7.7	<0.1	1.1	<0.1	1.7	<0.1
-414	6.3	<0.1	7.8	<0.1	1.1	<0.1	1.7	<0.1
-413	6.3	<0.1	7.9	<0.1	1.1	<0.1	1.7	<0.1
-412	6.4	<0.1	7.9	<0.1	1.1	<0.1	1.7	<0.1
-411	6.4	<0.1	8.0	<0.1	1.1	<0.1	1.8	<0.1
-410	6.5	<0.1	8.1	<0.1	1.1	<0.1	1.8	<0.1
-409	6.5	<0.1	8.1	<0.1	1.1	<0.1	1.8	<0.1
-408	6.6	<0.1	8.2	<0.1	1.1	<0.1	1.8	<0.1
-407	6.7	<0.1	8.3	<0.1	1.1	<0.1	1.8	<0.1
-406	6.7	<0.1	8.3	<0.1	1.1	<0.1	1.8	<0.1
-405	6.8	<0.1	8.4	<0.1	1.1	<0.1	1.8	<0.1
-404	6.9	<0.1	8.5	<0.1	1.2	<0.1	1.8	<0.1
-403	6.9	<0.1	8.6	<0.1	1.2	<0.1	1.8	<0.1
-402	7.0	<0.1	8.6	<0.1	1.2	<0.1	1.8	<0.1
-401	7.1	<0.1	8.7	<0.1	1.2	<0.1	1.9	<0.1
-400	7.1	<0.1	8.8	<0.1	1.2	<0.1	1.9	<0.1
-399	7.2	<0.1	8.9	<0.1	1.2	<0.1	1.9	<0.1
-398	7.3	<0.1	8.9	<0.1	1.2	<0.1	1.9	<0.1
-397	7.3	<0.1	9.0	<0.1	1.2	<0.1	1.9	<0.1
-396	7.4	<0.1	9.1	<0.1	1.2	<0.1	1.9	<0.1
-395	7.5	<0.1	9.2	<0.1	1.2	<0.1	1.9	<0.1
-394	7.6	<0.1	9.3	<0.1	1.2	<0.1	1.9	<0.1
-393	7.6	<0.1	9.3	<0.1	1.2	<0.1	1.9	<0.1
-392	7.7	<0.1	9.4	<0.1	1.2	<0.1	2.0	<0.1
-391	7.8	<0.1	9.5	<0.1	1.2	<0.1	2.0	<0.1
-390	7.9	<0.1	9.6	<0.1	1.2	<0.1	2.0	<0.1
-389	8.0	<0.1	9.7	<0.1	1.2	<0.1	2.0	<0.1
-388	8.0	<0.1	9.8	<0.1	1.2	<0.1	2.0	<0.1
-387	8.1	<0.1	9.9	<0.1	1.2	<0.1	2.0	<0.1
-386	8.2	<0.1	10.0	<0.1	1.2	<0.1	2.0	<0.1
-385	8.3	<0.1	10	<0.1	1.3	<0.1	2.0	<0.1
-384	8.4	<0.1	10	<0.1	1.3	<0.1	2.1	<0.1
-383	8.5	<0.1	10	<0.1	1.3	<0.1	2.1	<0.1
-382	8.6	<0.1	10	<0.1	1.3	<0.1	2.1	<0.1
-381	8.7	<0.1	10	<0.1	1.3	<0.1	2.1	<0.1
-380	8.7	<0.1	11	<0.1	1.3	<0.1	2.1	<0.1
-379	8.8	<0.1	11	<0.1	1.3	<0.1	2.1	<0.1
-378	8.9	<0.1	11	<0.1	1.3	<0.1	2.1	<0.1
-377	9.0	<0.1	11	<0.1	1.3	<0.1	2.1	<0.1
-376	9.1	<0.1	11	<0.1	1.3	<0.1	2.2	<0.1
-375	9.2	<0.1	11	<0.1	1.3	<0.1	2.2	<0.1

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
-374	9.3	<0.1	11	<0.1	1.3	<0.1	2.2	<0.1
-373	9.4	<0.1	11	<0.1	1.3	<0.1	2.2	<0.1
-372	9.5	<0.1	11	0.1	1.3	<0.1	2.2	<0.1
-371	9.7	<0.1	12	0.1	1.3	<0.1	2.2	<0.1
-370	9.8	<0.1	12	0.1	1.3	<0.1	2.2	<0.1
-369	9.9	<0.1	12	0.1	1.3	<0.1	2.3	<0.1
-368	10.0	<0.1	12	0.1	1.4	<0.1	2.3	<0.1
-367	10	<0.1	12	0.1	1.4	<0.1	2.3	<0.1
-366	10	<0.1	12	0.1	1.4	<0.1	2.3	<0.1
-365	10	<0.1	12	0.1	1.4	<0.1	2.3	<0.1
-364	10	<0.1	12	0.1	1.4	<0.1	2.3	<0.1
-363	11	<0.1	13	0.1	1.4	<0.1	2.3	<0.1
-362	11	<0.1	13	0.1	1.4	<0.1	2.4	<0.1
-361	11	<0.1	13	0.1	1.4	<0.1	2.4	<0.1
-360	11	<0.1	13	0.1	1.4	<0.1	2.4	<0.1
-359	11	<0.1	13	0.1	1.4	<0.1	2.4	<0.1
-358	11	<0.1	13	0.1	1.4	<0.1	2.4	<0.1
-357	11	<0.1	13	0.1	1.4	<0.1	2.4	<0.1
-356	12	<0.1	14	0.1	1.4	<0.1	2.5	<0.1
-355	12	<0.1	14	0.1	1.4	<0.1	2.5	<0.1
-354	12	<0.1	14	0.1	1.5	<0.1	2.5	<0.1
-353	12	0.1	14	0.1	1.5	<0.1	2.5	<0.1
-352	12	0.1	14	0.1	1.5	<0.1	2.5	<0.1
-351	12	0.1	14	0.1	1.5	<0.1	2.5	<0.1
-350	12	0.1	14	0.1	1.5	<0.1	2.6	<0.1
-349	13	0.1	15	0.1	1.5	<0.1	2.6	<0.1
-348	13	0.1	15	0.1	1.5	<0.1	2.6	<0.1
-347	13	0.1	15	0.1	1.5	<0.1	2.6	<0.1
-346	13	0.1	15	0.1	1.5	<0.1	2.6	<0.1
-345	13	0.1	15	0.1	1.5	<0.1	2.7	<0.1
-344	13	0.1	16	0.1	1.5	<0.1	2.7	<0.1
-343	14	0.1	16	0.1	1.5	<0.1	2.7	<0.1
-342	14	0.1	16	0.1	1.5	<0.1	2.7	<0.1
-341	14	0.1	16	0.1	1.6	<0.1	2.7	<0.1
-340	14	0.1	16	0.1	1.6	<0.1	2.8	<0.1
-339	14	0.1	17	0.1	1.6	<0.1	2.8	<0.1
-338	14	0.1	17	0.1	1.6	<0.1	2.8	<0.1
-337	15	0.1	17	0.1	1.6	<0.1	2.8	<0.1
-336	15	0.1	17	0.1	1.6	<0.1	2.8	<0.1
-335	15	0.1	17	0.1	1.6	<0.1	2.9	<0.1
-334	15	0.1	18	0.1	1.6	<0.1	2.9	<0.1
-333	16	0.1	18	0.1	1.6	<0.1	2.9	<0.1

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
-332	16	0.1	18	0.1	1.6	<0.1	2.9	<0.1
-331	16	0.1	18	0.1	1.6	<0.1	2.9	<0.1
-330	16	0.1	19	0.1	1.6	<0.1	3.0	<0.1
-329	16	0.1	19	0.1	1.7	<0.1	3.0	<0.1
-328	17	0.1	19	0.1	1.7	<0.1	3.0	<0.1
-327	17	0.1	19	0.1	1.7	<0.1	3.0	<0.1
-326	17	0.1	20	0.1	1.7	<0.1	3.1	<0.1
-325	17	0.1	20	0.1	1.7	<0.1	3.1	<0.1
-324	18	0.1	20	0.1	1.7	<0.1	3.1	<0.1
-323	18	0.1	20	0.1	1.7	<0.1	3.1	<0.1
-322	18	0.1	21	0.1	1.7	<0.1	3.2	<0.1
-321	19	0.1	21	0.1	1.7	<0.1	3.2	<0.1
-320	19	0.1	21	0.1	1.7	<0.1	3.2	<0.1
-319	19	0.1	22	0.1	1.8	<0.1	3.2	<0.1
-318	19	0.1	22	0.1	1.8	<0.1	3.3	<0.1
-317	20	0.1	22	0.1	1.8	<0.1	3.3	<0.1
-316	20	0.1	23	0.1	1.8	<0.1	3.3	<0.1
-315	20	0.1	23	0.1	1.8	<0.1	3.3	<0.1
-314	21	0.1	23	0.1	1.8	<0.1	3.4	<0.1
-313	21	0.1	24	0.1	1.8	<0.1	3.4	<0.1
-312	21	0.1	24	0.1	1.8	<0.1	3.4	<0.1
-311	22	0.1	24	0.1	1.8	<0.1	3.5	<0.1
-310	22	0.1	25	0.1	1.9	<0.1	3.5	<0.1
-309	22	0.1	25	0.1	1.9	<0.1	3.5	<0.1
-308	23	0.1	26	0.1	1.9	<0.1	3.5	<0.1
-307	23	0.1	26	0.2	1.9	<0.1	3.6	<0.1
-306	24	0.1	26	0.2	1.9	<0.1	3.6	<0.1
-305	24	0.1	27	0.2	1.9	<0.1	3.6	<0.1
-304	24	0.1	27	0.2	1.9	<0.1	3.7	<0.1
-303	25	0.1	28	0.2	1.9	<0.1	3.7	<0.1
-302	25	0.1	28	0.2	2.0	<0.1	3.7	<0.1
-301	26	0.2	29	0.2	2.0	<0.1	3.8	<0.1
-300	26	0.2	29	0.2	2.0	<0.1	3.8	<0.1
-299	27	0.2	30	0.2	2.0	<0.1	3.8	<0.1
-298	27	0.2	30	0.2	2.0	<0.1	3.9	<0.1
-297	28	0.2	31	0.2	2.0	<0.1	3.9	<0.1
-296	28	0.2	31	0.2	2.0	<0.1	3.9	<0.1
-295	29	0.2	32	0.2	2.0	<0.1	4.0	<0.1
-294	29	0.2	32	0.2	2.1	<0.1	4.0	<0.1
-293	30	0.2	33	0.2	2.1	<0.1	4.0	<0.1
-292	30	0.2	34	0.2	2.1	<0.1	4.1	<0.1
-291	31	0.2	34	0.2	2.1	<0.1	4.1	<0.1

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
-290	32	0.2	35	0.2	2.1	<0.1	4.2	<0.1
-289	32	0.2	36	0.2	2.1	<0.1	4.2	<0.1
-288	33	0.2	36	0.2	2.1	<0.1	4.2	<0.1
-287	34	0.2	37	0.2	2.2	<0.1	4.3	<0.1
-286	34	0.2	38	0.3	2.2	<0.1	4.3	<0.1
-285	35	0.2	38	0.3	2.2	<0.1	4.4	<0.1
-284	36	0.2	39	0.3	2.2	<0.1	4.4	<0.1
-283	36	0.2	40	0.3	2.2	<0.1	4.5	<0.1
-282	37	0.3	41	0.3	2.2	<0.1	4.5	<0.1
-281	38	0.3	42	0.3	2.3	<0.1	4.5	<0.1
-280	39	0.3	42	0.3	2.3	<0.1	4.6	<0.1
-279	40	0.3	43	0.3	2.3	<0.1	4.6	<0.1
-278	41	0.3	44	0.3	2.3	<0.1	4.7	<0.1
-277	41	0.3	45	0.3	2.3	<0.1	4.7	<0.1
-276	42	0.3	46	0.3	2.3	<0.1	4.8	<0.1
-275	43	0.3	47	0.3	2.4	<0.1	4.8	<0.1
-274	44	0.3	48	0.4	2.4	<0.1	4.9	<0.1
-273	45	0.3	49	0.4	2.4	<0.1	4.9	<0.1
-272	47	0.4	51	0.4	2.4	<0.1	5.0	<0.1
-271	48	0.4	52	0.4	2.4	<0.1	5.0	<0.1
-270	49	0.4	53	0.4	2.4	<0.1	5.1	<0.1
-269	50	0.4	54	0.4	2.5	<0.1	5.1	<0.1
-268	51	0.4	56	0.4	2.5	<0.1	5.2	<0.1
-267	53	0.4	57	0.5	2.5	<0.1	5.2	<0.1
-266	54	0.4	58	0.5	2.5	<0.1	5.3	<0.1
-265	55	0.5	60	0.5	2.5	<0.1	5.4	<0.1
-264	57	0.5	61	0.5	2.6	<0.1	5.4	<0.1
-263	58	0.5	63	0.5	2.6	<0.1	5.5	<0.1
-262	60	0.5	64	0.5	2.6	<0.1	5.5	<0.1
-261	61	0.5	66	0.6	2.6	<0.1	5.6	<0.1
-260	63	0.5	68	0.6	2.7	<0.1	5.7	<0.1
-259	65	0.6	70	0.6	2.7	<0.1	5.7	<0.1
-258	67	0.6	72	0.6	2.7	<0.1	5.8	<0.1
-257	68	0.6	74	0.6	2.7	<0.1	5.9	<0.1
-256	70	0.6	76	0.7	2.7	<0.1	5.9	<0.1
-255	72	0.7	78	0.7	2.8	<0.1	6.0	<0.1
-254	75	0.7	80	0.7	2.8	<0.1	6.1	<0.1
-253	77	0.7	82	0.7	2.8	<0.1	6.1	<0.1
-252	79	0.7	85	0.8	2.8	<0.1	6.2	<0.1
-251	82	0.8	87	0.8	2.9	<0.1	6.3	<0.1
-250	84	0.8	90	0.8	2.9	<0.1	6.4	<0.1
-249	87	0.8	93	0.9	2.9	<0.1	6.4	<0.1

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
-248	89	0.9	96	0.9	2.9	<0.1	6.5	<0.1
-247	92	0.9	99	1.0	3.0	<0.1	6.6	<0.1
-246	95	1.0	102	1.0	3.0	<0.1	6.7	<0.1
-245	98	1.0	105	1.0	3.0	<0.1	6.8	<0.1
-244	102	1.0	109	1.1	3.1	<0.1	6.9	<0.1
-243	105	1.1	112	1.1	3.1	<0.1	6.9	<0.1
-242	109	1.1	116	1.2	3.1	<0.1	7.0	<0.1
-241	113	1.2	120	1.2	3.1	<0.1	7.1	<0.1
-240	117	1.3	124	1.3	3.2	<0.1	7.2	<0.1
-239	121	1.3	129	1.4	3.2	<0.1	7.3	<0.1
-238	125	1.4	133	1.4	3.2	<0.1	7.4	<0.1
-237	130	1.4	138	1.5	3.3	<0.1	7.5	<0.1
-236	135	1.5	143	1.5	3.3	<0.1	7.6	<0.1
-235	140	1.6	149	1.6	3.3	<0.1	7.7	<0.1
-234	145	1.7	154	1.7	3.4	<0.1	7.8	<0.1
-233	150	1.7	160	1.8	3.4	<0.1	7.9	<0.1
-232	156	1.8	166	1.9	3.4	<0.1	8.1	<0.1
-231	162	1.9	173	1.9	3.5	<0.1	8.2	<0.1
-230	169	2.0	179	2.0	3.5	<0.1	8.3	<0.1
-229	175	2.1	186	2.1	3.6	<0.1	8.5	<0.1
-228	182	2.2	194	2.2	3.6	<0.1	8.6	<0.1
-227	190	2.3	201	2.3	3.6	<0.1	8.8	<0.1
-226	197	2.4	209	2.4	3.7	<0.1	8.9	<0.1
-225	205	2.5	218	2.5	3.7	<0.1	9.1	<0.1
-224	214	2.6	227	2.6	3.8	<0.1	9.3	<0.1
-223	222	2.7	236	2.7	3.8	<0.1	9.4	<0.1
-222	231	2.8	245	2.9	3.8	<0.1	9.6	<0.1
-221	240	2.9	255	3.0	3.9	<0.1	9.8	<0.1
-220	250	3.0	265	3.1	3.9	<0.1	10.0	<0.1
-219	259	3.1	275	3.2	4.0	<0.1	10	<0.1
-218	269	3.2	285	3.3	4.0	<0.1	10	<0.1
-217	279	3.3	296	3.4	4.1	<0.1	11	<0.1
-216	290	3.4	306	3.4	4.1	<0.1	11	<0.1
-215	300	3.5	317	3.5	4.2	<0.1	11	0.1
-214	310	3.6	328	3.6	4.2	<0.1	11	0.1
-213	320	3.6	338	3.6	4.3	<0.1	11	0.1
-212	330	3.6	349	3.7	4.3	<0.1	12	0.1
-211	340	3.7	359	3.7	4.4	<0.1	12	0.1
-210	349	3.7	368	3.7	4.4	<0.1	12	0.1
-209	358	3.7	378	3.7	4.5	<0.1	12	0.1
-208	366	3.6	386	3.7	4.5	<0.1	13	0.1
-207	374	3.6	394	3.6	4.6	<0.1	13	0.1

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
-206	381	3.5	402	3.5	4.7	<0.1	13	0.1
-205	387	3.4	408	3.5	4.7	<0.1	14	0.1
-204	393	3.3	414	3.4	4.8	<0.1	14	0.1
-203	398	3.2	419	3.3	4.9	<0.1	14	0.1
-202	402	3.1	423	3.1	4.9	<0.1	14	0.1
-201	405	3.0	427	3.0	5.0	<0.1	15	0.1
-200	408	2.9	430	2.9	5.1	<0.1	15	0.1
-199	410	2.8	432	2.8	5.1	<0.1	16	0.1
-198	412	2.7	434	2.7	5.2	<0.1	16	0.1
-197	413	2.6	435	2.6	5.3	<0.1	16	0.1
-196	413	2.5	435	2.5	5.4	<0.1	17	0.1
-195	413	2.4	436	2.4	5.4	<0.1	17	0.1
-194	413	2.4	436	2.4	5.5	<0.1	17	0.1
-193	412	2.4	435	2.4	5.6	<0.1	18	0.1
-192	411	2.3	435	2.3	5.7	<0.1	18	0.1
-191	411	2.3	435	2.3	5.8	<0.1	19	0.1
-190	410	2.3	435	2.3	5.9	<0.1	19	0.1
-189	409	2.3	436	2.3	5.9	<0.1	20	0.1
-188	409	2.3	437	2.3	6.0	<0.1	20	0.1
-187	409	2.3	438	2.3	6.1	<0.1	21	0.1
-186	410	2.3	439	2.3	6.2	<0.1	21	0.1
-185	410	2.3	440	2.3	6.3	<0.1	22	0.1
-184	411	2.3	442	2.3	6.4	<0.1	22	0.1
-183	411	2.3	443	2.3	6.5	<0.1	23	0.1
-182	412	2.4	445	2.3	6.7	<0.1	24	0.1
-181	413	2.4	446	2.3	6.8	<0.1	24	0.1
-180	413	2.4	447	2.4	6.9	<0.1	25	0.1
-179	413	2.5	448	2.4	7.0	<0.1	25	0.1
-178	413	2.6	448	2.5	7.1	<0.1	26	0.1
-177	412	2.7	447	2.6	7.3	<0.1	27	0.1
-176	410	2.8	446	2.7	7.4	<0.1	28	0.1
-175	408	2.9	444	2.8	7.5	<0.1	28	0.1
-174	406	3.0	441	2.9	7.7	<0.1	29	0.1
-173	402	3.1	438	3.1	7.8	<0.1	30	0.1
-172	398	3.2	433	3.2	8.0	<0.1	31	0.1
-171	393	3.3	428	3.3	8.1	<0.1	32	0.1
-170	387	3.4	422	3.4	8.3	<0.1	33	0.1
-169	381	3.5	415	3.5	8.4	<0.1	34	0.1
-168	374	3.6	408	3.6	8.6	0.1	35	0.1
-167	366	3.6	399	3.6	8.8	0.1	36	0.1
-166	358	3.7	391	3.7	9.0	0.1	37	0.2
-165	349	3.7	381	3.7	9.1	0.1	38	0.2

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
-164	340	3.7	372	3.7	9.3	0.1	39	0.2
-163	330	3.6	362	3.7	9.5	0.1	41	0.2
-162	320	3.6	352	3.7	9.7	0.1	42	0.2
-161	310	3.6	342	3.6	10.0	0.1	43	0.2
-160	300	3.5	332	3.6	10	0.1	45	0.2
-159	290	3.4	322	3.5	10	0.1	46	0.2
-158	280	3.3	313	3.5	11	0.1	48	0.2
-157	269	3.2	304	3.4	11	0.1	50	0.2
-156	260	3.1	295	3.3	11	0.1	51	0.2
-155	250	3.0	288	3.2	11	0.1	53	0.2
-154	240	2.9	281	3.2	12	0.1	55	0.2
-153	231	2.8	274	3.1	12	0.1	57	0.2
-152	222	2.7	269	3.0	12	0.1	59	0.2
-151	214	2.6	264	2.9	13	0.1	61	0.3
-150	205	2.5	260	2.8	13	0.1	63	0.3
-149	197	2.4	257	2.8	13	0.1	66	0.3
-148	190	2.3	255	2.7	14	0.1	68	0.3
-147	182	2.2	254	2.7	14	0.1	70	0.3
-146	175	2.1	254	2.6	14	0.1	73	0.3
-145	169	2.0	254	2.5	15	0.1	76	0.3
-144	162	1.9	256	2.5	15	0.1	79	0.3
-143	156	1.8	258	2.5	16	0.1	82	0.4
-142	150	1.7	260	2.4	16	0.1	85	0.4
-141	145	1.7	263	2.4	16	0.2	88	0.4
-140	139	1.6	267	2.4	17	0.2	92	0.4
-139	134	1.5	270	2.3	17	0.2	95	0.5
-138	130	1.4	274	2.3	18	0.2	99	0.5
-137	125	1.4	278	2.3	19	0.2	103	0.5
-136	121	1.3	282	2.3	19	0.2	107	0.5
-135	116	1.3	286	2.2	20	0.2	111	0.6
-134	112	1.2	290	2.2	20	0.2	116	0.6
-133	109	1.1	294	2.2	21	0.2	120	0.6
-132	105	1.1	296	2.1	22	0.2	125	0.7
-131	102	1.1	299	2.1	23	0.2	130	0.7
-130	98	1.0	301	2.1	23	0.3	135	0.8
-129	95	1.0	302	2.0	24	0.3	140	0.8
-128	92	0.9	302	2.0	25	0.3	146	0.8
-127	89	0.9	301	1.9	26	0.3	151	0.9
-126	86	0.8	300	1.8	27	0.3	157	0.9
-125	84	0.8	298	1.8	28	0.3	162	1.0
-124	81	0.8	295	1.7	29	0.3	168	1.0
-123	79	0.7	292	1.6	30	0.4	174	1.1

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
-122	76	0.7	287	1.5	31	0.4	179	1.1
-121	74	0.7	283	1.5	33	0.4	185	1.2
-120	72	0.7	277	1.4	34	0.4	190	1.2
-119	70	0.6	271	1.3	35	0.4	196	1.3
-118	68	0.6	265	1.3	37	0.5	201	1.3
-117	66	0.6	258	1.2	38	0.5	205	1.3
-116	64	0.6	251	1.1	40	0.5	210	1.4
-115	63	0.5	244	1.1	42	0.6	214	1.4
-114	61	0.5	236	1.0	44	0.6	218	1.4
-113	59	0.5	229	1.0	46	0.6	221	1.4
-112	58	0.5	221	0.9	48	0.7	223	1.4
-111	56	0.5	213	0.9	50	0.7	225	1.4
-110	55	0.5	206	0.9	52	0.7	226	1.4
-109	53	0.4	199	0.8	55	0.8	227	1.3
-108	52	0.4	191	0.8	58	0.8	227	1.3
-107	51	0.4	184	0.8	60	0.9	227	1.3
-106	49	0.4	177	0.8	64	0.9	226	1.2
-105	48	0.4	170	0.7	67	1.0	224	1.2
-104	47	0.4	164	0.7	70	1.0	222	1.2
-103	46	0.4	158	0.7	74	1.1	219	1.1
-102	45	0.3	152	0.7	77	1.1	216	1.1
-101	44	0.3	146	0.7	81	1.2	212	1.0
-100	43	0.3	140	0.6	86	1.2	208	1.0
-99	42	0.3	135	0.6	90	1.3	203	0.9
-98	41	0.3	130	0.6	94	1.3	199	0.9
-97	40	0.3	125	0.6	99	1.4	194	0.9
-96	39	0.3	121	0.6	104	1.4	189	0.8
-95	38	0.3	116	0.6	109	1.4	184	0.8
-94	37	0.3	112	0.5	114	1.5	179	0.8
-93	36	0.3	109	0.5	119	1.5	173	0.8
-92	36	0.3	105	0.5	124	1.5	168	0.8
-91	35	0.2	102	0.5	129	1.5	163	0.7
-90	34	0.2	98	0.5	134	1.5	157	0.7
-89	33	0.2	95	0.5	139	1.5	152	0.7
-88	33	0.2	93	0.4	144	1.5	147	0.7
-87	32	0.2	90	0.4	148	1.4	142	0.7
-86	31	0.2	87	0.4	152	1.4	137	0.7
-85	31	0.2	85	0.4	156	1.3	132	0.7
-84	30	0.2	83	0.4	159	1.3	127	0.7
-83	29	0.2	81	0.4	162	1.2	123	0.7
-82	29	0.2	78	0.4	165	1.1	118	0.6
-81	28	0.2	76	0.3	167	1.0	114	0.6

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
-80	28	0.2	74	0.3	169	1.0	110	0.6
-79	27	0.2	73	0.3	171	0.9	106	0.6
-78	27	0.2	71	0.3	172	0.9	102	0.6
-77	26	0.2	69	0.3	173	0.8	98	0.6
-76	26	0.2	68	0.3	173	0.8	95	0.6
-75	25	0.2	66	0.3	174	0.8	91	0.5
-74	25	0.2	64	0.3	174	0.8	88	0.5
-73	24	0.2	63	0.3	174	0.8	85	0.5
-72	24	0.1	62	0.2	174	0.9	82	0.5
-71	23	0.1	60	0.2	173	0.9	79	0.5
-70	23	0.1	59	0.2	172	1.0	76	0.5
-69	22	0.1	58	0.2	171	1.1	73	0.5
-68	22	0.1	56	0.2	170	1.1	71	0.4
-67	22	0.1	55	0.2	168	1.2	68	0.4
-66	21	0.1	54	0.2	166	1.3	66	0.4
-65	21	0.1	53	0.2	163	1.4	64	0.4
-64	20	0.1	52	0.2	160	1.4	62	0.4
-63	20	0.1	51	0.2	157	1.5	60	0.4
-62	20	0.1	50	0.2	154	1.5	58	0.4
-61	19	0.1	49	0.2	150	1.5	56	0.4
-60	19	0.1	48	0.2	146	1.5	54	0.4
-59	19	0.1	47	0.2	142	1.6	53	0.3
-58	18	0.1	46	0.1	138	1.5	51	0.3
-57	18	0.1	46	0.1	133	1.5	50	0.3
-56	18	0.1	45	0.1	129	1.5	49	0.3
-55	17	0.1	44	0.1	125	1.5	47	0.3
-54	17	0.1	43	0.1	120	1.4	46	0.3
-53	17	0.1	42	0.1	116	1.4	45	0.3
-52	16	0.1	42	0.1	112	1.4	44	0.3
-51	16	0.1	41	0.1	108	1.3	43	0.3
-50	16	0.1	40	0.1	104	1.3	42	0.3
-49	16	0.1	40	0.1	100	1.2	41	0.3
-48	15	0.1	39	0.1	97	1.2	41	0.3
-47	15	0.1	39	0.1	93	1.1	40	0.3
-46	15	0.1	38	0.1	90	1.0	39	0.2
-45	15	0.1	37	0.1	87	1.0	38	0.2
-44	14	0.1	37	0.1	84	0.9	38	0.2
-43	14	0.1	36	0.1	82	0.9	37	0.2
-42	14	0.1	36	0.1	79	0.9	37	0.2
-41	14	0.1	35	0.1	77	0.8	36	0.2
-40	13	0.1	35	0.1	75	0.8	35	0.2
-39	13	0.1	34	0.1	73	0.7	35	0.2

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
-38	13	0.1	34	0.1	71	0.7	35	0.2
-37	13	0.1	33	0.1	70	0.7	34	0.2
-36	12	0.1	33	0.1	68	0.6	34	0.2
-35	12	0.1	33	0.1	67	0.6	33	0.2
-34	12	0.1	32	0.1	65	0.6	33	0.2
-33	12	0.1	32	0.1	64	0.5	33	0.2
-32	12	0.1	31	0.1	63	0.5	33	0.2
-31	11	0.1	31	0.1	62	0.5	32	0.2
-30	11	0.1	31	0.1	61	0.4	32	0.2
-29	11	0.1	30	0.1	61	0.4	32	0.2
-28	11	0.1	30	0.1	60	0.4	32	0.2
-27	11	0.1	30	0.1	60	0.4	32	0.2
-26	10	0.1	29	0.1	59	0.3	32	0.2
-25	10	0.1	29	0.1	59	0.3	32	0.2
-24	10	0.1	29	0.1	59	0.3	32	0.2
-23	10.0	0.1	28	0.1	59	0.3	32	0.2
-22	9.8	0.1	28	0.1	58	0.2	32	0.2
-21	9.6	0.1	28	0.1	58	0.2	32	0.2
-20	9.4	0.1	28	0.1	59	0.2	32	0.2
-19	9.3	0.1	27	0.1	59	0.2	33	0.2
-18	9.1	0.1	27	0.1	59	0.2	33	0.2
-17	8.9	0.1	27	0.1	59	0.2	33	0.2
-16	8.8	0.1	27	0.1	60	0.1	33	0.2
-15	8.6	0.1	27	0.1	60	0.1	34	0.2
-14	8.5	0.1	26	<0.1	61	0.1	34	0.2
-13	8.3	0.1	26	<0.1	62	0.2	35	0.2
-12	8.2	0.1	26	<0.1	63	0.2	35	0.2
-11	8.0	0.1	26	<0.1	63	0.2	36	0.2
-10	7.9	<0.1	26	<0.1	64	0.2	36	0.2
-9	7.7	<0.1	25	<0.1	65	0.3	37	0.2
-8	7.6	<0.1	25	<0.1	66	0.3	38	0.2
-7	7.4	<0.1	25	<0.1	68	0.3	38	0.2
-6	7.3	<0.1	25	<0.1	69	0.4	39	0.2
-5	7.1	<0.1	25	<0.1	70	0.4	40	0.2
-4	7.0	<0.1	25	<0.1	72	0.5	41	0.3
-3	6.9	<0.1	24	<0.1	73	0.5	42	0.3
-2	6.7	<0.1	24	<0.1	75	0.6	43	0.3
-1	6.6	<0.1	24	<0.1	77	0.7	44	0.3
0	6.5	<0.1	24	<0.1	78	0.7	45	0.3
1	6.3	<0.1	24	<0.1	80	0.8	46	0.3
2	6.2	<0.1	24	<0.1	82	0.9	48	0.3
3	6.1	<0.1	24	<0.1	84	0.9	49	0.3

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
4	6.0	<0.1	24	<0.1	86	1.0	51	0.3
5	5.8	<0.1	24	<0.1	88	1.1	52	0.3
6	5.7	<0.1	24	<0.1	90	1.2	54	0.3
7	5.6	<0.1	23	<0.1	92	1.2	56	0.3
8	5.5	<0.1	23	<0.1	93	1.3	58	0.4
9	5.4	<0.1	23	<0.1	95	1.4	60	0.4
10	5.2	<0.1	23	<0.1	97	1.4	62	0.4
11	5.1	<0.1	23	<0.1	98	1.5	64	0.4
12	5.0	<0.1	23	<0.1	99	1.5	66	0.4
13	4.9	<0.1	23	<0.1	101	1.6	69	0.4
14	4.8	<0.1	23	<0.1	101	1.6	71	0.4
15	4.7	<0.1	23	<0.1	102	1.6	74	0.4
16	4.6	<0.1	23	<0.1	103	1.6	77	0.5
17	4.5	<0.1	23	<0.1	103	1.6	80	0.5
18	4.4	<0.1	23	<0.1	103	1.6	83	0.5
19	4.3	<0.1	23	<0.1	102	1.5	87	0.5
20	4.2	<0.1	23	<0.1	102	1.5	90	0.5
21	4.1	<0.1	23	<0.1	101	1.5	94	0.5
22	4.0	<0.1	23	<0.1	100	1.4	98	0.5
23	3.9	<0.1	23	<0.1	99	1.3	102	0.6
24	3.8	<0.1	23	<0.1	98	1.3	106	0.6
25	3.7	<0.1	23	<0.1	97	1.2	111	0.6
26	3.6	<0.1	23	<0.1	96	1.1	116	0.6
27	3.5	<0.1	23	<0.1	95	1.1	121	0.6
28	3.4	<0.1	23	<0.1	93	1.0	126	0.6
29	3.4	<0.1	23	<0.1	92	0.9	131	0.7
30	3.3	<0.1	23	<0.1	91	0.8	137	0.7
31	3.2	<0.1	23	<0.1	90	0.8	143	0.7
32	3.1	<0.1	23	<0.1	88	0.7	149	0.7
33	3.1	<0.1	23	0.1	87	0.7	155	0.7
34	3.0	<0.1	23	0.1	86	0.6	162	0.7
35	3.0	<0.1	23	0.1	85	0.5	169	0.7
36	2.9	<0.1	23	0.1	85	0.5	176	0.7
37	2.9	<0.1	24	0.1	84	0.5	183	0.7
38	2.9	<0.1	24	0.1	83	0.4	191	0.8
39	2.8	<0.1	24	0.1	82	0.4	198	0.8
40	2.8	<0.1	24	0.1	82	0.4	206	0.8
41	2.8	<0.1	24	0.1	81	0.3	214	0.8
42	2.8	<0.1	24	0.1	81	0.3	222	0.8
43	2.8	<0.1	24	0.1	81	0.3	230	0.8
44	2.8	<0.1	24	0.1	81	0.3	238	0.8
45	2.8	<0.1	24	0.1	81	0.3	247	0.8

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
46	2.8	<0.1	25	0.1	81	0.3	255	0.9
47	2.8	<0.1	25	0.1	81	0.3	263	0.9
48	2.9	<0.1	25	0.1	81	0.3	271	0.9
49	2.9	<0.1	25	0.1	81	0.4	278	1.0
50	3.0	<0.1	25	0.1	82	0.4	286	1.0
51	3.0	<0.1	25	0.1	82	0.4	293	1.1
52	3.1	<0.1	26	0.1	83	0.4	300	1.1
53	3.2	<0.1	26	0.1	84	0.5	306	1.2
54	3.3	<0.1	26	0.1	85	0.5	312	1.3
55	3.4	<0.1	26	0.1	86	0.5	318	1.3
56	3.4	<0.1	26	0.1	87	0.5	322	1.4
57	3.5	<0.1	27	0.1	88	0.6	327	1.5
58	3.6	<0.1	27	0.1	89	0.6	330	1.6
59	3.8	<0.1	27	0.1	91	0.6	333	1.6
60	3.9	<0.1	27	0.1	92	0.7	334	1.7
61	4.0	<0.1	28	0.1	94	0.7	335	1.8
62	4.1	<0.1	28	0.1	96	0.7	335	1.9
63	4.3	<0.1	28	0.1	98	0.8	335	1.9
64	4.4	<0.1	28	0.1	100	0.8	333	2.0
65	4.5	<0.1	29	0.1	102	0.8	331	2.0
66	4.7	<0.1	29	0.1	105	0.9	328	2.1
67	4.8	<0.1	29	0.1	108	0.9	325	2.1
68	5.0	<0.1	30	0.1	110	1.0	321	2.2
69	5.2	0.1	30	0.1	113	1.0	316	2.2
70	5.3	0.1	30	0.1	116	1.1	311	2.2
71	5.5	0.1	31	0.1	120	1.1	306	2.2
72	5.7	0.1	31	0.1	123	1.2	301	2.3
73	5.9	0.1	31	0.1	127	1.2	296	2.3
74	6.1	0.1	32	0.1	131	1.3	291	2.3
75	6.3	0.1	32	0.1	135	1.4	287	2.3
76	6.5	0.1	33	0.1	139	1.4	282	2.3
77	6.7	0.1	33	0.1	144	1.5	278	2.4
78	6.9	0.1	34	0.1	149	1.6	275	2.4
79	7.1	0.1	34	0.1	154	1.7	272	2.4
80	7.3	0.1	35	0.1	159	1.7	270	2.5
81	7.5	0.1	35	0.1	165	1.8	269	2.5
82	7.8	0.1	36	0.1	171	1.9	268	2.6
83	8.0	0.1	36	0.1	177	2.0	268	2.6
84	8.3	0.1	37	0.1	184	2.1	269	2.7
85	8.5	0.1	37	0.1	191	2.2	271	2.7
86	8.8	0.1	38	0.1	198	2.3	273	2.8
87	9.0	0.1	39	0.2	206	2.4	276	2.9

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
88	9.3	0.1	39	0.2	213	2.5	280	2.9
89	9.6	0.1	40	0.2	222	2.6	285	3.0
90	9.9	0.1	41	0.2	230	2.7	291	3.1
91	10	0.1	41	0.2	239	2.9	297	3.2
92	11	0.1	42	0.2	248	3.0	304	3.3
93	11	0.1	43	0.2	258	3.1	311	3.4
94	11	0.1	44	0.2	267	3.2	319	3.4
95	11	0.1	45	0.2	277	3.3	328	3.5
96	12	0.1	45	0.2	287	3.4	336	3.6
97	12	0.1	46	0.2	297	3.4	346	3.6
98	13	0.1	47	0.2	307	3.5	355	3.7
99	13	0.1	48	0.2	317	3.6	364	3.7
100	13	0.1	49	0.2	326	3.6	374	3.8
101	14	0.1	50	0.2	336	3.6	383	3.8
102	14	0.1	51	0.2	345	3.7	392	3.8
103	15	0.1	53	0.2	354	3.7	401	3.8
104	15	0.1	54	0.3	362	3.6	409	3.8
105	15	0.1	55	0.3	370	3.6	417	3.7
106	16	0.1	56	0.3	377	3.5	424	3.6
107	16	0.1	57	0.3	384	3.5	430	3.6
108	17	0.1	59	0.3	390	3.4	436	3.5
109	17	0.1	60	0.3	395	3.3	441	3.4
110	18	0.1	62	0.3	399	3.2	445	3.2
111	19	0.1	63	0.3	403	3.1	448	3.1
112	19	0.1	65	0.3	406	2.9	450	3.0
113	20	0.1	66	0.3	408	2.8	452	2.9
114	20	0.1	68	0.4	410	2.7	453	2.8
115	21	0.2	70	0.4	411	2.6	453	2.7
116	22	0.2	71	0.4	412	2.5	453	2.6
117	22	0.2	73	0.4	412	2.5	452	2.5
118	23	0.2	75	0.4	411	2.4	450	2.5
119	24	0.2	77	0.4	411	2.4	449	2.4
120	25	0.2	79	0.4	410	2.4	447	2.4
121	25	0.2	81	0.5	409	2.3	445	2.4
122	26	0.2	83	0.5	408	2.3	443	2.4
123	27	0.2	86	0.5	408	2.3	441	2.4
124	28	0.2	88	0.5	407	2.3	439	2.4
125	29	0.2	90	0.5	407	2.3	437	2.4
126	30	0.2	93	0.5	407	2.3	436	2.4
127	31	0.2	95	0.5	407	2.3	435	2.4
128	32	0.2	98	0.6	408	2.3	434	2.4
129	33	0.3	100	0.6	409	2.3	433	2.4

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
130	35	0.3	103	0.6	409	2.4	433	2.4
131	36	0.3	106	0.6	410	2.4	432	2.4
132	37	0.3	109	0.6	410	2.4	431	2.4
133	39	0.3	111	0.6	410	2.5	430	2.5
134	40	0.3	114	0.7	410	2.5	428	2.5
135	42	0.3	117	0.7	409	2.6	426	2.6
136	43	0.4	120	0.7	408	2.7	424	2.7
137	45	0.4	123	0.7	406	2.8	421	2.8
138	47	0.4	126	0.7	404	2.9	417	2.9
139	49	0.4	129	0.7	400	3.0	413	3.1
140	50	0.4	132	0.7	397	3.2	408	3.2
141	53	0.4	135	0.7	392	3.3	402	3.3
142	55	0.5	137	0.8	387	3.4	396	3.4
143	57	0.5	140	0.8	381	3.5	389	3.5
144	59	0.5	143	0.8	374	3.5	381	3.5
145	62	0.5	146	0.8	366	3.6	373	3.6
146	65	0.6	149	0.8	358	3.6	364	3.6
147	68	0.6	152	0.8	350	3.7	354	3.7
148	71	0.6	156	0.9	341	3.7	344	3.7
149	74	0.7	160	0.9	331	3.6	334	3.7
150	77	0.7	164	0.9	322	3.6	324	3.6
151	81	0.8	169	0.9	312	3.6	313	3.6
152	85	0.8	173	1.0	302	3.5	302	3.5
153	89	0.8	178	1.0	292	3.4	292	3.4
154	93	0.9	183	1.1	282	3.4	281	3.4
155	97	0.9	188	1.1	272	3.3	270	3.3
156	102	1.0	193	1.1	262	3.2	260	3.2
157	107	1.0	197	1.2	252	3.1	250	3.1
158	112	1.1	202	1.2	243	3.0	240	3.0
159	118	1.1	206	1.3	233	2.9	230	2.9
160	124	1.2	209	1.3	224	2.8	221	2.8
161	130	1.2	213	1.3	216	2.6	212	2.7
162	136	1.3	216	1.3	207	2.5	203	2.5
163	143	1.3	218	1.3	199	2.4	195	2.4
164	150	1.4	220	1.4	192	2.3	187	2.3
165	157	1.5	221	1.3	184	2.2	180	2.2
166	165	1.5	222	1.3	177	2.1	173	2.1
167	172	1.5	222	1.3	170	2.0	166	2.0
168	180	1.6	222	1.3	164	1.9	159	2.0
169	188	1.6	222	1.3	158	1.9	153	1.9
170	196	1.6	221	1.2	152	1.8	147	1.8
171	204	1.6	219	1.2	146	1.7	141	1.7

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
172	211	1.6	218	1.1	141	1.6	136	1.6
173	218	1.6	216	1.1	136	1.5	131	1.5
174	225	1.6	213	1.0	131	1.5	126	1.5
175	232	1.6	211	1.0	126	1.4	121	1.4
176	238	1.5	208	0.9	122	1.3	117	1.3
177	244	1.5	206	0.9	118	1.3	112	1.3
178	249	1.4	203	0.8	114	1.2	108	1.2
179	253	1.3	200	0.7	110	1.2	104	1.2
180	257	1.2	198	0.7	106	1.1	101	1.1
181	260	1.2	195	0.6	103	1.1	97	1.1
182	263	1.1	193	0.6	99	1.0	94	1.0
183	265	1.0	190	0.5	96	1.0	91	1.0
184	267	0.9	188	0.5	93	0.9	88	0.9
185	268	0.9	186	0.4	90	0.9	85	0.9
186	269	0.9	184	0.4	87	0.9	82	0.9
187	269	0.8	182	0.3	85	0.8	80	0.8
188	269	0.8	181	0.3	82	0.8	77	0.8
189	268	0.9	179	0.3	80	0.8	75	0.8
190	268	0.9	178	0.2	77	0.7	72	0.7
191	266	0.9	178	0.2	75	0.7	70	0.7
192	265	1.0	177	0.2	73	0.7	68	0.7
193	263	1.1	177	0.3	71	0.6	66	0.6
194	260	1.2	177	0.3	69	0.6	64	0.6
195	257	1.2	178	0.3	67	0.6	62	0.6
196	253	1.3	179	0.3	65	0.6	60	0.6
197	248	1.4	180	0.3	64	0.5	59	0.6
198	243	1.5	181	0.4	62	0.5	57	0.5
199	238	1.5	183	0.4	60	0.5	56	0.5
200	231	1.6	186	0.4	59	0.5	54	0.5
201	225	1.6	188	0.5	57	0.5	53	0.5
202	218	1.6	191	0.5	56	0.5	51	0.5
203	210	1.6	195	0.5	54	0.4	50	0.4
204	203	1.6	199	0.6	53	0.4	49	0.4
205	195	1.6	203	0.6	52	0.4	47	0.4
206	187	1.6	207	0.7	50	0.4	46	0.4
207	180	1.6	211	0.7	49	0.4	45	0.4
208	172	1.5	216	0.7	48	0.4	44	0.4
209	164	1.5	221	0.8	47	0.4	43	0.4
210	157	1.4	225	0.8	46	0.3	42	0.4
211	150	1.4	230	0.9	45	0.3	41	0.3
212	143	1.3	234	0.9	44	0.3	40	0.3
213	136	1.3	238	1.0	43	0.3	39	0.3

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
214	130	1.2	242	1.0	42	0.3	38	0.3
215	123	1.2	246	1.1	41	0.3	37	0.3
216	118	1.1	249	1.1	40	0.3	36	0.3
217	112	1.1	251	1.2	39	0.3	35	0.3
218	107	1.0	253	1.2	38	0.3	35	0.3
219	102	1.0	254	1.3	38	0.3	34	0.3
220	97	0.9	255	1.3	37	0.2	33	0.3
221	93	0.9	255	1.4	36	0.2	32	0.3
222	89	0.8	254	1.4	35	0.2	32	0.2
223	85	0.8	252	1.4	35	0.2	31	0.2
224	81	0.7	250	1.4	34	0.2	30	0.2
225	77	0.7	247	1.4	33	0.2	30	0.2
226	74	0.7	244	1.4	33	0.2	29	0.2
227	71	0.6	239	1.4	32	0.2	29	0.2
228	68	0.6	235	1.4	31	0.2	28	0.2
229	65	0.6	230	1.4	31	0.2	27	0.2
230	62	0.5	224	1.4	30	0.2	27	0.2
231	60	0.5	218	1.3	30	0.2	26	0.2
232	57	0.5	212	1.3	29	0.2	26	0.2
233	55	0.5	206	1.2	29	0.2	25	0.2
234	53	0.4	199	1.2	28	0.2	25	0.2
235	51	0.4	192	1.2	28	0.2	24	0.2
236	49	0.4	186	1.1	27	0.2	24	0.2
237	47	0.4	179	1.1	27	0.2	23	0.2
238	45	0.4	173	1.0	26	0.1	23	0.2
239	44	0.3	166	1.0	26	0.1	23	0.2
240	42	0.3	160	0.9	25	0.1	22	0.2
241	41	0.3	154	0.9	25	0.1	22	0.1
242	39	0.3	148	0.8	24	0.1	21	0.1
243	38	0.3	142	0.8	24	0.1	21	0.1
244	37	0.3	136	0.7	24	0.1	21	0.1
245	35	0.3	131	0.7	23	0.1	20	0.1
246	34	0.3	126	0.7	23	0.1	20	0.1
247	33	0.2	121	0.6	22	0.1	20	0.1
248	32	0.2	116	0.6	22	0.1	19	0.1
249	31	0.2	111	0.6	22	0.1	19	0.1
250	30	0.2	107	0.5	21	0.1	19	0.1
251	29	0.2	103	0.5	21	0.1	18	0.1
252	28	0.2	99	0.5	21	0.1	18	0.1
253	27	0.2	95	0.5	20	0.1	18	0.1
254	27	0.2	91	0.4	20	0.1	17	0.1
255	26	0.2	88	0.4	20	0.1	17	0.1

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
256	25	0.2	85	0.4	19	0.1	17	0.1
257	24	0.2	81	0.4	19	0.1	17	0.1
258	24	0.2	78	0.4	19	0.1	16	0.1
259	23	0.1	76	0.3	19	0.1	16	0.1
260	22	0.1	73	0.3	18	0.1	16	0.1
261	22	0.1	70	0.3	18	0.1	16	0.1
262	21	0.1	68	0.3	18	0.1	15	0.1
263	21	0.1	66	0.3	17	0.1	15	0.1
264	20	0.1	63	0.3	17	0.1	15	0.1
265	19	0.1	61	0.3	17	0.1	15	0.1
266	19	0.1	59	0.3	17	0.1	14	0.1
267	18	0.1	57	0.2	17	0.1	14	0.1
268	18	0.1	56	0.2	16	0.1	14	0.1
269	18	0.1	54	0.2	16	0.1	14	0.1
270	17	0.1	52	0.2	16	0.1	14	0.1
271	17	0.1	51	0.2	16	0.1	13	0.1
272	16	0.1	49	0.2	15	0.1	13	0.1
273	16	0.1	48	0.2	15	0.1	13	0.1
274	15	0.1	46	0.2	15	0.1	13	0.1
275	15	0.1	45	0.2	15	0.1	13	0.1
276	15	0.1	44	0.2	15	0.1	13	0.1
277	14	0.1	43	0.2	14	0.1	12	0.1
278	14	0.1	41	0.2	14	0.1	12	0.1
279	14	0.1	40	0.2	14	0.1	12	0.1
280	13	0.1	39	0.2	14	0.1	12	0.1
281	13	0.1	38	0.2	14	0.1	12	0.1
282	13	0.1	37	0.1	14	0.1	12	0.1
283	13	0.1	36	0.1	13	0.1	11	0.1
284	12	0.1	36	0.1	13	0.1	11	0.1
285	12	0.1	35	0.1	13	0.1	11	0.1
286	12	0.1	34	0.1	13	0.1	11	0.1
287	11	0.1	33	0.1	13	<0.1	11	0.1
288	11	0.1	32	0.1	13	<0.1	11	0.1
289	11	0.1	32	0.1	12	<0.1	11	0.1
290	11	0.1	31	0.1	12	<0.1	10	0.1
291	11	0.1	30	0.1	12	<0.1	10	0.1
292	10	0.1	30	0.1	12	<0.1	10	0.1
293	10	<0.1	29	0.1	12	<0.1	10	0.1
294	9.9	<0.1	28	0.1	12	<0.1	9.9	0.1
295	9.7	<0.1	28	0.1	12	<0.1	9.8	0.1
296	9.5	<0.1	27	0.1	11	<0.1	9.7	0.1
297	9.3	<0.1	27	0.1	11	<0.1	9.6	<0.1

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
298	9.1	<0.1	26	0.1	11	<0.1	9.5	<0.1
299	8.9	<0.1	26	0.1	11	<0.1	9.4	<0.1
300	8.8	<0.1	25	0.1	11	<0.1	9.2	<0.1
301	8.6	<0.1	25	0.1	11	<0.1	9.1	<0.1
302	8.4	<0.1	24	0.1	11	<0.1	9.0	<0.1
303	8.3	<0.1	24	0.1	10	<0.1	8.9	<0.1
304	8.1	<0.1	23	0.1	10	<0.1	8.8	<0.1
305	7.9	<0.1	23	0.1	10	<0.1	8.7	<0.1
306	7.8	<0.1	23	0.1	10	<0.1	8.6	<0.1
307	7.7	<0.1	22	0.1	10	<0.1	8.5	<0.1
308	7.5	<0.1	22	0.1	9.9	<0.1	8.4	<0.1
309	7.4	<0.1	21	0.1	9.8	<0.1	8.3	<0.1
310	7.2	<0.1	21	0.1	9.7	<0.1	8.2	<0.1
311	7.1	<0.1	21	0.1	9.6	<0.1	8.2	<0.1
312	7.0	<0.1	20	0.1	9.5	<0.1	8.1	<0.1
313	6.9	<0.1	20	0.1	9.4	<0.1	8.0	<0.1
314	6.7	<0.1	20	0.1	9.3	<0.1	7.9	<0.1
315	6.6	<0.1	19	0.1	9.2	<0.1	7.8	<0.1
316	6.5	<0.1	19	0.1	9.1	<0.1	7.7	<0.1
317	6.4	<0.1	19	0.1	9.0	<0.1	7.6	<0.1
318	6.3	<0.1	19	0.1	8.9	<0.1	7.6	<0.1
319	6.2	<0.1	18	0.1	8.8	<0.1	7.5	<0.1
320	6.1	<0.1	18	0.1	8.7	<0.1	7.4	<0.1
321	6.0	<0.1	18	0.1	8.6	<0.1	7.3	<0.1
322	5.8	<0.1	17	0.1	8.6	<0.1	7.2	<0.1
323	5.7	<0.1	17	0.1	8.5	<0.1	7.2	<0.1
324	5.7	<0.1	17	0.1	8.4	<0.1	7.1	<0.1
325	5.6	<0.1	17	0.1	8.3	<0.1	7.0	<0.1
326	5.5	<0.1	16	0.1	8.2	<0.1	6.9	<0.1
327	5.4	<0.1	16	<0.1	8.1	<0.1	6.9	<0.1
328	5.3	<0.1	16	<0.1	8.1	<0.1	6.8	<0.1
329	5.2	<0.1	16	<0.1	8.0	<0.1	6.7	<0.1
330	5.1	<0.1	16	<0.1	7.9	<0.1	6.7	<0.1
331	5.0	<0.1	15	<0.1	7.8	<0.1	6.6	<0.1
332	5.0	<0.1	15	<0.1	7.7	<0.1	6.5	<0.1
333	4.9	<0.1	15	<0.1	7.7	<0.1	6.5	<0.1
334	4.8	<0.1	15	<0.1	7.6	<0.1	6.4	<0.1
335	4.7	<0.1	14	<0.1	7.5	<0.1	6.4	<0.1
336	4.6	<0.1	14	<0.1	7.5	<0.1	6.3	<0.1
337	4.6	<0.1	14	<0.1	7.4	<0.1	6.2	<0.1
338	4.5	<0.1	14	<0.1	7.3	<0.1	6.2	<0.1
339	4.4	<0.1	14	<0.1	7.2	<0.1	6.1	<0.1

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
340	4.4	<0.1	14	<0.1	7.2	<0.1	6.1	<0.1
341	4.3	<0.1	13	<0.1	7.1	<0.1	6.0	<0.1
342	4.2	<0.1	13	<0.1	7.0	<0.1	5.9	<0.1
343	4.2	<0.1	13	<0.1	7.0	<0.1	5.9	<0.1
344	4.1	<0.1	13	<0.1	6.9	<0.1	5.8	<0.1
345	4.0	<0.1	13	<0.1	6.9	<0.1	5.8	<0.1
346	4.0	<0.1	13	<0.1	6.8	<0.1	5.7	<0.1
347	3.9	<0.1	12	<0.1	6.7	<0.1	5.7	<0.1
348	3.9	<0.1	12	<0.1	6.7	<0.1	5.6	<0.1
349	3.8	<0.1	12	<0.1	6.6	<0.1	5.6	<0.1
350	3.7	<0.1	12	<0.1	6.5	<0.1	5.5	<0.1
351	3.7	<0.1	12	<0.1	6.5	<0.1	5.5	<0.1
352	3.6	<0.1	12	<0.1	6.4	<0.1	5.4	<0.1
353	3.6	<0.1	12	<0.1	6.4	<0.1	5.4	<0.1
354	3.5	<0.1	11	<0.1	6.3	<0.1	5.3	<0.1
355	3.5	<0.1	11	<0.1	6.3	<0.1	5.3	<0.1
356	3.4	<0.1	11	<0.1	6.2	<0.1	5.2	<0.1
357	3.4	<0.1	11	<0.1	6.2	<0.1	5.2	<0.1
358	3.3	<0.1	11	<0.1	6.1	<0.1	5.1	<0.1
359	3.3	<0.1	11	<0.1	6.1	<0.1	5.1	<0.1
360	3.2	<0.1	11	<0.1	6.0	<0.1	5.0	<0.1
361	3.2	<0.1	11	<0.1	5.9	<0.1	5.0	<0.1
362	3.1	<0.1	10	<0.1	5.9	<0.1	5.0	<0.1
363	3.1	<0.1	10	<0.1	5.8	<0.1	4.9	<0.1
364	3.1	<0.1	10	<0.1	5.8	<0.1	4.9	<0.1
365	3.0	<0.1	10	<0.1	5.8	<0.1	4.8	<0.1
366	3.0	<0.1	10	<0.1	5.7	<0.1	4.8	<0.1
367	2.9	<0.1	9.9	<0.1	5.7	<0.1	4.8	<0.1
368	2.9	<0.1	9.8	<0.1	5.6	<0.1	4.7	<0.1
369	2.8	<0.1	9.7	<0.1	5.6	<0.1	4.7	<0.1
370	2.8	<0.1	9.6	<0.1	5.5	<0.1	4.6	<0.1
371	2.8	<0.1	9.5	<0.1	5.5	<0.1	4.6	<0.1
372	2.7	<0.1	9.4	<0.1	5.4	<0.1	4.6	<0.1
373	2.7	<0.1	9.3	<0.1	5.4	<0.1	4.5	<0.1
374	2.7	<0.1	9.2	<0.1	5.3	<0.1	4.5	<0.1
375	2.6	<0.1	9.2	<0.1	5.3	<0.1	4.4	<0.1
376	2.6	<0.1	9.1	<0.1	5.3	<0.1	4.4	<0.1
377	2.6	<0.1	9.0	<0.1	5.2	<0.1	4.4	<0.1
378	2.5	<0.1	8.9	<0.1	5.2	<0.1	4.3	<0.1
379	2.5	<0.1	8.8	<0.1	5.1	<0.1	4.3	<0.1
380	2.5	<0.1	8.7	<0.1	5.1	<0.1	4.3	<0.1
381	2.4	<0.1	8.6	<0.1	5.1	<0.1	4.2	<0.1

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
382	2.4	<0.1	8.6	<0.1	5.0	<0.1	4.2	<0.1
383	2.4	<0.1	8.5	<0.1	5.0	<0.1	4.2	<0.1
384	2.3	<0.1	8.4	<0.1	4.9	<0.1	4.1	<0.1
385	2.3	<0.1	8.3	<0.1	4.9	<0.1	4.1	<0.1
386	2.3	<0.1	8.2	<0.1	4.9	<0.1	4.1	<0.1
387	2.2	<0.1	8.2	<0.1	4.8	<0.1	4.0	<0.1
388	2.2	<0.1	8.1	<0.1	4.8	<0.1	4.0	<0.1
389	2.2	<0.1	8.0	<0.1	4.7	<0.1	4.0	<0.1
390	2.2	<0.1	7.9	<0.1	4.7	<0.1	4.0	<0.1
391	2.1	<0.1	7.9	<0.1	4.7	<0.1	3.9	<0.1
392	2.1	<0.1	7.8	<0.1	4.6	<0.1	3.9	<0.1
393	2.1	<0.1	7.7	<0.1	4.6	<0.1	3.9	<0.1
394	2.0	<0.1	7.7	<0.1	4.6	<0.1	3.8	<0.1
395	2.0	<0.1	7.6	<0.1	4.5	<0.1	3.8	<0.1
396	2.0	<0.1	7.5	<0.1	4.5	<0.1	3.8	<0.1
397	2.0	<0.1	7.5	<0.1	4.5	<0.1	3.7	<0.1
398	1.9	<0.1	7.4	<0.1	4.4	<0.1	3.7	<0.1
399	1.9	<0.1	7.3	<0.1	4.4	<0.1	3.7	<0.1
400	1.9	<0.1	7.3	<0.1	4.4	<0.1	3.7	<0.1
401	1.9	<0.1	7.2	<0.1	4.3	<0.1	3.6	<0.1
402	1.9	<0.1	7.1	<0.1	4.3	<0.1	3.6	<0.1
403	1.8	<0.1	7.1	<0.1	4.3	<0.1	3.6	<0.1
404	1.8	<0.1	7.0	<0.1	4.2	<0.1	3.6	<0.1
405	1.8	<0.1	7.0	<0.1	4.2	<0.1	3.5	<0.1
406	1.8	<0.1	6.9	<0.1	4.2	<0.1	3.5	<0.1
407	1.7	<0.1	6.8	<0.1	4.2	<0.1	3.5	<0.1
408	1.7	<0.1	6.8	<0.1	4.1	<0.1	3.5	<0.1
409	1.7	<0.1	6.7	<0.1	4.1	<0.1	3.4	<0.1
410	1.7	<0.1	6.7	<0.1	4.1	<0.1	3.4	<0.1
411	1.7	<0.1	6.6	<0.1	4.0	<0.1	3.4	<0.1
412	1.6	<0.1	6.6	<0.1	4.0	<0.1	3.4	<0.1
413	1.6	<0.1	6.5	<0.1	4.0	<0.1	3.3	<0.1
414	1.6	<0.1	6.5	<0.1	4.0	<0.1	3.3	<0.1
415	1.6	<0.1	6.4	<0.1	3.9	<0.1	3.3	<0.1
416	1.6	<0.1	6.4	<0.1	3.9	<0.1	3.3	<0.1
417	1.5	<0.1	6.3	<0.1	3.9	<0.1	3.2	<0.1
418	1.5	<0.1	6.3	<0.1	3.8	<0.1	3.2	<0.1
419	1.5	<0.1	6.2	<0.1	3.8	<0.1	3.2	<0.1
420	1.5	<0.1	6.2	<0.1	3.8	<0.1	3.2	<0.1
421	1.5	<0.1	6.1	<0.1	3.8	<0.1	3.2	<0.1
422	1.5	<0.1	6.1	<0.1	3.7	<0.1	3.1	<0.1
423	1.4	<0.1	6.0	<0.1	3.7	<0.1	3.1	<0.1

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
424	1.4	<0.1	6.0	<0.1	3.7	<0.1	3.1	<0.1
425	1.4	<0.1	5.9	<0.1	3.7	<0.1	3.1	<0.1
426	1.4	<0.1	5.9	<0.1	3.6	<0.1	3.1	<0.1
427	1.4	<0.1	5.8	<0.1	3.6	<0.1	3.0	<0.1
428	1.4	<0.1	5.8	<0.1	3.6	<0.1	3.0	<0.1
429	1.3	<0.1	5.8	<0.1	3.6	<0.1	3.0	<0.1
430	1.3	<0.1	5.7	<0.1	3.5	<0.1	3.0	<0.1
431	1.3	<0.1	5.7	<0.1	3.5	<0.1	3.0	<0.1
432	1.3	<0.1	5.6	<0.1	3.5	<0.1	2.9	<0.1
433	1.3	<0.1	5.6	<0.1	3.5	<0.1	2.9	<0.1
434	1.3	<0.1	5.5	<0.1	3.5	<0.1	2.9	<0.1
435	1.3	<0.1	5.5	<0.1	3.4	<0.1	2.9	<0.1
436	1.2	<0.1	5.5	<0.1	3.4	<0.1	2.9	<0.1
437	1.2	<0.1	5.4	<0.1	3.4	<0.1	2.8	<0.1
438	1.2	<0.1	5.4	<0.1	3.4	<0.1	2.8	<0.1
439	1.2	<0.1	5.3	<0.1	3.3	<0.1	2.8	<0.1
440	1.2	<0.1	5.3	<0.1	3.3	<0.1	2.8	<0.1
441	1.2	<0.1	5.3	<0.1	3.3	<0.1	2.8	<0.1
442	1.2	<0.1	5.2	<0.1	3.3	<0.1	2.8	<0.1
443	1.1	<0.1	5.2	<0.1	3.3	<0.1	2.7	<0.1
444	1.1	<0.1	5.2	<0.1	3.2	<0.1	2.7	<0.1
445	1.1	<0.1	5.1	<0.1	3.2	<0.1	2.7	<0.1
446	1.1	<0.1	5.1	<0.1	3.2	<0.1	2.7	<0.1
447	1.1	<0.1	5.1	<0.1	3.2	<0.1	2.7	<0.1
448	1.1	<0.1	5.0	<0.1	3.2	<0.1	2.6	<0.1
449	1.1	<0.1	5.0	<0.1	3.1	<0.1	2.6	<0.1
450	1.1	<0.1	4.9	<0.1	3.1	<0.1	2.6	<0.1
451	1.0	<0.1	4.9	<0.1	3.1	<0.1	2.6	<0.1
452	1.0	<0.1	4.9	<0.1	3.1	<0.1	2.6	<0.1
453	1.0	<0.1	4.9	<0.1	3.1	<0.1	2.6	<0.1
454	1.0	<0.1	4.8	<0.1	3.0	<0.1	2.6	<0.1
455	1.0	<0.1	4.8	<0.1	3.0	<0.1	2.5	<0.1
456	1.0	<0.1	4.8	<0.1	3.0	<0.1	2.5	<0.1
457	1.0	<0.1	4.7	<0.1	3.0	<0.1	2.5	<0.1
458	1.0	<0.1	4.7	<0.1	3.0	<0.1	2.5	<0.1
459	1.0	<0.1	4.7	<0.1	3.0	<0.1	2.5	<0.1
460	0.9	<0.1	4.6	<0.1	2.9	<0.1	2.5	<0.1
461	0.9	<0.1	4.6	<0.1	2.9	<0.1	2.4	<0.1
462	0.9	<0.1	4.6	<0.1	2.9	<0.1	2.4	<0.1
463	0.9	<0.1	4.5	<0.1	2.9	<0.1	2.4	<0.1
464	0.9	<0.1	4.5	<0.1	2.9	<0.1	2.4	<0.1
465	0.9	<0.1	4.5	<0.1	2.9	<0.1	2.4	<0.1

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Table D-5 – Continued from previous page

Dist (feet)	XS-J-3 Existing Magnetic Field Maximum (mG)	XS-J-3 Existing Electric Field Resultant (kV/m)	XS-J-3 Proposed Magnetic Field Maximum (mG)	XS-J-3 Proposed Electric Field Resultant (kV/m)	XS-949-1 Existing Magnetic Field Maximum (mG)	XS-949-1 Existing Electric Field Resultant (kV/m)	XS-949-1 Proposed Magnetic Field Maximum (mG)	XS-949-1 Proposed Electric Field Resultant (kV/m)
466	0.9	<0.1	4.5	<0.1	2.8	<0.1	2.4	<0.1
467	0.9	<0.1	4.4	<0.1	2.8	<0.1	2.4	<0.1
468	0.9	<0.1	4.4	<0.1	2.8	<0.1	2.3	<0.1
469	0.9	<0.1	4.4	<0.1	2.8	<0.1	2.3	<0.1
470	0.8	<0.1	4.3	<0.1	2.8	<0.1	2.3	<0.1
471	0.8	<0.1	4.3	<0.1	2.8	<0.1	2.3	<0.1
472	0.8	<0.1	4.3	<0.1	2.7	<0.1	2.3	<0.1
473	0.8	<0.1	4.3	<0.1	2.7	<0.1	2.3	<0.1
474	0.8	<0.1	4.2	<0.1	2.7	<0.1	2.3	<0.1
475	0.8	<0.1	4.2	<0.1	2.7	<0.1	2.3	<0.1
476	0.8	<0.1	4.2	<0.1	2.7	<0.1	2.2	<0.1
477	0.8	<0.1	4.2	<0.1	2.7	<0.1	2.2	<0.1
478	0.8	<0.1	4.1	<0.1	2.6	<0.1	2.2	<0.1
479	0.8	<0.1	4.1	<0.1	2.6	<0.1	2.2	<0.1
480	0.8	<0.1	4.1	<0.1	2.6	<0.1	2.2	<0.1
481	0.8	<0.1	4.1	<0.1	2.6	<0.1	2.2	<0.1
482	0.7	<0.1	4.0	<0.1	2.6	<0.1	2.2	<0.1
483	0.7	<0.1	4.0	<0.1	2.6	<0.1	2.2	<0.1
484	0.7	<0.1	4.0	<0.1	2.6	<0.1	2.1	<0.1
485	0.7	<0.1	4.0	<0.1	2.5	<0.1	2.1	<0.1
486	0.7	<0.1	3.9	<0.1	2.5	<0.1	2.1	<0.1
487	0.7	<0.1	3.9	<0.1	2.5	<0.1	2.1	<0.1
488	0.7	<0.1	3.9	<0.1	2.5	<0.1	2.1	<0.1
489	0.7	<0.1	3.9	<0.1	2.5	<0.1	2.1	<0.1
490	0.7	<0.1	3.8	<0.1	2.5	<0.1	2.1	<0.1
491	0.7	<0.1	3.8	<0.1	2.5	<0.1	2.1	<0.1
492	0.7	<0.1	3.8	<0.1	2.4	<0.1	2.1	<0.1
493	0.7	<0.1	3.8	<0.1	2.4	<0.1	2.0	<0.1
494	0.7	<0.1	3.8	<0.1	2.4	<0.1	2.0	<0.1
495	0.7	<0.1	3.7	<0.1	2.4	<0.1	2.0	<0.1
496	0.6	<0.1	3.7	<0.1	2.4	<0.1	2.0	<0.1
497	0.6	<0.1	3.7	<0.1	2.4	<0.1	2.0	<0.1
498	0.6	<0.1	3.7	<0.1	2.4	<0.1	2.0	<0.1
499	0.6	<0.1	3.7	<0.1	2.4	<0.1	2.0	<0.1
500	0.6	<0.1	3.6	<0.1	2.3	<0.1	2.0	<0.1

Table D-6. Calculated EMF levels for XS-949-2 through XS-949-3

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
-500	1.4	<0.1	0.9	<0.1	1.9	<0.1	0.9	<0.1
-499	1.4	<0.1	0.9	<0.1	1.9	<0.1	0.9	<0.1
-498	1.4	<0.1	0.9	<0.1	1.9	<0.1	0.9	<0.1
-497	1.4	<0.1	0.9	<0.1	1.9	<0.1	0.9	<0.1
-496	1.4	<0.1	0.9	<0.1	1.9	<0.1	0.9	<0.1
-495	1.4	<0.1	0.9	<0.1	1.9	<0.1	0.9	<0.1
-494	1.4	<0.1	0.9	<0.1	1.9	<0.1	0.9	<0.1
-493	1.4	<0.1	0.9	<0.1	1.9	<0.1	1.0	<0.1
-492	1.4	<0.1	0.9	<0.1	1.9	<0.1	1.0	<0.1
-491	1.4	<0.1	0.9	<0.1	1.9	<0.1	1.0	<0.1
-490	1.4	<0.1	0.9	<0.1	1.9	<0.1	1.0	<0.1
-489	1.4	<0.1	0.9	<0.1	1.9	<0.1	1.0	<0.1
-488	1.4	<0.1	0.9	<0.1	2.0	<0.1	1.0	<0.1
-487	1.5	<0.1	0.9	<0.1	2.0	<0.1	1.0	<0.1
-486	1.5	<0.1	0.9	<0.1	2.0	<0.1	1.0	<0.1
-485	1.5	<0.1	0.9	<0.1	2.0	<0.1	1.0	<0.1
-484	1.5	<0.1	0.9	<0.1	2.0	<0.1	1.0	<0.1
-483	1.5	<0.1	0.9	<0.1	2.0	<0.1	1.0	<0.1
-482	1.5	<0.1	0.9	<0.1	2.0	<0.1	1.0	<0.1
-481	1.5	<0.1	0.9	<0.1	2.0	<0.1	1.0	<0.1
-480	1.5	<0.1	0.9	<0.1	2.0	<0.1	1.0	<0.1
-479	1.5	<0.1	0.9	<0.1	2.0	<0.1	1.0	<0.1
-478	1.5	<0.1	1.0	<0.1	2.0	<0.1	1.0	<0.1
-477	1.5	<0.1	1.0	<0.1	2.0	<0.1	1.0	<0.1
-476	1.5	<0.1	1.0	<0.1	2.1	<0.1	1.0	<0.1
-475	1.5	<0.1	1.0	<0.1	2.1	<0.1	1.0	<0.1
-474	1.5	<0.1	1.0	<0.1	2.1	<0.1	1.0	<0.1
-473	1.5	<0.1	1.0	<0.1	2.1	<0.1	1.0	<0.1
-472	1.5	<0.1	1.0	<0.1	2.1	<0.1	1.0	<0.1
-471	1.5	<0.1	1.0	<0.1	2.1	<0.1	1.0	<0.1
-470	1.6	<0.1	1.0	<0.1	2.1	<0.1	1.0	<0.1
-469	1.6	<0.1	1.0	<0.1	2.1	<0.1	1.1	<0.1
-468	1.6	<0.1	1.0	<0.1	2.1	<0.1	1.1	<0.1
-467	1.6	<0.1	1.0	<0.1	2.1	<0.1	1.1	<0.1
-466	1.6	<0.1	1.0	<0.1	2.1	<0.1	1.1	<0.1
-465	1.6	<0.1	1.0	<0.1	2.1	<0.1	1.1	<0.1
-464	1.6	<0.1	1.0	<0.1	2.2	<0.1	1.1	<0.1
-463	1.6	<0.1	1.0	<0.1	2.2	<0.1	1.1	<0.1
-462	1.6	<0.1	1.0	<0.1	2.2	<0.1	1.1	<0.1
-461	1.6	<0.1	1.0	<0.1	2.2	<0.1	1.1	<0.1
-460	1.6	<0.1	1.0	<0.1	2.2	<0.1	1.1	<0.1
-459	1.6	<0.1	1.0	<0.1	2.2	<0.1	1.1	<0.1

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
-458	1.6	<0.1	1.0	<0.1	2.2	<0.1	1.1	<0.1
-457	1.6	<0.1	1.0	<0.1	2.2	<0.1	1.1	<0.1
-456	1.6	<0.1	1.0	<0.1	2.2	<0.1	1.1	<0.1
-455	1.7	<0.1	1.0	<0.1	2.2	<0.1	1.1	<0.1
-454	1.7	<0.1	1.1	<0.1	2.3	<0.1	1.1	<0.1
-453	1.7	<0.1	1.1	<0.1	2.3	<0.1	1.1	<0.1
-452	1.7	<0.1	1.1	<0.1	2.3	<0.1	1.1	<0.1
-451	1.7	<0.1	1.1	<0.1	2.3	<0.1	1.1	<0.1
-450	1.7	<0.1	1.1	<0.1	2.3	<0.1	1.1	<0.1
-449	1.7	<0.1	1.1	<0.1	2.3	<0.1	1.2	<0.1
-448	1.7	<0.1	1.1	<0.1	2.3	<0.1	1.2	<0.1
-447	1.7	<0.1	1.1	<0.1	2.3	<0.1	1.2	<0.1
-446	1.7	<0.1	1.1	<0.1	2.3	<0.1	1.2	<0.1
-445	1.7	<0.1	1.1	<0.1	2.3	<0.1	1.2	<0.1
-444	1.7	<0.1	1.1	<0.1	2.4	<0.1	1.2	<0.1
-443	1.7	<0.1	1.1	<0.1	2.4	<0.1	1.2	<0.1
-442	1.7	<0.1	1.1	<0.1	2.4	<0.1	1.2	<0.1
-441	1.8	<0.1	1.1	<0.1	2.4	<0.1	1.2	<0.1
-440	1.8	<0.1	1.1	<0.1	2.4	<0.1	1.2	<0.1
-439	1.8	<0.1	1.1	<0.1	2.4	<0.1	1.2	<0.1
-438	1.8	<0.1	1.1	<0.1	2.4	<0.1	1.2	<0.1
-437	1.8	<0.1	1.1	<0.1	2.4	<0.1	1.2	<0.1
-436	1.8	<0.1	1.1	<0.1	2.4	<0.1	1.2	<0.1
-435	1.8	<0.1	1.1	<0.1	2.5	<0.1	1.2	<0.1
-434	1.8	<0.1	1.1	<0.1	2.5	<0.1	1.2	<0.1
-433	1.8	<0.1	1.2	<0.1	2.5	<0.1	1.2	<0.1
-432	1.8	<0.1	1.2	<0.1	2.5	<0.1	1.2	<0.1
-431	1.8	<0.1	1.2	<0.1	2.5	<0.1	1.3	<0.1
-430	1.8	<0.1	1.2	<0.1	2.5	<0.1	1.3	<0.1
-429	1.8	<0.1	1.2	<0.1	2.5	<0.1	1.3	<0.1
-428	1.9	<0.1	1.2	<0.1	2.5	<0.1	1.3	<0.1
-427	1.9	<0.1	1.2	<0.1	2.5	<0.1	1.3	<0.1
-426	1.9	<0.1	1.2	<0.1	2.6	<0.1	1.3	<0.1
-425	1.9	<0.1	1.2	<0.1	2.6	<0.1	1.3	<0.1
-424	1.9	<0.1	1.2	<0.1	2.6	<0.1	1.3	<0.1
-423	1.9	<0.1	1.2	<0.1	2.6	<0.1	1.3	<0.1
-422	1.9	<0.1	1.2	<0.1	2.6	<0.1	1.3	<0.1
-421	1.9	<0.1	1.2	<0.1	2.6	<0.1	1.3	<0.1
-420	1.9	<0.1	1.2	<0.1	2.6	<0.1	1.3	<0.1
-419	1.9	<0.1	1.2	<0.1	2.6	<0.1	1.3	<0.1
-418	1.9	<0.1	1.2	<0.1	2.7	<0.1	1.3	<0.1
-417	2.0	<0.1	1.2	<0.1	2.7	<0.1	1.3	<0.1

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
-416	2.0	<0.1	1.2	<0.1	2.7	<0.1	1.3	<0.1
-415	2.0	<0.1	1.3	<0.1	2.7	<0.1	1.4	<0.1
-414	2.0	<0.1	1.3	<0.1	2.7	<0.1	1.4	<0.1
-413	2.0	<0.1	1.3	<0.1	2.7	<0.1	1.4	<0.1
-412	2.0	<0.1	1.3	<0.1	2.7	<0.1	1.4	<0.1
-411	2.0	<0.1	1.3	<0.1	2.7	<0.1	1.4	<0.1
-410	2.0	<0.1	1.3	<0.1	2.8	<0.1	1.4	<0.1
-409	2.0	<0.1	1.3	<0.1	2.8	<0.1	1.4	<0.1
-408	2.0	<0.1	1.3	<0.1	2.8	<0.1	1.4	<0.1
-407	2.0	<0.1	1.3	<0.1	2.8	<0.1	1.4	<0.1
-406	2.1	<0.1	1.3	<0.1	2.8	<0.1	1.4	<0.1
-405	2.1	<0.1	1.3	<0.1	2.8	<0.1	1.4	<0.1
-404	2.1	<0.1	1.3	<0.1	2.8	<0.1	1.4	<0.1
-403	2.1	<0.1	1.3	<0.1	2.9	<0.1	1.4	<0.1
-402	2.1	<0.1	1.3	<0.1	2.9	<0.1	1.4	<0.1
-401	2.1	<0.1	1.3	<0.1	2.9	<0.1	1.4	<0.1
-400	2.1	<0.1	1.3	<0.1	2.9	<0.1	1.5	<0.1
-399	2.1	<0.1	1.4	<0.1	2.9	<0.1	1.5	<0.1
-398	2.1	<0.1	1.4	<0.1	2.9	<0.1	1.5	<0.1
-397	2.1	<0.1	1.4	<0.1	2.9	<0.1	1.5	<0.1
-396	2.2	<0.1	1.4	<0.1	3.0	<0.1	1.5	<0.1
-395	2.2	<0.1	1.4	<0.1	3.0	<0.1	1.5	<0.1
-394	2.2	<0.1	1.4	<0.1	3.0	<0.1	1.5	<0.1
-393	2.2	<0.1	1.4	<0.1	3.0	<0.1	1.5	<0.1
-392	2.2	<0.1	1.4	<0.1	3.0	<0.1	1.5	<0.1
-391	2.2	<0.1	1.4	<0.1	3.0	<0.1	1.5	<0.1
-390	2.2	<0.1	1.4	<0.1	3.0	<0.1	1.5	<0.1
-389	2.2	<0.1	1.4	<0.1	3.1	<0.1	1.5	<0.1
-388	2.2	<0.1	1.4	<0.1	3.1	<0.1	1.6	<0.1
-387	2.2	<0.1	1.4	<0.1	3.1	<0.1	1.6	<0.1
-386	2.3	<0.1	1.4	<0.1	3.1	<0.1	1.6	<0.1
-385	2.3	<0.1	1.5	<0.1	3.1	<0.1	1.6	<0.1
-384	2.3	<0.1	1.5	<0.1	3.1	<0.1	1.6	<0.1
-383	2.3	<0.1	1.5	<0.1	3.2	<0.1	1.6	<0.1
-382	2.3	<0.1	1.5	<0.1	3.2	<0.1	1.6	<0.1
-381	2.3	<0.1	1.5	<0.1	3.2	<0.1	1.6	<0.1
-380	2.3	<0.1	1.5	<0.1	3.2	<0.1	1.6	<0.1
-379	2.3	<0.1	1.5	<0.1	3.2	<0.1	1.6	<0.1
-378	2.3	<0.1	1.5	<0.1	3.2	<0.1	1.6	<0.1
-377	2.4	<0.1	1.5	<0.1	3.3	<0.1	1.6	<0.1
-376	2.4	<0.1	1.5	<0.1	3.3	<0.1	1.7	<0.1
-375	2.4	<0.1	1.5	<0.1	3.3	<0.1	1.7	<0.1

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
-374	2.4	<0.1	1.5	<0.1	3.3	<0.1	1.7	<0.1
-373	2.4	<0.1	1.5	<0.1	3.3	<0.1	1.7	<0.1
-372	2.4	<0.1	1.6	<0.1	3.3	<0.1	1.7	<0.1
-371	2.4	<0.1	1.6	<0.1	3.4	<0.1	1.7	<0.1
-370	2.4	<0.1	1.6	<0.1	3.4	<0.1	1.7	<0.1
-369	2.5	<0.1	1.6	<0.1	3.4	<0.1	1.7	<0.1
-368	2.5	<0.1	1.6	<0.1	3.4	<0.1	1.7	<0.1
-367	2.5	<0.1	1.6	<0.1	3.4	<0.1	1.7	<0.1
-366	2.5	<0.1	1.6	<0.1	3.5	<0.1	1.8	<0.1
-365	2.5	<0.1	1.6	<0.1	3.5	<0.1	1.8	<0.1
-364	2.5	<0.1	1.6	<0.1	3.5	<0.1	1.8	<0.1
-363	2.5	<0.1	1.6	<0.1	3.5	<0.1	1.8	<0.1
-362	2.5	<0.1	1.6	<0.1	3.5	<0.1	1.8	<0.1
-361	2.6	<0.1	1.7	<0.1	3.6	<0.1	1.8	<0.1
-360	2.6	<0.1	1.7	<0.1	3.6	<0.1	1.8	<0.1
-359	2.6	<0.1	1.7	<0.1	3.6	<0.1	1.8	<0.1
-358	2.6	<0.1	1.7	<0.1	3.6	<0.1	1.8	<0.1
-357	2.6	<0.1	1.7	<0.1	3.6	<0.1	1.8	<0.1
-356	2.6	<0.1	1.7	<0.1	3.7	<0.1	1.9	<0.1
-355	2.6	<0.1	1.7	<0.1	3.7	<0.1	1.9	<0.1
-354	2.7	<0.1	1.7	<0.1	3.7	<0.1	1.9	<0.1
-353	2.7	<0.1	1.7	<0.1	3.7	<0.1	1.9	<0.1
-352	2.7	<0.1	1.7	<0.1	3.7	<0.1	1.9	<0.1
-351	2.7	<0.1	1.7	<0.1	3.8	<0.1	1.9	<0.1
-350	2.7	<0.1	1.8	<0.1	3.8	<0.1	1.9	<0.1
-349	2.7	<0.1	1.8	<0.1	3.8	<0.1	1.9	<0.1
-348	2.7	<0.1	1.8	<0.1	3.8	<0.1	1.9	<0.1
-347	2.8	<0.1	1.8	<0.1	3.8	<0.1	2.0	<0.1
-346	2.8	<0.1	1.8	<0.1	3.9	<0.1	2.0	<0.1
-345	2.8	<0.1	1.8	<0.1	3.9	<0.1	2.0	<0.1
-344	2.8	<0.1	1.8	<0.1	3.9	<0.1	2.0	<0.1
-343	2.8	<0.1	1.8	<0.1	3.9	<0.1	2.0	<0.1
-342	2.8	<0.1	1.8	<0.1	4.0	<0.1	2.0	<0.1
-341	2.9	<0.1	1.8	<0.1	4.0	<0.1	2.0	<0.1
-340	2.9	<0.1	1.9	<0.1	4.0	<0.1	2.0	<0.1
-339	2.9	<0.1	1.9	<0.1	4.0	<0.1	2.1	<0.1
-338	2.9	<0.1	1.9	<0.1	4.1	<0.1	2.1	<0.1
-337	2.9	<0.1	1.9	<0.1	4.1	<0.1	2.1	<0.1
-336	2.9	<0.1	1.9	<0.1	4.1	<0.1	2.1	<0.1
-335	2.9	<0.1	1.9	<0.1	4.1	<0.1	2.1	<0.1
-334	3.0	<0.1	1.9	<0.1	4.2	<0.1	2.1	<0.1
-333	3.0	<0.1	1.9	<0.1	4.2	<0.1	2.1	<0.1

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
-332	3.0	<0.1	1.9	<0.1	4.2	<0.1	2.1	<0.1
-331	3.0	<0.1	2.0	<0.1	4.2	<0.1	2.2	<0.1
-330	3.0	<0.1	2.0	<0.1	4.3	<0.1	2.2	<0.1
-329	3.1	<0.1	2.0	<0.1	4.3	<0.1	2.2	<0.1
-328	3.1	<0.1	2.0	<0.1	4.3	<0.1	2.2	<0.1
-327	3.1	<0.1	2.0	<0.1	4.3	<0.1	2.2	<0.1
-326	3.1	<0.1	2.0	<0.1	4.4	<0.1	2.2	<0.1
-325	3.1	<0.1	2.0	<0.1	4.4	<0.1	2.2	<0.1
-324	3.1	<0.1	2.0	<0.1	4.4	<0.1	2.3	<0.1
-323	3.2	<0.1	2.1	<0.1	4.4	<0.1	2.3	<0.1
-322	3.2	<0.1	2.1	<0.1	4.5	<0.1	2.3	<0.1
-321	3.2	<0.1	2.1	<0.1	4.5	<0.1	2.3	<0.1
-320	3.2	<0.1	2.1	<0.1	4.5	<0.1	2.3	<0.1
-319	3.2	<0.1	2.1	<0.1	4.6	<0.1	2.3	<0.1
-318	3.3	<0.1	2.1	<0.1	4.6	<0.1	2.3	<0.1
-317	3.3	<0.1	2.1	<0.1	4.6	<0.1	2.4	<0.1
-316	3.3	<0.1	2.1	<0.1	4.6	<0.1	2.4	<0.1
-315	3.3	<0.1	2.2	<0.1	4.7	<0.1	2.4	<0.1
-314	3.3	<0.1	2.2	<0.1	4.7	<0.1	2.4	<0.1
-313	3.4	<0.1	2.2	<0.1	4.7	<0.1	2.4	<0.1
-312	3.4	<0.1	2.2	<0.1	4.8	<0.1	2.4	<0.1
-311	3.4	<0.1	2.2	<0.1	4.8	<0.1	2.5	<0.1
-310	3.4	<0.1	2.2	<0.1	4.8	<0.1	2.5	<0.1
-309	3.4	<0.1	2.2	<0.1	4.9	<0.1	2.5	<0.1
-308	3.5	<0.1	2.3	<0.1	4.9	<0.1	2.5	<0.1
-307	3.5	<0.1	2.3	<0.1	4.9	<0.1	2.5	<0.1
-306	3.5	<0.1	2.3	<0.1	5.0	<0.1	2.5	<0.1
-305	3.5	<0.1	2.3	<0.1	5.0	<0.1	2.6	<0.1
-304	3.5	<0.1	2.3	<0.1	5.0	<0.1	2.6	<0.1
-303	3.6	<0.1	2.3	<0.1	5.1	<0.1	2.6	<0.1
-302	3.6	<0.1	2.3	<0.1	5.1	<0.1	2.6	<0.1
-301	3.6	<0.1	2.4	<0.1	5.1	<0.1	2.6	<0.1
-300	3.6	<0.1	2.4	<0.1	5.2	<0.1	2.7	<0.1
-299	3.7	<0.1	2.4	<0.1	5.2	<0.1	2.7	<0.1
-298	3.7	<0.1	2.4	<0.1	5.2	<0.1	2.7	<0.1
-297	3.7	<0.1	2.4	<0.1	5.3	<0.1	2.7	<0.1
-296	3.7	<0.1	2.4	<0.1	5.3	<0.1	2.7	<0.1
-295	3.8	<0.1	2.5	<0.1	5.3	<0.1	2.7	<0.1
-294	3.8	<0.1	2.5	<0.1	5.4	<0.1	2.8	<0.1
-293	3.8	<0.1	2.5	<0.1	5.4	<0.1	2.8	<0.1
-292	3.8	<0.1	2.5	<0.1	5.4	<0.1	2.8	<0.1
-291	3.8	<0.1	2.5	<0.1	5.5	<0.1	2.8	<0.1

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
-290	3.9	<0.1	2.5	<0.1	5.5	<0.1	2.8	<0.1
-289	3.9	<0.1	2.6	<0.1	5.6	<0.1	2.9	<0.1
-288	3.9	<0.1	2.6	<0.1	5.6	<0.1	2.9	<0.1
-287	4.0	<0.1	2.6	<0.1	5.6	<0.1	2.9	<0.1
-286	4.0	<0.1	2.6	<0.1	5.7	<0.1	2.9	<0.1
-285	4.0	<0.1	2.6	<0.1	5.7	<0.1	3.0	<0.1
-284	4.0	<0.1	2.7	<0.1	5.8	<0.1	3.0	<0.1
-283	4.1	<0.1	2.7	<0.1	5.8	<0.1	3.0	<0.1
-282	4.1	<0.1	2.7	<0.1	5.8	<0.1	3.0	<0.1
-281	4.1	<0.1	2.7	<0.1	5.9	<0.1	3.0	<0.1
-280	4.1	<0.1	2.7	<0.1	5.9	<0.1	3.1	<0.1
-279	4.2	<0.1	2.7	<0.1	6.0	<0.1	3.1	<0.1
-278	4.2	<0.1	2.8	<0.1	6.0	<0.1	3.1	<0.1
-277	4.2	<0.1	2.8	<0.1	6.1	<0.1	3.1	<0.1
-276	4.3	<0.1	2.8	<0.1	6.1	<0.1	3.2	<0.1
-275	4.3	<0.1	2.8	<0.1	6.1	<0.1	3.2	<0.1
-274	4.3	<0.1	2.8	<0.1	6.2	<0.1	3.2	<0.1
-273	4.3	<0.1	2.9	<0.1	6.2	<0.1	3.2	<0.1
-272	4.4	<0.1	2.9	<0.1	6.3	<0.1	3.3	<0.1
-271	4.4	<0.1	2.9	<0.1	6.3	<0.1	3.3	<0.1
-270	4.4	<0.1	2.9	<0.1	6.4	<0.1	3.3	<0.1
-269	4.5	<0.1	3.0	<0.1	6.4	<0.1	3.3	<0.1
-268	4.5	<0.1	3.0	<0.1	6.5	<0.1	3.4	<0.1
-267	4.5	<0.1	3.0	<0.1	6.5	<0.1	3.4	<0.1
-266	4.6	<0.1	3.0	<0.1	6.6	<0.1	3.4	<0.1
-265	4.6	<0.1	3.0	<0.1	6.6	<0.1	3.4	<0.1
-264	4.6	<0.1	3.1	<0.1	6.7	<0.1	3.5	<0.1
-263	4.7	<0.1	3.1	<0.1	6.7	<0.1	3.5	<0.1
-262	4.7	<0.1	3.1	<0.1	6.8	<0.1	3.5	<0.1
-261	4.7	<0.1	3.1	<0.1	6.8	<0.1	3.6	<0.1
-260	4.8	<0.1	3.2	<0.1	6.9	<0.1	3.6	<0.1
-259	4.8	<0.1	3.2	<0.1	6.9	<0.1	3.6	<0.1
-258	4.8	<0.1	3.2	<0.1	7.0	<0.1	3.7	<0.1
-257	4.9	<0.1	3.2	<0.1	7.1	<0.1	3.7	<0.1
-256	4.9	<0.1	3.3	<0.1	7.1	<0.1	3.7	<0.1
-255	4.9	<0.1	3.3	<0.1	7.2	<0.1	3.7	<0.1
-254	5.0	<0.1	3.3	<0.1	7.2	<0.1	3.8	<0.1
-253	5.0	<0.1	3.3	<0.1	7.3	<0.1	3.8	<0.1
-252	5.1	<0.1	3.4	<0.1	7.3	<0.1	3.8	<0.1
-251	5.1	<0.1	3.4	<0.1	7.4	<0.1	3.9	<0.1
-250	5.1	<0.1	3.4	<0.1	7.5	<0.1	3.9	<0.1
-249	5.2	<0.1	3.4	<0.1	7.5	<0.1	3.9	<0.1

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
-248	5.2	<0.1	3.5	<0.1	7.6	<0.1	4.0	<0.1
-247	5.3	<0.1	3.5	<0.1	7.7	<0.1	4.0	<0.1
-246	5.3	<0.1	3.5	<0.1	7.7	<0.1	4.0	<0.1
-245	5.3	<0.1	3.6	<0.1	7.8	<0.1	4.1	<0.1
-244	5.4	<0.1	3.6	<0.1	7.8	<0.1	4.1	<0.1
-243	5.4	<0.1	3.6	<0.1	7.9	<0.1	4.2	<0.1
-242	5.5	<0.1	3.6	<0.1	8.0	<0.1	4.2	<0.1
-241	5.5	<0.1	3.7	<0.1	8.0	<0.1	4.2	<0.1
-240	5.6	<0.1	3.7	<0.1	8.1	<0.1	4.3	<0.1
-239	5.6	<0.1	3.7	<0.1	8.2	<0.1	4.3	<0.1
-238	5.6	<0.1	3.8	<0.1	8.3	<0.1	4.3	<0.1
-237	5.7	<0.1	3.8	<0.1	8.3	<0.1	4.4	<0.1
-236	5.7	<0.1	3.8	<0.1	8.4	<0.1	4.4	<0.1
-235	5.8	<0.1	3.9	<0.1	8.5	<0.1	4.5	<0.1
-234	5.8	<0.1	3.9	<0.1	8.6	<0.1	4.5	<0.1
-233	5.9	<0.1	3.9	<0.1	8.6	<0.1	4.6	<0.1
-232	5.9	<0.1	4.0	<0.1	8.7	<0.1	4.6	<0.1
-231	6.0	<0.1	4.0	<0.1	8.8	<0.1	4.6	<0.1
-230	6.0	<0.1	4.0	<0.1	8.9	<0.1	4.7	<0.1
-229	6.1	<0.1	4.1	<0.1	8.9	<0.1	4.7	<0.1
-228	6.1	<0.1	4.1	<0.1	9.0	<0.1	4.8	<0.1
-227	6.2	<0.1	4.1	<0.1	9.1	<0.1	4.8	<0.1
-226	6.2	<0.1	4.2	<0.1	9.2	<0.1	4.9	<0.1
-225	6.3	<0.1	4.2	<0.1	9.3	<0.1	4.9	<0.1
-224	6.3	<0.1	4.3	<0.1	9.4	<0.1	5.0	<0.1
-223	6.4	<0.1	4.3	<0.1	9.4	<0.1	5.0	<0.1
-222	6.5	<0.1	4.3	<0.1	9.5	<0.1	5.1	<0.1
-221	6.5	<0.1	4.4	<0.1	9.6	<0.1	5.1	<0.1
-220	6.6	<0.1	4.4	<0.1	9.7	<0.1	5.2	<0.1
-219	6.6	<0.1	4.5	<0.1	9.8	<0.1	5.2	<0.1
-218	6.7	<0.1	4.5	<0.1	9.9	<0.1	5.3	<0.1
-217	6.7	<0.1	4.5	<0.1	10.0	<0.1	5.3	<0.1
-216	6.8	<0.1	4.6	<0.1	10	<0.1	5.4	<0.1
-215	6.9	<0.1	4.6	<0.1	10	<0.1	5.4	<0.1
-214	6.9	<0.1	4.7	<0.1	10	<0.1	5.5	<0.1
-213	7.0	<0.1	4.7	<0.1	10	<0.1	5.5	<0.1
-212	7.1	<0.1	4.8	<0.1	10	<0.1	5.6	<0.1
-211	7.1	<0.1	4.8	<0.1	11	<0.1	5.7	<0.1
-210	7.2	<0.1	4.9	<0.1	11	<0.1	5.7	<0.1
-209	7.3	<0.1	4.9	<0.1	11	<0.1	5.8	<0.1
-208	7.3	<0.1	4.9	<0.1	11	<0.1	5.8	<0.1
-207	7.4	<0.1	5.0	<0.1	11	<0.1	5.9	<0.1

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
-206	7.5	<0.1	5.0	<0.1	11	<0.1	6.0	<0.1
-205	7.5	<0.1	5.1	<0.1	11	<0.1	6.0	<0.1
-204	7.6	<0.1	5.1	<0.1	11	<0.1	6.1	<0.1
-203	7.7	<0.1	5.2	<0.1	11	<0.1	6.2	<0.1
-202	7.8	<0.1	5.2	<0.1	12	<0.1	6.2	<0.1
-201	7.8	<0.1	5.3	<0.1	12	<0.1	6.3	<0.1
-200	7.9	<0.1	5.4	<0.1	12	<0.1	6.4	<0.1
-199	8.0	<0.1	5.4	<0.1	12	<0.1	6.4	<0.1
-198	8.1	<0.1	5.5	<0.1	12	<0.1	6.5	<0.1
-197	8.2	<0.1	5.5	<0.1	12	<0.1	6.6	<0.1
-196	8.2	<0.1	5.6	<0.1	12	<0.1	6.7	<0.1
-195	8.3	<0.1	5.6	<0.1	13	<0.1	6.7	<0.1
-194	8.4	<0.1	5.7	<0.1	13	<0.1	6.8	<0.1
-193	8.5	<0.1	5.8	<0.1	13	<0.1	6.9	<0.1
-192	8.6	<0.1	5.8	<0.1	13	<0.1	7.0	<0.1
-191	8.7	<0.1	5.9	<0.1	13	<0.1	7.1	<0.1
-190	8.8	<0.1	5.9	<0.1	13	<0.1	7.1	<0.1
-189	8.9	<0.1	6.0	<0.1	13	<0.1	7.2	<0.1
-188	8.9	<0.1	6.1	<0.1	14	<0.1	7.3	<0.1
-187	9.0	<0.1	6.1	<0.1	14	<0.1	7.4	<0.1
-186	9.1	<0.1	6.2	<0.1	14	<0.1	7.5	<0.1
-185	9.2	<0.1	6.3	<0.1	14	<0.1	7.6	<0.1
-184	9.3	<0.1	6.3	<0.1	14	<0.1	7.7	<0.1
-183	9.4	<0.1	6.4	<0.1	14	<0.1	7.8	<0.1
-182	9.6	<0.1	6.5	<0.1	14	<0.1	7.9	<0.1
-181	9.7	<0.1	6.6	<0.1	15	<0.1	8.0	<0.1
-180	9.8	<0.1	6.6	<0.1	15	<0.1	8.1	<0.1
-179	9.9	<0.1	6.7	<0.1	15	<0.1	8.2	<0.1
-178	10.0	<0.1	6.8	<0.1	15	<0.1	8.3	<0.1
-177	10	<0.1	6.9	<0.1	15	<0.1	8.4	<0.1
-176	10	<0.1	6.9	<0.1	16	<0.1	8.5	<0.1
-175	10	<0.1	7.0	<0.1	16	<0.1	8.6	<0.1
-174	10	<0.1	7.1	<0.1	16	<0.1	8.7	<0.1
-173	11	<0.1	7.2	<0.1	16	<0.1	8.8	<0.1
-172	11	<0.1	7.3	<0.1	16	<0.1	8.9	<0.1
-171	11	<0.1	7.4	<0.1	17	<0.1	9.1	<0.1
-170	11	<0.1	7.4	<0.1	17	<0.1	9.2	<0.1
-169	11	<0.1	7.5	<0.1	17	<0.1	9.3	<0.1
-168	11	<0.1	7.6	<0.1	17	<0.1	9.4	<0.1
-167	11	<0.1	7.7	<0.1	17	<0.1	9.6	<0.1
-166	12	<0.1	7.8	<0.1	18	<0.1	9.7	<0.1
-165	12	<0.1	7.9	<0.1	18	<0.1	9.8	<0.1

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
-164	12	<0.1	8.0	<0.1	18	<0.1	10.0	<0.1
-163	12	<0.1	8.1	<0.1	18	<0.1	10	<0.1
-162	12	<0.1	8.2	<0.1	19	<0.1	10	<0.1
-161	12	<0.1	8.3	<0.1	19	<0.1	10	<0.1
-160	12	<0.1	8.4	<0.1	19	<0.1	11	<0.1
-159	13	<0.1	8.5	<0.1	19	<0.1	11	<0.1
-158	13	<0.1	8.6	<0.1	20	<0.1	11	<0.1
-157	13	<0.1	8.8	<0.1	20	<0.1	11	<0.1
-156	13	<0.1	8.9	<0.1	20	<0.1	11	<0.1
-155	13	<0.1	9.0	<0.1	21	<0.1	11	<0.1
-154	14	<0.1	9.1	<0.1	21	<0.1	12	<0.1
-153	14	0.1	9.2	<0.1	21	<0.1	12	<0.1
-152	14	0.1	9.3	<0.1	22	<0.1	12	<0.1
-151	14	0.1	9.5	<0.1	22	<0.1	12	<0.1
-150	14	0.1	9.6	<0.1	22	<0.1	12	<0.1
-149	15	0.1	9.7	<0.1	23	<0.1	12	<0.1
-148	15	0.1	9.9	<0.1	23	<0.1	13	<0.1
-147	15	0.1	10	<0.1	23	<0.1	13	<0.1
-146	15	0.1	10	<0.1	24	<0.1	13	0.1
-145	15	0.1	10	<0.1	24	0.1	13	0.1
-144	16	0.1	10	<0.1	24	0.1	13	0.1
-143	16	0.1	11	<0.1	25	0.1	14	0.1
-142	16	0.1	11	<0.1	25	0.1	14	0.1
-141	16	0.1	11	<0.1	26	0.1	14	0.1
-140	17	0.1	11	<0.1	26	0.1	14	0.1
-139	17	0.1	11	<0.1	26	0.1	15	0.1
-138	17	0.1	11	<0.1	27	0.1	15	0.1
-137	18	0.1	12	<0.1	27	0.1	15	0.1
-136	18	0.1	12	<0.1	28	0.1	15	0.1
-135	18	0.1	12	<0.1	28	0.1	16	0.1
-134	18	0.1	12	<0.1	29	0.1	16	0.1
-133	19	0.1	12	<0.1	29	0.1	16	0.1
-132	19	0.1	12	<0.1	30	0.1	17	0.1
-131	19	0.1	13	<0.1	30	0.1	17	0.1
-130	20	0.1	13	<0.1	31	0.1	17	0.1
-129	20	0.1	13	0.1	31	0.1	17	0.1
-128	21	0.1	13	0.1	32	0.1	18	0.1
-127	21	0.1	14	0.1	33	0.1	18	0.1
-126	21	0.1	14	0.1	33	0.1	18	0.1
-125	22	0.1	14	0.1	34	0.1	19	0.1
-124	22	0.1	14	0.1	35	0.1	19	0.1
-123	23	0.1	14	0.1	35	0.1	20	0.1

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
-122	23	0.1	15	0.1	36	0.1	20	0.1
-121	24	0.1	15	0.1	37	0.1	20	0.1
-120	24	0.2	15	0.1	37	0.1	21	0.1
-119	25	0.2	15	0.1	38	0.1	21	0.1
-118	25	0.2	16	0.1	39	0.1	22	0.1
-117	26	0.2	16	0.1	40	0.1	22	0.1
-116	26	0.2	16	0.1	41	0.1	23	0.1
-115	27	0.2	17	0.1	42	0.1	23	0.1
-114	27	0.2	17	0.1	43	0.1	24	0.1
-113	28	0.2	17	0.1	44	0.1	24	0.1
-112	29	0.2	18	0.1	45	0.1	25	0.1
-111	29	0.2	18	0.1	46	0.1	25	0.1
-110	30	0.2	18	0.1	47	0.2	26	0.1
-109	31	0.2	19	0.1	48	0.2	26	0.1
-108	32	0.2	19	0.1	49	0.2	27	0.1
-107	33	0.3	19	0.1	50	0.2	28	0.1
-106	33	0.3	20	0.1	51	0.2	28	0.2
-105	34	0.3	20	0.1	53	0.2	29	0.2
-104	35	0.3	20	0.1	54	0.2	30	0.2
-103	36	0.3	21	0.1	55	0.2	31	0.2
-102	37	0.3	21	0.1	57	0.2	31	0.2
-101	38	0.3	22	0.1	58	0.2	32	0.2
-100	39	0.4	22	0.1	60	0.2	33	0.2
-99	41	0.4	23	0.1	61	0.2	34	0.2
-98	42	0.4	23	0.1	63	0.3	35	0.2
-97	43	0.4	24	0.1	65	0.3	36	0.2
-96	45	0.4	24	0.1	67	0.3	37	0.2
-95	46	0.5	25	0.1	69	0.3	38	0.2
-94	48	0.5	25	0.1	71	0.3	39	0.2
-93	49	0.5	26	0.1	73	0.3	41	0.2
-92	51	0.5	26	0.1	75	0.3	42	0.2
-91	53	0.6	27	0.1	78	0.3	43	0.3
-90	54	0.6	28	0.1	80	0.4	45	0.3
-89	56	0.6	28	0.1	83	0.4	46	0.3
-88	59	0.7	29	0.2	85	0.4	48	0.3
-87	61	0.7	30	0.2	88	0.4	50	0.3
-86	63	0.7	31	0.2	91	0.4	51	0.3
-85	66	0.8	31	0.2	94	0.5	53	0.3
-84	68	0.8	32	0.2	97	0.5	55	0.3
-83	71	0.9	33	0.2	101	0.5	57	0.3
-82	74	0.9	34	0.2	105	0.5	59	0.4
-81	77	1.0	35	0.2	108	0.6	62	0.4

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
-80	80	1.0	36	0.2	112	0.6	64	0.4
-79	84	1.1	37	0.2	117	0.6	66	0.4
-78	87	1.1	38	0.2	121	0.7	69	0.4
-77	91	1.2	39	0.2	126	0.7	72	0.4
-76	95	1.2	40	0.2	131	0.7	75	0.4
-75	99	1.3	42	0.2	136	0.8	78	0.5
-74	103	1.3	43	0.2	142	0.8	81	0.5
-73	107	1.4	44	0.3	148	0.9	85	0.5
-72	112	1.4	46	0.3	154	0.9	88	0.5
-71	116	1.5	47	0.3	161	1.0	92	0.5
-70	121	1.5	49	0.3	168	1.0	96	0.5
-69	126	1.5	50	0.3	175	1.1	100	0.5
-68	130	1.6	52	0.3	183	1.1	104	0.6
-67	135	1.6	54	0.3	191	1.2	109	0.6
-66	140	1.6	56	0.3	200	1.2	113	0.6
-65	144	1.6	58	0.3	209	1.3	118	0.6
-64	148	1.5	60	0.4	219	1.4	124	0.6
-63	152	1.5	63	0.4	229	1.4	129	0.6
-62	155	1.5	65	0.4	239	1.5	135	0.7
-61	159	1.4	68	0.4	250	1.5	140	0.7
-60	161	1.4	70	0.4	261	1.6	147	0.7
-59	164	1.3	73	0.4	272	1.6	153	0.7
-58	166	1.2	76	0.4	283	1.7	159	0.7
-57	167	1.2	79	0.5	295	1.7	166	0.7
-56	169	1.1	83	0.5	306	1.7	173	0.7
-55	169	1.0	86	0.5	318	1.8	180	0.7
-54	170	1.0	90	0.5	329	1.8	187	0.7
-53	170	0.9	94	0.5	340	1.8	195	0.7
-52	169	0.9	98	0.5	351	1.8	202	0.8
-51	169	0.9	102	0.6	361	1.7	210	0.8
-50	168	0.9	107	0.6	370	1.7	218	0.8
-49	167	0.9	111	0.6	378	1.6	226	0.8
-48	166	0.9	116	0.6	386	1.6	233	0.8
-47	164	0.9	121	0.6	392	1.5	241	0.8
-46	162	1.0	127	0.6	398	1.5	249	0.8
-45	161	1.0	132	0.6	402	1.4	257	0.9
-44	158	1.1	138	0.7	406	1.3	264	0.9
-43	156	1.2	144	0.7	409	1.2	271	0.9
-42	154	1.2	150	0.7	410	1.2	278	1.0
-41	151	1.3	157	0.7	411	1.1	285	1.0
-40	148	1.3	164	0.7	411	1.1	291	1.1
-39	144	1.4	171	0.7	411	1.1	297	1.2

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
-38	141	1.4	178	0.7	409	1.1	302	1.2
-37	137	1.5	185	0.7	408	1.1	307	1.3
-36	133	1.5	193	0.7	405	1.1	311	1.4
-35	129	1.5	201	0.8	402	1.1	314	1.5
-34	125	1.5	209	0.8	399	1.2	316	1.5
-33	121	1.5	217	0.8	395	1.2	318	1.6
-32	116	1.5	225	0.8	390	1.3	319	1.7
-31	112	1.4	233	0.8	385	1.3	319	1.7
-30	108	1.4	241	0.8	379	1.4	319	1.8
-29	104	1.4	249	0.8	372	1.4	317	1.8
-28	100	1.3	257	0.9	365	1.5	315	1.9
-27	96	1.3	265	0.9	357	1.5	312	1.9
-26	92	1.2	273	0.9	348	1.6	308	2.0
-25	89	1.2	280	1.0	339	1.6	303	2.0
-24	86	1.1	287	1.1	329	1.6	299	2.0
-23	83	1.1	294	1.1	319	1.6	293	2.0
-22	80	1.0	301	1.2	308	1.6	288	2.0
-21	78	1.0	307	1.3	297	1.6	282	2.0
-20	76	0.9	312	1.3	286	1.6	276	2.1
-19	75	0.9	317	1.4	275	1.6	270	2.1
-18	74	0.8	321	1.5	264	1.6	264	2.1
-17	74	0.8	325	1.6	254	1.5	259	2.1
-16	75	0.8	328	1.6	243	1.5	254	2.1
-15	77	0.8	330	1.7	233	1.5	249	2.1
-14	79	0.8	331	1.8	223	1.5	244	2.1
-13	81	0.8	331	1.9	214	1.4	240	2.1
-12	84	0.8	330	1.9	205	1.4	237	2.1
-11	86	0.8	329	2.0	197	1.4	234	2.2
-10	89	0.8	327	2.0	189	1.4	232	2.2
-9	92	0.8	324	2.1	181	1.5	231	2.2
-8	95	0.8	321	2.1	175	1.5	230	2.3
-7	98	0.9	317	2.1	169	1.5	230	2.3
-6	102	0.9	313	2.2	164	1.6	231	2.4
-5	105	1.0	308	2.2	160	1.7	233	2.4
-4	109	1.0	303	2.2	159	1.8	235	2.5
-3	113	1.1	299	2.3	160	1.8	238	2.6
-2	117	1.1	294	2.3	165	1.9	242	2.6
-1	121	1.2	289	2.3	171	2.0	247	2.7
0	126	1.3	284	2.3	179	2.2	252	2.8
1	130	1.3	280	2.3	187	2.3	258	2.9
2	135	1.4	276	2.4	196	2.4	264	3.0
3	140	1.5	273	2.4	206	2.5	272	3.1

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
4	146	1.6	271	2.4	216	2.6	279	3.1
5	151	1.6	268	2.5	226	2.7	288	3.2
6	157	1.7	267	2.5	236	2.8	297	3.3
7	163	1.8	267	2.6	246	3.0	306	3.4
8	170	1.9	267	2.6	257	3.1	315	3.5
9	177	2.0	268	2.7	268	3.2	325	3.6
10	184	2.1	269	2.7	278	3.2	335	3.6
11	191	2.2	272	2.8	289	3.3	346	3.7
12	199	2.3	275	2.9	300	3.4	356	3.7
13	207	2.4	279	2.9	310	3.4	366	3.8
14	215	2.6	284	3.0	320	3.5	376	3.8
15	224	2.7	289	3.1	330	3.5	385	3.8
16	233	2.8	296	3.2	339	3.5	394	3.7
17	242	2.9	303	3.3	348	3.4	403	3.7
18	251	3.0	310	3.4	356	3.4	411	3.6
19	261	3.1	318	3.4	363	3.3	418	3.6
20	271	3.2	327	3.5	370	3.3	425	3.5
21	281	3.3	336	3.6	376	3.2	430	3.4
22	291	3.4	345	3.6	382	3.1	435	3.3
23	301	3.5	354	3.7	386	3.0	440	3.2
24	311	3.5	364	3.7	390	2.8	443	3.1
25	321	3.6	373	3.8	393	2.7	445	2.9
26	331	3.6	383	3.8	395	2.6	447	2.8
27	340	3.6	392	3.8	397	2.5	448	2.7
28	349	3.6	401	3.8	398	2.5	448	2.6
29	358	3.6	409	3.8	398	2.4	448	2.5
30	366	3.5	417	3.7	398	2.3	448	2.5
31	373	3.5	424	3.6	398	2.3	446	2.4
32	380	3.4	431	3.6	397	2.3	445	2.4
33	386	3.3	437	3.5	396	2.3	443	2.4
34	391	3.2	442	3.4	395	2.3	442	2.4
35	396	3.1	446	3.2	394	2.3	440	2.4
36	400	3.0	449	3.1	393	2.3	438	2.4
37	403	2.9	452	3.0	392	2.3	437	2.4
38	405	2.8	453	2.9	392	2.3	436	2.4
39	407	2.7	454	2.8	392	2.3	435	2.4
40	408	2.6	455	2.7	392	2.3	434	2.4
41	408	2.5	455	2.6	393	2.3	434	2.4
42	409	2.4	454	2.5	394	2.3	433	2.4
43	408	2.4	453	2.5	395	2.4	433	2.4
44	408	2.3	451	2.4	396	2.4	432	2.4
45	407	2.3	449	2.4	397	2.4	431	2.4

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
46	406	2.3	447	2.4	398	2.5	430	2.5
47	405	2.3	445	2.4	399	2.6	428	2.6
48	405	2.3	443	2.4	399	2.7	426	2.7
49	404	2.3	442	2.4	398	2.8	424	2.8
50	404	2.3	440	2.4	397	2.9	420	2.9
51	404	2.3	439	2.4	396	3.0	416	3.0
52	404	2.3	438	2.4	393	3.1	412	3.1
53	405	2.3	437	2.4	390	3.2	407	3.2
54	406	2.3	436	2.4	387	3.4	401	3.3
55	406	2.3	435	2.4	382	3.4	394	3.4
56	407	2.4	434	2.4	377	3.5	386	3.5
57	408	2.4	434	2.4	371	3.6	378	3.6
58	408	2.5	432	2.5	364	3.6	370	3.6
59	408	2.5	431	2.5	357	3.7	360	3.7
60	408	2.6	429	2.6	349	3.7	351	3.7
61	407	2.7	426	2.7	341	3.7	341	3.7
62	405	2.8	423	2.8	332	3.7	330	3.6
63	403	2.9	419	2.9	323	3.6	320	3.6
64	400	3.1	415	3.1	313	3.6	309	3.6
65	397	3.2	410	3.2	304	3.5	298	3.5
66	393	3.3	404	3.3	294	3.4	287	3.4
67	388	3.4	398	3.4	285	3.3	277	3.3
68	382	3.5	390	3.5	275	3.3	266	3.2
69	376	3.6	383	3.5	266	3.2	256	3.1
70	369	3.6	374	3.6	256	3.1	246	3.0
71	361	3.7	365	3.6	247	2.9	236	2.9
72	353	3.7	355	3.7	238	2.8	226	2.8
73	344	3.7	345	3.7	230	2.7	217	2.7
74	335	3.7	335	3.7	221	2.6	208	2.6
75	325	3.6	325	3.6	213	2.5	200	2.5
76	315	3.6	314	3.6	205	2.4	192	2.4
77	305	3.5	303	3.5	198	2.3	184	2.3
78	295	3.5	292	3.4	191	2.2	176	2.2
79	285	3.4	281	3.4	184	2.1	169	2.1
80	276	3.3	271	3.3	177	2.0	163	2.0
81	266	3.2	260	3.2	171	1.9	156	1.9
82	256	3.1	250	3.1	165	1.8	150	1.8
83	247	3.0	240	3.0	159	1.8	144	1.7
84	237	2.9	230	2.9	153	1.7	138	1.7
85	229	2.8	221	2.8	148	1.6	133	1.6
86	220	2.7	212	2.7	143	1.5	128	1.5
87	212	2.6	203	2.5	138	1.5	123	1.4

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
88	203	2.4	195	2.4	134	1.4	119	1.4
89	196	2.3	187	2.3	129	1.3	114	1.3
90	188	2.2	179	2.2	125	1.3	110	1.3
91	181	2.1	172	2.1	121	1.2	106	1.2
92	174	2.1	165	2.0	117	1.2	102	1.1
93	168	2.0	159	1.9	113	1.1	99	1.1
94	162	1.9	152	1.9	110	1.1	95	1.0
95	156	1.8	146	1.8	107	1.0	92	1.0
96	150	1.7	141	1.7	103	1.0	89	1.0
97	145	1.6	135	1.6	100	0.9	86	0.9
98	140	1.6	130	1.5	97	0.9	83	0.9
99	135	1.5	125	1.5	94	0.9	81	0.8
100	130	1.4	120	1.4	92	0.8	78	0.8
101	126	1.4	116	1.3	89	0.8	76	0.8
102	121	1.3	112	1.3	87	0.8	73	0.7
103	117	1.2	108	1.2	84	0.7	71	0.7
104	113	1.2	104	1.2	82	0.7	69	0.7
105	110	1.1	100	1.1	80	0.7	67	0.7
106	106	1.1	97	1.1	78	0.6	65	0.6
107	103	1.0	93	1.0	76	0.6	63	0.6
108	99	1.0	90	1.0	74	0.6	61	0.6
109	96	0.9	87	0.9	72	0.6	59	0.6
110	93	0.9	84	0.9	70	0.6	57	0.5
111	91	0.9	81	0.9	68	0.5	56	0.5
112	88	0.8	79	0.8	66	0.5	54	0.5
113	85	0.8	76	0.8	65	0.5	53	0.5
114	83	0.8	74	0.8	63	0.5	51	0.5
115	80	0.7	71	0.7	62	0.5	50	0.5
116	78	0.7	69	0.7	60	0.4	49	0.4
117	76	0.7	67	0.7	59	0.4	47	0.4
118	74	0.7	65	0.6	58	0.4	46	0.4
119	72	0.6	63	0.6	56	0.4	45	0.4
120	70	0.6	61	0.6	55	0.4	44	0.4
121	68	0.6	60	0.6	54	0.4	43	0.4
122	66	0.6	58	0.6	53	0.4	42	0.4
123	65	0.5	56	0.5	51	0.4	41	0.3
124	63	0.5	55	0.5	50	0.3	40	0.3
125	61	0.5	53	0.5	49	0.3	39	0.3
126	60	0.5	52	0.5	48	0.3	38	0.3
127	58	0.5	50	0.5	47	0.3	37	0.3
128	57	0.5	49	0.4	46	0.3	36	0.3
129	55	0.4	48	0.4	45	0.3	35	0.3

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
130	54	0.4	46	0.4	44	0.3	34	0.3
131	53	0.4	45	0.4	43	0.3	34	0.3
132	52	0.4	44	0.4	43	0.3	33	0.3
133	50	0.4	43	0.4	42	0.3	32	0.3
134	49	0.4	42	0.4	41	0.3	31	0.2
135	48	0.4	41	0.4	40	0.2	31	0.2
136	47	0.3	40	0.3	39	0.2	30	0.2
137	46	0.3	39	0.3	39	0.2	29	0.2
138	45	0.3	38	0.3	38	0.2	29	0.2
139	44	0.3	37	0.3	37	0.2	28	0.2
140	43	0.3	36	0.3	37	0.2	28	0.2
141	42	0.3	35	0.3	36	0.2	27	0.2
142	41	0.3	34	0.3	35	0.2	27	0.2
143	40	0.3	34	0.3	35	0.2	26	0.2
144	40	0.3	33	0.3	34	0.2	25	0.2
145	39	0.3	32	0.3	33	0.2	25	0.2
146	38	0.3	31	0.3	33	0.2	24	0.2
147	37	0.2	31	0.2	32	0.2	24	0.2
148	37	0.2	30	0.2	32	0.2	24	0.2
149	36	0.2	29	0.2	31	0.2	23	0.2
150	35	0.2	29	0.2	31	0.2	23	0.2
151	34	0.2	28	0.2	30	0.2	22	0.2
152	34	0.2	28	0.2	30	0.2	22	0.2
153	33	0.2	27	0.2	29	0.2	21	0.1
154	33	0.2	27	0.2	29	0.1	21	0.1
155	32	0.2	26	0.2	28	0.1	21	0.1
156	31	0.2	25	0.2	28	0.1	20	0.1
157	31	0.2	25	0.2	27	0.1	20	0.1
158	30	0.2	24	0.2	27	0.1	20	0.1
159	30	0.2	24	0.2	27	0.1	19	0.1
160	29	0.2	24	0.2	26	0.1	19	0.1
161	29	0.2	23	0.2	26	0.1	19	0.1
162	28	0.2	23	0.2	25	0.1	18	0.1
163	28	0.2	22	0.2	25	0.1	18	0.1
164	27	0.2	22	0.2	25	0.1	18	0.1
165	27	0.2	21	0.2	24	0.1	17	0.1
166	26	0.1	21	0.1	24	0.1	17	0.1
167	26	0.1	21	0.1	24	0.1	17	0.1
168	25	0.1	20	0.1	23	0.1	16	0.1
169	25	0.1	20	0.1	23	0.1	16	0.1
170	25	0.1	20	0.1	23	0.1	16	0.1
171	24	0.1	19	0.1	22	0.1	16	0.1

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
172	24	0.1	19	0.1	22	0.1	15	0.1
173	23	0.1	19	0.1	22	0.1	15	0.1
174	23	0.1	18	0.1	21	0.1	15	0.1
175	23	0.1	18	0.1	21	0.1	15	0.1
176	22	0.1	18	0.1	21	0.1	14	0.1
177	22	0.1	17	0.1	20	0.1	14	0.1
178	22	0.1	17	0.1	20	0.1	14	0.1
179	21	0.1	17	0.1	20	0.1	14	0.1
180	21	0.1	16	0.1	20	0.1	14	0.1
181	21	0.1	16	0.1	19	0.1	13	0.1
182	20	0.1	16	0.1	19	0.1	13	0.1
183	20	0.1	16	0.1	19	0.1	13	0.1
184	20	0.1	15	0.1	19	0.1	13	0.1
185	20	0.1	15	0.1	18	0.1	13	0.1
186	19	0.1	15	0.1	18	0.1	12	0.1
187	19	0.1	15	0.1	18	0.1	12	0.1
188	19	0.1	14	0.1	18	0.1	12	0.1
189	18	0.1	14	0.1	17	0.1	12	0.1
190	18	0.1	14	0.1	17	0.1	12	0.1
191	18	0.1	14	0.1	17	0.1	12	0.1
192	18	0.1	14	0.1	17	0.1	11	0.1
193	17	0.1	13	0.1	17	0.1	11	0.1
194	17	0.1	13	0.1	16	0.1	11	0.1
195	17	0.1	13	0.1	16	0.1	11	0.1
196	17	0.1	13	0.1	16	0.1	11	0.1
197	17	0.1	13	0.1	16	0.1	11	0.1
198	16	0.1	12	0.1	16	0.1	11	0.1
199	16	0.1	12	0.1	15	0.1	10	0.1
200	16	0.1	12	0.1	15	0.1	10	0.1
201	16	0.1	12	0.1	15	0.1	10	0.1
202	16	0.1	12	0.1	15	0.1	10	0.1
203	15	0.1	12	0.1	15	0.1	9.9	0.1
204	15	0.1	11	0.1	15	0.1	9.7	0.1
205	15	0.1	11	0.1	14	0.1	9.6	0.1
206	15	0.1	11	0.1	14	0.1	9.5	0.1
207	15	0.1	11	0.1	14	0.1	9.4	0.1
208	14	0.1	11	0.1	14	0.1	9.3	<0.1
209	14	0.1	11	0.1	14	0.1	9.1	<0.1
210	14	0.1	11	0.1	14	<0.1	9.0	<0.1
211	14	0.1	10	0.1	14	<0.1	8.9	<0.1
212	14	0.1	10	0.1	13	<0.1	8.8	<0.1
213	14	0.1	10	0.1	13	<0.1	8.7	<0.1

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
214	13	0.1	10.0	0.1	13	<0.1	8.6	<0.1
215	13	0.1	9.8	0.1	13	<0.1	8.5	<0.1
216	13	0.1	9.7	0.1	13	<0.1	8.4	<0.1
217	13	0.1	9.6	0.1	13	<0.1	8.3	<0.1
218	13	0.1	9.5	0.1	13	<0.1	8.2	<0.1
219	13	0.1	9.3	0.1	12	<0.1	8.1	<0.1
220	12	0.1	9.2	0.1	12	<0.1	8.0	<0.1
221	12	<0.1	9.1	0.1	12	<0.1	7.9	<0.1
222	12	<0.1	9.0	<0.1	12	<0.1	7.8	<0.1
223	12	<0.1	8.9	<0.1	12	<0.1	7.7	<0.1
224	12	<0.1	8.8	<0.1	12	<0.1	7.6	<0.1
225	12	<0.1	8.7	<0.1	12	<0.1	7.6	<0.1
226	12	<0.1	8.6	<0.1	12	<0.1	7.5	<0.1
227	12	<0.1	8.5	<0.1	11	<0.1	7.4	<0.1
228	11	<0.1	8.4	<0.1	11	<0.1	7.3	<0.1
229	11	<0.1	8.3	<0.1	11	<0.1	7.2	<0.1
230	11	<0.1	8.2	<0.1	11	<0.1	7.1	<0.1
231	11	<0.1	8.1	<0.1	11	<0.1	7.1	<0.1
232	11	<0.1	8.0	<0.1	11	<0.1	7.0	<0.1
233	11	<0.1	7.9	<0.1	11	<0.1	6.9	<0.1
234	11	<0.1	7.8	<0.1	11	<0.1	6.8	<0.1
235	11	<0.1	7.7	<0.1	11	<0.1	6.8	<0.1
236	10	<0.1	7.6	<0.1	10	<0.1	6.7	<0.1
237	10	<0.1	7.5	<0.1	10	<0.1	6.6	<0.1
238	10	<0.1	7.4	<0.1	10	<0.1	6.5	<0.1
239	10	<0.1	7.3	<0.1	10	<0.1	6.5	<0.1
240	10	<0.1	7.3	<0.1	10	<0.1	6.4	<0.1
241	9.9	<0.1	7.2	<0.1	10.0	<0.1	6.3	<0.1
242	9.8	<0.1	7.1	<0.1	9.9	<0.1	6.3	<0.1
243	9.7	<0.1	7.0	<0.1	9.8	<0.1	6.2	<0.1
244	9.6	<0.1	7.0	<0.1	9.7	<0.1	6.1	<0.1
245	9.5	<0.1	6.9	<0.1	9.6	<0.1	6.1	<0.1
246	9.4	<0.1	6.8	<0.1	9.5	<0.1	6.0	<0.1
247	9.3	<0.1	6.7	<0.1	9.5	<0.1	6.0	<0.1
248	9.2	<0.1	6.7	<0.1	9.4	<0.1	5.9	<0.1
249	9.2	<0.1	6.6	<0.1	9.3	<0.1	5.8	<0.1
250	9.1	<0.1	6.5	<0.1	9.2	<0.1	5.8	<0.1
251	9.0	<0.1	6.4	<0.1	9.1	<0.1	5.7	<0.1
252	8.9	<0.1	6.4	<0.1	9.0	<0.1	5.7	<0.1
253	8.8	<0.1	6.3	<0.1	9.0	<0.1	5.6	<0.1
254	8.7	<0.1	6.2	<0.1	8.9	<0.1	5.6	<0.1
255	8.6	<0.1	6.2	<0.1	8.8	<0.1	5.5	<0.1

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
256	8.6	<0.1	6.1	<0.1	8.7	<0.1	5.4	<0.1
257	8.5	<0.1	6.1	<0.1	8.7	<0.1	5.4	<0.1
258	8.4	<0.1	6.0	<0.1	8.6	<0.1	5.3	<0.1
259	8.3	<0.1	5.9	<0.1	8.5	<0.1	5.3	<0.1
260	8.2	<0.1	5.9	<0.1	8.4	<0.1	5.2	<0.1
261	8.2	<0.1	5.8	<0.1	8.4	<0.1	5.2	<0.1
262	8.1	<0.1	5.8	<0.1	8.3	<0.1	5.1	<0.1
263	8.0	<0.1	5.7	<0.1	8.2	<0.1	5.1	<0.1
264	7.9	<0.1	5.6	<0.1	8.2	<0.1	5.0	<0.1
265	7.9	<0.1	5.6	<0.1	8.1	<0.1	5.0	<0.1
266	7.8	<0.1	5.5	<0.1	8.0	<0.1	4.9	<0.1
267	7.7	<0.1	5.5	<0.1	7.9	<0.1	4.9	<0.1
268	7.7	<0.1	5.4	<0.1	7.9	<0.1	4.9	<0.1
269	7.6	<0.1	5.4	<0.1	7.8	<0.1	4.8	<0.1
270	7.5	<0.1	5.3	<0.1	7.8	<0.1	4.8	<0.1
271	7.5	<0.1	5.3	<0.1	7.7	<0.1	4.7	<0.1
272	7.4	<0.1	5.2	<0.1	7.6	<0.1	4.7	<0.1
273	7.3	<0.1	5.2	<0.1	7.6	<0.1	4.6	<0.1
274	7.3	<0.1	5.1	<0.1	7.5	<0.1	4.6	<0.1
275	7.2	<0.1	5.1	<0.1	7.4	<0.1	4.6	<0.1
276	7.1	<0.1	5.0	<0.1	7.4	<0.1	4.5	<0.1
277	7.1	<0.1	5.0	<0.1	7.3	<0.1	4.5	<0.1
278	7.0	<0.1	4.9	<0.1	7.3	<0.1	4.4	<0.1
279	7.0	<0.1	4.9	<0.1	7.2	<0.1	4.4	<0.1
280	6.9	<0.1	4.8	<0.1	7.2	<0.1	4.4	<0.1
281	6.8	<0.1	4.8	<0.1	7.1	<0.1	4.3	<0.1
282	6.8	<0.1	4.7	<0.1	7.0	<0.1	4.3	<0.1
283	6.7	<0.1	4.7	<0.1	7.0	<0.1	4.2	<0.1
284	6.7	<0.1	4.7	<0.1	6.9	<0.1	4.2	<0.1
285	6.6	<0.1	4.6	<0.1	6.9	<0.1	4.2	<0.1
286	6.6	<0.1	4.6	<0.1	6.8	<0.1	4.1	<0.1
287	6.5	<0.1	4.5	<0.1	6.8	<0.1	4.1	<0.1
288	6.5	<0.1	4.5	<0.1	6.7	<0.1	4.1	<0.1
289	6.4	<0.1	4.5	<0.1	6.7	<0.1	4.0	<0.1
290	6.3	<0.1	4.4	<0.1	6.6	<0.1	4.0	<0.1
291	6.3	<0.1	4.4	<0.1	6.6	<0.1	4.0	<0.1
292	6.2	<0.1	4.3	<0.1	6.5	<0.1	3.9	<0.1
293	6.2	<0.1	4.3	<0.1	6.5	<0.1	3.9	<0.1
294	6.1	<0.1	4.3	<0.1	6.4	<0.1	3.9	<0.1
295	6.1	<0.1	4.2	<0.1	6.4	<0.1	3.8	<0.1
296	6.0	<0.1	4.2	<0.1	6.3	<0.1	3.8	<0.1
297	6.0	<0.1	4.2	<0.1	6.3	<0.1	3.8	<0.1

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
298	6.0	<0.1	4.1	<0.1	6.2	<0.1	3.7	<0.1
299	5.9	<0.1	4.1	<0.1	6.2	<0.1	3.7	<0.1
300	5.9	<0.1	4.1	<0.1	6.2	<0.1	3.7	<0.1
301	5.8	<0.1	4.0	<0.1	6.1	<0.1	3.7	<0.1
302	5.8	<0.1	4.0	<0.1	6.1	<0.1	3.6	<0.1
303	5.7	<0.1	4.0	<0.1	6.0	<0.1	3.6	<0.1
304	5.7	<0.1	3.9	<0.1	6.0	<0.1	3.6	<0.1
305	5.6	<0.1	3.9	<0.1	5.9	<0.1	3.5	<0.1
306	5.6	<0.1	3.9	<0.1	5.9	<0.1	3.5	<0.1
307	5.5	<0.1	3.8	<0.1	5.9	<0.1	3.5	<0.1
308	5.5	<0.1	3.8	<0.1	5.8	<0.1	3.5	<0.1
309	5.5	<0.1	3.8	<0.1	5.8	<0.1	3.4	<0.1
310	5.4	<0.1	3.7	<0.1	5.7	<0.1	3.4	<0.1
311	5.4	<0.1	3.7	<0.1	5.7	<0.1	3.4	<0.1
312	5.3	<0.1	3.7	<0.1	5.6	<0.1	3.4	<0.1
313	5.3	<0.1	3.6	<0.1	5.6	<0.1	3.3	<0.1
314	5.3	<0.1	3.6	<0.1	5.6	<0.1	3.3	<0.1
315	5.2	<0.1	3.6	<0.1	5.5	<0.1	3.3	<0.1
316	5.2	<0.1	3.6	<0.1	5.5	<0.1	3.3	<0.1
317	5.1	<0.1	3.5	<0.1	5.5	<0.1	3.2	<0.1
318	5.1	<0.1	3.5	<0.1	5.4	<0.1	3.2	<0.1
319	5.1	<0.1	3.5	<0.1	5.4	<0.1	3.2	<0.1
320	5.0	<0.1	3.4	<0.1	5.3	<0.1	3.2	<0.1
321	5.0	<0.1	3.4	<0.1	5.3	<0.1	3.1	<0.1
322	5.0	<0.1	3.4	<0.1	5.3	<0.1	3.1	<0.1
323	4.9	<0.1	3.4	<0.1	5.2	<0.1	3.1	<0.1
324	4.9	<0.1	3.3	<0.1	5.2	<0.1	3.1	<0.1
325	4.9	<0.1	3.3	<0.1	5.2	<0.1	3.0	<0.1
326	4.8	<0.1	3.3	<0.1	5.1	<0.1	3.0	<0.1
327	4.8	<0.1	3.3	<0.1	5.1	<0.1	3.0	<0.1
328	4.8	<0.1	3.2	<0.1	5.1	<0.1	3.0	<0.1
329	4.7	<0.1	3.2	<0.1	5.0	<0.1	3.0	<0.1
330	4.7	<0.1	3.2	<0.1	5.0	<0.1	2.9	<0.1
331	4.7	<0.1	3.2	<0.1	5.0	<0.1	2.9	<0.1
332	4.6	<0.1	3.1	<0.1	4.9	<0.1	2.9	<0.1
333	4.6	<0.1	3.1	<0.1	4.9	<0.1	2.9	<0.1
334	4.6	<0.1	3.1	<0.1	4.9	<0.1	2.9	<0.1
335	4.5	<0.1	3.1	<0.1	4.8	<0.1	2.8	<0.1
336	4.5	<0.1	3.1	<0.1	4.8	<0.1	2.8	<0.1
337	4.5	<0.1	3.0	<0.1	4.8	<0.1	2.8	<0.1
338	4.4	<0.1	3.0	<0.1	4.8	<0.1	2.8	<0.1
339	4.4	<0.1	3.0	<0.1	4.7	<0.1	2.8	<0.1

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
340	4.4	<0.1	3.0	<0.1	4.7	<0.1	2.7	<0.1
341	4.3	<0.1	2.9	<0.1	4.7	<0.1	2.7	<0.1
342	4.3	<0.1	2.9	<0.1	4.6	<0.1	2.7	<0.1
343	4.3	<0.1	2.9	<0.1	4.6	<0.1	2.7	<0.1
344	4.3	<0.1	2.9	<0.1	4.6	<0.1	2.7	<0.1
345	4.2	<0.1	2.9	<0.1	4.5	<0.1	2.6	<0.1
346	4.2	<0.1	2.8	<0.1	4.5	<0.1	2.6	<0.1
347	4.2	<0.1	2.8	<0.1	4.5	<0.1	2.6	<0.1
348	4.2	<0.1	2.8	<0.1	4.5	<0.1	2.6	<0.1
349	4.1	<0.1	2.8	<0.1	4.4	<0.1	2.6	<0.1
350	4.1	<0.1	2.8	<0.1	4.4	<0.1	2.6	<0.1
351	4.1	<0.1	2.7	<0.1	4.4	<0.1	2.5	<0.1
352	4.0	<0.1	2.7	<0.1	4.4	<0.1	2.5	<0.1
353	4.0	<0.1	2.7	<0.1	4.3	<0.1	2.5	<0.1
354	4.0	<0.1	2.7	<0.1	4.3	<0.1	2.5	<0.1
355	4.0	<0.1	2.7	<0.1	4.3	<0.1	2.5	<0.1
356	3.9	<0.1	2.6	<0.1	4.2	<0.1	2.5	<0.1
357	3.9	<0.1	2.6	<0.1	4.2	<0.1	2.4	<0.1
358	3.9	<0.1	2.6	<0.1	4.2	<0.1	2.4	<0.1
359	3.9	<0.1	2.6	<0.1	4.2	<0.1	2.4	<0.1
360	3.8	<0.1	2.6	<0.1	4.1	<0.1	2.4	<0.1
361	3.8	<0.1	2.6	<0.1	4.1	<0.1	2.4	<0.1
362	3.8	<0.1	2.5	<0.1	4.1	<0.1	2.4	<0.1
363	3.8	<0.1	2.5	<0.1	4.1	<0.1	2.3	<0.1
364	3.7	<0.1	2.5	<0.1	4.1	<0.1	2.3	<0.1
365	3.7	<0.1	2.5	<0.1	4.0	<0.1	2.3	<0.1
366	3.7	<0.1	2.5	<0.1	4.0	<0.1	2.3	<0.1
367	3.7	<0.1	2.5	<0.1	4.0	<0.1	2.3	<0.1
368	3.7	<0.1	2.4	<0.1	4.0	<0.1	2.3	<0.1
369	3.6	<0.1	2.4	<0.1	3.9	<0.1	2.3	<0.1
370	3.6	<0.1	2.4	<0.1	3.9	<0.1	2.2	<0.1
371	3.6	<0.1	2.4	<0.1	3.9	<0.1	2.2	<0.1
372	3.6	<0.1	2.4	<0.1	3.9	<0.1	2.2	<0.1
373	3.5	<0.1	2.4	<0.1	3.8	<0.1	2.2	<0.1
374	3.5	<0.1	2.3	<0.1	3.8	<0.1	2.2	<0.1
375	3.5	<0.1	2.3	<0.1	3.8	<0.1	2.2	<0.1
376	3.5	<0.1	2.3	<0.1	3.8	<0.1	2.2	<0.1
377	3.5	<0.1	2.3	<0.1	3.8	<0.1	2.1	<0.1
378	3.4	<0.1	2.3	<0.1	3.7	<0.1	2.1	<0.1
379	3.4	<0.1	2.3	<0.1	3.7	<0.1	2.1	<0.1
380	3.4	<0.1	2.3	<0.1	3.7	<0.1	2.1	<0.1
381	3.4	<0.1	2.2	<0.1	3.7	<0.1	2.1	<0.1

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
382	3.4	<0.1	2.2	<0.1	3.7	<0.1	2.1	<0.1
383	3.3	<0.1	2.2	<0.1	3.6	<0.1	2.1	<0.1
384	3.3	<0.1	2.2	<0.1	3.6	<0.1	2.1	<0.1
385	3.3	<0.1	2.2	<0.1	3.6	<0.1	2.0	<0.1
386	3.3	<0.1	2.2	<0.1	3.6	<0.1	2.0	<0.1
387	3.3	<0.1	2.2	<0.1	3.6	<0.1	2.0	<0.1
388	3.2	<0.1	2.2	<0.1	3.5	<0.1	2.0	<0.1
389	3.2	<0.1	2.1	<0.1	3.5	<0.1	2.0	<0.1
390	3.2	<0.1	2.1	<0.1	3.5	<0.1	2.0	<0.1
391	3.2	<0.1	2.1	<0.1	3.5	<0.1	2.0	<0.1
392	3.2	<0.1	2.1	<0.1	3.5	<0.1	2.0	<0.1
393	3.2	<0.1	2.1	<0.1	3.4	<0.1	1.9	<0.1
394	3.1	<0.1	2.1	<0.1	3.4	<0.1	1.9	<0.1
395	3.1	<0.1	2.1	<0.1	3.4	<0.1	1.9	<0.1
396	3.1	<0.1	2.0	<0.1	3.4	<0.1	1.9	<0.1
397	3.1	<0.1	2.0	<0.1	3.4	<0.1	1.9	<0.1
398	3.1	<0.1	2.0	<0.1	3.4	<0.1	1.9	<0.1
399	3.0	<0.1	2.0	<0.1	3.3	<0.1	1.9	<0.1
400	3.0	<0.1	2.0	<0.1	3.3	<0.1	1.9	<0.1
401	3.0	<0.1	2.0	<0.1	3.3	<0.1	1.9	<0.1
402	3.0	<0.1	2.0	<0.1	3.3	<0.1	1.9	<0.1
403	3.0	<0.1	2.0	<0.1	3.3	<0.1	1.8	<0.1
404	3.0	<0.1	2.0	<0.1	3.2	<0.1	1.8	<0.1
405	2.9	<0.1	1.9	<0.1	3.2	<0.1	1.8	<0.1
406	2.9	<0.1	1.9	<0.1	3.2	<0.1	1.8	<0.1
407	2.9	<0.1	1.9	<0.1	3.2	<0.1	1.8	<0.1
408	2.9	<0.1	1.9	<0.1	3.2	<0.1	1.8	<0.1
409	2.9	<0.1	1.9	<0.1	3.2	<0.1	1.8	<0.1
410	2.9	<0.1	1.9	<0.1	3.1	<0.1	1.8	<0.1
411	2.8	<0.1	1.9	<0.1	3.1	<0.1	1.8	<0.1
412	2.8	<0.1	1.9	<0.1	3.1	<0.1	1.7	<0.1
413	2.8	<0.1	1.9	<0.1	3.1	<0.1	1.7	<0.1
414	2.8	<0.1	1.8	<0.1	3.1	<0.1	1.7	<0.1
415	2.8	<0.1	1.8	<0.1	3.1	<0.1	1.7	<0.1
416	2.8	<0.1	1.8	<0.1	3.1	<0.1	1.7	<0.1
417	2.8	<0.1	1.8	<0.1	3.0	<0.1	1.7	<0.1
418	2.7	<0.1	1.8	<0.1	3.0	<0.1	1.7	<0.1
419	2.7	<0.1	1.8	<0.1	3.0	<0.1	1.7	<0.1
420	2.7	<0.1	1.8	<0.1	3.0	<0.1	1.7	<0.1
421	2.7	<0.1	1.8	<0.1	3.0	<0.1	1.7	<0.1
422	2.7	<0.1	1.8	<0.1	3.0	<0.1	1.7	<0.1
423	2.7	<0.1	1.8	<0.1	2.9	<0.1	1.6	<0.1

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
424	2.7	<0.1	1.7	<0.1	2.9	<0.1	1.6	<0.1
425	2.6	<0.1	1.7	<0.1	2.9	<0.1	1.6	<0.1
426	2.6	<0.1	1.7	<0.1	2.9	<0.1	1.6	<0.1
427	2.6	<0.1	1.7	<0.1	2.9	<0.1	1.6	<0.1
428	2.6	<0.1	1.7	<0.1	2.9	<0.1	1.6	<0.1
429	2.6	<0.1	1.7	<0.1	2.9	<0.1	1.6	<0.1
430	2.6	<0.1	1.7	<0.1	2.8	<0.1	1.6	<0.1
431	2.6	<0.1	1.7	<0.1	2.8	<0.1	1.6	<0.1
432	2.5	<0.1	1.7	<0.1	2.8	<0.1	1.6	<0.1
433	2.5	<0.1	1.7	<0.1	2.8	<0.1	1.6	<0.1
434	2.5	<0.1	1.7	<0.1	2.8	<0.1	1.6	<0.1
435	2.5	<0.1	1.6	<0.1	2.8	<0.1	1.5	<0.1
436	2.5	<0.1	1.6	<0.1	2.8	<0.1	1.5	<0.1
437	2.5	<0.1	1.6	<0.1	2.7	<0.1	1.5	<0.1
438	2.5	<0.1	1.6	<0.1	2.7	<0.1	1.5	<0.1
439	2.5	<0.1	1.6	<0.1	2.7	<0.1	1.5	<0.1
440	2.4	<0.1	1.6	<0.1	2.7	<0.1	1.5	<0.1
441	2.4	<0.1	1.6	<0.1	2.7	<0.1	1.5	<0.1
442	2.4	<0.1	1.6	<0.1	2.7	<0.1	1.5	<0.1
443	2.4	<0.1	1.6	<0.1	2.7	<0.1	1.5	<0.1
444	2.4	<0.1	1.6	<0.1	2.7	<0.1	1.5	<0.1
445	2.4	<0.1	1.6	<0.1	2.6	<0.1	1.5	<0.1
446	2.4	<0.1	1.5	<0.1	2.6	<0.1	1.5	<0.1
447	2.4	<0.1	1.5	<0.1	2.6	<0.1	1.5	<0.1
448	2.4	<0.1	1.5	<0.1	2.6	<0.1	1.4	<0.1
449	2.3	<0.1	1.5	<0.1	2.6	<0.1	1.4	<0.1
450	2.3	<0.1	1.5	<0.1	2.6	<0.1	1.4	<0.1
451	2.3	<0.1	1.5	<0.1	2.6	<0.1	1.4	<0.1
452	2.3	<0.1	1.5	<0.1	2.6	<0.1	1.4	<0.1
453	2.3	<0.1	1.5	<0.1	2.5	<0.1	1.4	<0.1
454	2.3	<0.1	1.5	<0.1	2.5	<0.1	1.4	<0.1
455	2.3	<0.1	1.5	<0.1	2.5	<0.1	1.4	<0.1
456	2.3	<0.1	1.5	<0.1	2.5	<0.1	1.4	<0.1
457	2.3	<0.1	1.5	<0.1	2.5	<0.1	1.4	<0.1
458	2.2	<0.1	1.5	<0.1	2.5	<0.1	1.4	<0.1
459	2.2	<0.1	1.4	<0.1	2.5	<0.1	1.4	<0.1
460	2.2	<0.1	1.4	<0.1	2.5	<0.1	1.4	<0.1
461	2.2	<0.1	1.4	<0.1	2.5	<0.1	1.4	<0.1
462	2.2	<0.1	1.4	<0.1	2.4	<0.1	1.3	<0.1
463	2.2	<0.1	1.4	<0.1	2.4	<0.1	1.3	<0.1
464	2.2	<0.1	1.4	<0.1	2.4	<0.1	1.3	<0.1
465	2.2	<0.1	1.4	<0.1	2.4	<0.1	1.3	<0.1

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Table D-6 – Continued from previous page

Dist (feet)	XS-949-2 Existing Magnetic Field Maximum (mG)	XS-949-2 Existing Electric Field Resultant (kV/m)	XS-949-2 Proposed Magnetic Field Maximum (mG)	XS-949-2 Proposed Electric Field Resultant (kV/m)	XS-949-3 Existing Magnetic Field Maximum (mG)	XS-949-3 Existing Electric Field Resultant (kV/m)	XS-949-3 Proposed Magnetic Field Maximum (mG)	XS-949-3 Proposed Electric Field Resultant (kV/m)
466	2.2	<0.1	1.4	<0.1	2.4	<0.1	1.3	<0.1
467	2.1	<0.1	1.4	<0.1	2.4	<0.1	1.3	<0.1
468	2.1	<0.1	1.4	<0.1	2.4	<0.1	1.3	<0.1
469	2.1	<0.1	1.4	<0.1	2.4	<0.1	1.3	<0.1
470	2.1	<0.1	1.4	<0.1	2.4	<0.1	1.3	<0.1
471	2.1	<0.1	1.4	<0.1	2.3	<0.1	1.3	<0.1
472	2.1	<0.1	1.4	<0.1	2.3	<0.1	1.3	<0.1
473	2.1	<0.1	1.4	<0.1	2.3	<0.1	1.3	<0.1
474	2.1	<0.1	1.3	<0.1	2.3	<0.1	1.3	<0.1
475	2.1	<0.1	1.3	<0.1	2.3	<0.1	1.3	<0.1
476	2.1	<0.1	1.3	<0.1	2.3	<0.1	1.3	<0.1
477	2.0	<0.1	1.3	<0.1	2.3	<0.1	1.3	<0.1
478	2.0	<0.1	1.3	<0.1	2.3	<0.1	1.3	<0.1
479	2.0	<0.1	1.3	<0.1	2.3	<0.1	1.2	<0.1
480	2.0	<0.1	1.3	<0.1	2.3	<0.1	1.2	<0.1
481	2.0	<0.1	1.3	<0.1	2.2	<0.1	1.2	<0.1
482	2.0	<0.1	1.3	<0.1	2.2	<0.1	1.2	<0.1
483	2.0	<0.1	1.3	<0.1	2.2	<0.1	1.2	<0.1
484	2.0	<0.1	1.3	<0.1	2.2	<0.1	1.2	<0.1
485	2.0	<0.1	1.3	<0.1	2.2	<0.1	1.2	<0.1
486	2.0	<0.1	1.3	<0.1	2.2	<0.1	1.2	<0.1
487	2.0	<0.1	1.3	<0.1	2.2	<0.1	1.2	<0.1
488	1.9	<0.1	1.3	<0.1	2.2	<0.1	1.2	<0.1
489	1.9	<0.1	1.3	<0.1	2.2	<0.1	1.2	<0.1
490	1.9	<0.1	1.2	<0.1	2.2	<0.1	1.2	<0.1
491	1.9	<0.1	1.2	<0.1	2.2	<0.1	1.2	<0.1
492	1.9	<0.1	1.2	<0.1	2.1	<0.1	1.2	<0.1
493	1.9	<0.1	1.2	<0.1	2.1	<0.1	1.2	<0.1
494	1.9	<0.1	1.2	<0.1	2.1	<0.1	1.2	<0.1
495	1.9	<0.1	1.2	<0.1	2.1	<0.1	1.2	<0.1
496	1.9	<0.1	1.2	<0.1	2.1	<0.1	1.2	<0.1
497	1.9	<0.1	1.2	<0.1	2.1	<0.1	1.1	<0.1
498	1.9	<0.1	1.2	<0.1	2.1	<0.1	1.1	<0.1
499	1.9	<0.1	1.2	<0.1	2.1	<0.1	1.1	<0.1
500	1.8	<0.1	1.2	<0.1	2.1	<0.1	1.1	<0.1

Table D-7. Calculated EMF levels for XS-949-4 through XS-949-5

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
-500	1.4	<0.1	0.9	<0.1	1.4	<0.1	0.9	<0.1
-499	1.4	<0.1	0.9	<0.1	1.4	<0.1	0.9	<0.1
-498	1.4	<0.1	0.9	<0.1	1.4	<0.1	0.9	<0.1
-497	1.4	<0.1	0.9	<0.1	1.4	<0.1	0.9	<0.1
-496	1.4	<0.1	0.9	<0.1	1.4	<0.1	0.9	<0.1
-495	1.4	<0.1	0.9	<0.1	1.4	<0.1	0.9	<0.1
-494	1.5	<0.1	0.9	<0.1	1.4	<0.1	0.9	<0.1
-493	1.5	<0.1	1.0	<0.1	1.4	<0.1	0.9	<0.1
-492	1.5	<0.1	1.0	<0.1	1.4	<0.1	0.9	<0.1
-491	1.5	<0.1	1.0	<0.1	1.4	<0.1	0.9	<0.1
-490	1.5	<0.1	1.0	<0.1	1.4	<0.1	0.9	<0.1
-489	1.5	<0.1	1.0	<0.1	1.4	<0.1	0.9	<0.1
-488	1.5	<0.1	1.0	<0.1	1.4	<0.1	0.9	<0.1
-487	1.5	<0.1	1.0	<0.1	1.5	<0.1	0.9	<0.1
-486	1.5	<0.1	1.0	<0.1	1.5	<0.1	0.9	<0.1
-485	1.5	<0.1	1.0	<0.1	1.5	<0.1	0.9	<0.1
-484	1.5	<0.1	1.0	<0.1	1.5	<0.1	0.9	<0.1
-483	1.5	<0.1	1.0	<0.1	1.5	<0.1	0.9	<0.1
-482	1.5	<0.1	1.0	<0.1	1.5	<0.1	0.9	<0.1
-481	1.5	<0.1	1.0	<0.1	1.5	<0.1	0.9	<0.1
-480	1.5	<0.1	1.0	<0.1	1.5	<0.1	0.9	<0.1
-479	1.5	<0.1	1.0	<0.1	1.5	<0.1	0.9	<0.1
-478	1.5	<0.1	1.0	<0.1	1.5	<0.1	1.0	<0.1
-477	1.6	<0.1	1.0	<0.1	1.5	<0.1	1.0	<0.1
-476	1.6	<0.1	1.0	<0.1	1.5	<0.1	1.0	<0.1
-475	1.6	<0.1	1.0	<0.1	1.5	<0.1	1.0	<0.1
-474	1.6	<0.1	1.0	<0.1	1.5	<0.1	1.0	<0.1
-473	1.6	<0.1	1.0	<0.1	1.5	<0.1	1.0	<0.1
-472	1.6	<0.1	1.0	<0.1	1.5	<0.1	1.0	<0.1
-471	1.6	<0.1	1.0	<0.1	1.5	<0.1	1.0	<0.1
-470	1.6	<0.1	1.0	<0.1	1.6	<0.1	1.0	<0.1
-469	1.6	<0.1	1.1	<0.1	1.6	<0.1	1.0	<0.1
-468	1.6	<0.1	1.1	<0.1	1.6	<0.1	1.0	<0.1
-467	1.6	<0.1	1.1	<0.1	1.6	<0.1	1.0	<0.1
-466	1.6	<0.1	1.1	<0.1	1.6	<0.1	1.0	<0.1
-465	1.6	<0.1	1.1	<0.1	1.6	<0.1	1.0	<0.1
-464	1.6	<0.1	1.1	<0.1	1.6	<0.1	1.0	<0.1
-463	1.6	<0.1	1.1	<0.1	1.6	<0.1	1.0	<0.1
-462	1.6	<0.1	1.1	<0.1	1.6	<0.1	1.0	<0.1
-461	1.7	<0.1	1.1	<0.1	1.6	<0.1	1.0	<0.1
-460	1.7	<0.1	1.1	<0.1	1.6	<0.1	1.0	<0.1
-459	1.7	<0.1	1.1	<0.1	1.6	<0.1	1.0	<0.1

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
-458	1.7	<0.1	1.1	<0.1	1.6	<0.1	1.0	<0.1
-457	1.7	<0.1	1.1	<0.1	1.6	<0.1	1.0	<0.1
-456	1.7	<0.1	1.1	<0.1	1.6	<0.1	1.0	<0.1
-455	1.7	<0.1	1.1	<0.1	1.7	<0.1	1.0	<0.1
-454	1.7	<0.1	1.1	<0.1	1.7	<0.1	1.1	<0.1
-453	1.7	<0.1	1.1	<0.1	1.7	<0.1	1.1	<0.1
-452	1.7	<0.1	1.1	<0.1	1.7	<0.1	1.1	<0.1
-451	1.7	<0.1	1.1	<0.1	1.7	<0.1	1.1	<0.1
-450	1.7	<0.1	1.1	<0.1	1.7	<0.1	1.1	<0.1
-449	1.7	<0.1	1.2	<0.1	1.7	<0.1	1.1	<0.1
-448	1.7	<0.1	1.2	<0.1	1.7	<0.1	1.1	<0.1
-447	1.8	<0.1	1.2	<0.1	1.7	<0.1	1.1	<0.1
-446	1.8	<0.1	1.2	<0.1	1.7	<0.1	1.1	<0.1
-445	1.8	<0.1	1.2	<0.1	1.7	<0.1	1.1	<0.1
-444	1.8	<0.1	1.2	<0.1	1.7	<0.1	1.1	<0.1
-443	1.8	<0.1	1.2	<0.1	1.7	<0.1	1.1	<0.1
-442	1.8	<0.1	1.2	<0.1	1.7	<0.1	1.1	<0.1
-441	1.8	<0.1	1.2	<0.1	1.8	<0.1	1.1	<0.1
-440	1.8	<0.1	1.2	<0.1	1.8	<0.1	1.1	<0.1
-439	1.8	<0.1	1.2	<0.1	1.8	<0.1	1.1	<0.1
-438	1.8	<0.1	1.2	<0.1	1.8	<0.1	1.1	<0.1
-437	1.8	<0.1	1.2	<0.1	1.8	<0.1	1.1	<0.1
-436	1.8	<0.1	1.2	<0.1	1.8	<0.1	1.1	<0.1
-435	1.8	<0.1	1.2	<0.1	1.8	<0.1	1.1	<0.1
-434	1.9	<0.1	1.2	<0.1	1.8	<0.1	1.1	<0.1
-433	1.9	<0.1	1.2	<0.1	1.8	<0.1	1.2	<0.1
-432	1.9	<0.1	1.2	<0.1	1.8	<0.1	1.2	<0.1
-431	1.9	<0.1	1.3	<0.1	1.8	<0.1	1.2	<0.1
-430	1.9	<0.1	1.3	<0.1	1.8	<0.1	1.2	<0.1
-429	1.9	<0.1	1.3	<0.1	1.8	<0.1	1.2	<0.1
-428	1.9	<0.1	1.3	<0.1	1.9	<0.1	1.2	<0.1
-427	1.9	<0.1	1.3	<0.1	1.9	<0.1	1.2	<0.1
-426	1.9	<0.1	1.3	<0.1	1.9	<0.1	1.2	<0.1
-425	1.9	<0.1	1.3	<0.1	1.9	<0.1	1.2	<0.1
-424	1.9	<0.1	1.3	<0.1	1.9	<0.1	1.2	<0.1
-423	1.9	<0.1	1.3	<0.1	1.9	<0.1	1.2	<0.1
-422	2.0	<0.1	1.3	<0.1	1.9	<0.1	1.2	<0.1
-421	2.0	<0.1	1.3	<0.1	1.9	<0.1	1.2	<0.1
-420	2.0	<0.1	1.3	<0.1	1.9	<0.1	1.2	<0.1
-419	2.0	<0.1	1.3	<0.1	1.9	<0.1	1.2	<0.1
-418	2.0	<0.1	1.3	<0.1	1.9	<0.1	1.2	<0.1
-417	2.0	<0.1	1.3	<0.1	2.0	<0.1	1.2	<0.1

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
-416	2.0	<0.1	1.3	<0.1	2.0	<0.1	1.2	<0.1
-415	2.0	<0.1	1.4	<0.1	2.0	<0.1	1.3	<0.1
-414	2.0	<0.1	1.4	<0.1	2.0	<0.1	1.3	<0.1
-413	2.0	<0.1	1.4	<0.1	2.0	<0.1	1.3	<0.1
-412	2.0	<0.1	1.4	<0.1	2.0	<0.1	1.3	<0.1
-411	2.1	<0.1	1.4	<0.1	2.0	<0.1	1.3	<0.1
-410	2.1	<0.1	1.4	<0.1	2.0	<0.1	1.3	<0.1
-409	2.1	<0.1	1.4	<0.1	2.0	<0.1	1.3	<0.1
-408	2.1	<0.1	1.4	<0.1	2.0	<0.1	1.3	<0.1
-407	2.1	<0.1	1.4	<0.1	2.0	<0.1	1.3	<0.1
-406	2.1	<0.1	1.4	<0.1	2.1	<0.1	1.3	<0.1
-405	2.1	<0.1	1.4	<0.1	2.1	<0.1	1.3	<0.1
-404	2.1	<0.1	1.4	<0.1	2.1	<0.1	1.3	<0.1
-403	2.1	<0.1	1.4	<0.1	2.1	<0.1	1.3	<0.1
-402	2.1	<0.1	1.4	<0.1	2.1	<0.1	1.3	<0.1
-401	2.2	<0.1	1.4	<0.1	2.1	<0.1	1.3	<0.1
-400	2.2	<0.1	1.5	<0.1	2.1	<0.1	1.3	<0.1
-399	2.2	<0.1	1.5	<0.1	2.1	<0.1	1.4	<0.1
-398	2.2	<0.1	1.5	<0.1	2.1	<0.1	1.4	<0.1
-397	2.2	<0.1	1.5	<0.1	2.1	<0.1	1.4	<0.1
-396	2.2	<0.1	1.5	<0.1	2.2	<0.1	1.4	<0.1
-395	2.2	<0.1	1.5	<0.1	2.2	<0.1	1.4	<0.1
-394	2.2	<0.1	1.5	<0.1	2.2	<0.1	1.4	<0.1
-393	2.2	<0.1	1.5	<0.1	2.2	<0.1	1.4	<0.1
-392	2.3	<0.1	1.5	<0.1	2.2	<0.1	1.4	<0.1
-391	2.3	<0.1	1.5	<0.1	2.2	<0.1	1.4	<0.1
-390	2.3	<0.1	1.5	<0.1	2.2	<0.1	1.4	<0.1
-389	2.3	<0.1	1.5	<0.1	2.2	<0.1	1.4	<0.1
-388	2.3	<0.1	1.6	<0.1	2.2	<0.1	1.4	<0.1
-387	2.3	<0.1	1.6	<0.1	2.2	<0.1	1.4	<0.1
-386	2.3	<0.1	1.6	<0.1	2.3	<0.1	1.4	<0.1
-385	2.3	<0.1	1.6	<0.1	2.3	<0.1	1.5	<0.1
-384	2.3	<0.1	1.6	<0.1	2.3	<0.1	1.5	<0.1
-383	2.4	<0.1	1.6	<0.1	2.3	<0.1	1.5	<0.1
-382	2.4	<0.1	1.6	<0.1	2.3	<0.1	1.5	<0.1
-381	2.4	<0.1	1.6	<0.1	2.3	<0.1	1.5	<0.1
-380	2.4	<0.1	1.6	<0.1	2.3	<0.1	1.5	<0.1
-379	2.4	<0.1	1.6	<0.1	2.3	<0.1	1.5	<0.1
-378	2.4	<0.1	1.6	<0.1	2.3	<0.1	1.5	<0.1
-377	2.4	<0.1	1.6	<0.1	2.4	<0.1	1.5	<0.1
-376	2.4	<0.1	1.7	<0.1	2.4	<0.1	1.5	<0.1
-375	2.5	<0.1	1.7	<0.1	2.4	<0.1	1.5	<0.1

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
-374	2.5	<0.1	1.7	<0.1	2.4	<0.1	1.5	<0.1
-373	2.5	<0.1	1.7	<0.1	2.4	<0.1	1.5	<0.1
-372	2.5	<0.1	1.7	<0.1	2.4	<0.1	1.6	<0.1
-371	2.5	<0.1	1.7	<0.1	2.4	<0.1	1.6	<0.1
-370	2.5	<0.1	1.7	<0.1	2.4	<0.1	1.6	<0.1
-369	2.5	<0.1	1.7	<0.1	2.5	<0.1	1.6	<0.1
-368	2.5	<0.1	1.7	<0.1	2.5	<0.1	1.6	<0.1
-367	2.6	<0.1	1.7	<0.1	2.5	<0.1	1.6	<0.1
-366	2.6	<0.1	1.8	<0.1	2.5	<0.1	1.6	<0.1
-365	2.6	<0.1	1.8	<0.1	2.5	<0.1	1.6	<0.1
-364	2.6	<0.1	1.8	<0.1	2.5	<0.1	1.6	<0.1
-363	2.6	<0.1	1.8	<0.1	2.5	<0.1	1.6	<0.1
-362	2.6	<0.1	1.8	<0.1	2.5	<0.1	1.6	<0.1
-361	2.6	<0.1	1.8	<0.1	2.6	<0.1	1.7	<0.1
-360	2.6	<0.1	1.8	<0.1	2.6	<0.1	1.7	<0.1
-359	2.7	<0.1	1.8	<0.1	2.6	<0.1	1.7	<0.1
-358	2.7	<0.1	1.8	<0.1	2.6	<0.1	1.7	<0.1
-357	2.7	<0.1	1.8	<0.1	2.6	<0.1	1.7	<0.1
-356	2.7	<0.1	1.9	<0.1	2.6	<0.1	1.7	<0.1
-355	2.7	<0.1	1.9	<0.1	2.6	<0.1	1.7	<0.1
-354	2.7	<0.1	1.9	<0.1	2.7	<0.1	1.7	<0.1
-353	2.7	<0.1	1.9	<0.1	2.7	<0.1	1.7	<0.1
-352	2.8	<0.1	1.9	<0.1	2.7	<0.1	1.7	<0.1
-351	2.8	<0.1	1.9	<0.1	2.7	<0.1	1.7	<0.1
-350	2.8	<0.1	1.9	<0.1	2.7	<0.1	1.8	<0.1
-349	2.8	<0.1	1.9	<0.1	2.7	<0.1	1.8	<0.1
-348	2.8	<0.1	1.9	<0.1	2.7	<0.1	1.8	<0.1
-347	2.8	<0.1	2.0	<0.1	2.8	<0.1	1.8	<0.1
-346	2.9	<0.1	2.0	<0.1	2.8	<0.1	1.8	<0.1
-345	2.9	<0.1	2.0	<0.1	2.8	<0.1	1.8	<0.1
-344	2.9	<0.1	2.0	<0.1	2.8	<0.1	1.8	<0.1
-343	2.9	<0.1	2.0	<0.1	2.8	<0.1	1.8	<0.1
-342	2.9	<0.1	2.0	<0.1	2.8	<0.1	1.8	<0.1
-341	2.9	<0.1	2.0	<0.1	2.9	<0.1	1.8	<0.1
-340	2.9	<0.1	2.0	<0.1	2.9	<0.1	1.9	<0.1
-339	3.0	<0.1	2.1	<0.1	2.9	<0.1	1.9	<0.1
-338	3.0	<0.1	2.1	<0.1	2.9	<0.1	1.9	<0.1
-337	3.0	<0.1	2.1	<0.1	2.9	<0.1	1.9	<0.1
-336	3.0	<0.1	2.1	<0.1	2.9	<0.1	1.9	<0.1
-335	3.0	<0.1	2.1	<0.1	2.9	<0.1	1.9	<0.1
-334	3.1	<0.1	2.1	<0.1	3.0	<0.1	1.9	<0.1
-333	3.1	<0.1	2.1	<0.1	3.0	<0.1	1.9	<0.1

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
-332	3.1	<0.1	2.1	<0.1	3.0	<0.1	1.9	<0.1
-331	3.1	<0.1	2.2	<0.1	3.0	<0.1	2.0	<0.1
-330	3.1	<0.1	2.2	<0.1	3.0	<0.1	2.0	<0.1
-329	3.1	<0.1	2.2	<0.1	3.1	<0.1	2.0	<0.1
-328	3.2	<0.1	2.2	<0.1	3.1	<0.1	2.0	<0.1
-327	3.2	<0.1	2.2	<0.1	3.1	<0.1	2.0	<0.1
-326	3.2	<0.1	2.2	<0.1	3.1	<0.1	2.0	<0.1
-325	3.2	<0.1	2.2	<0.1	3.1	<0.1	2.0	<0.1
-324	3.2	<0.1	2.3	<0.1	3.1	<0.1	2.0	<0.1
-323	3.3	<0.1	2.3	<0.1	3.2	<0.1	2.1	<0.1
-322	3.3	<0.1	2.3	<0.1	3.2	<0.1	2.1	<0.1
-321	3.3	<0.1	2.3	<0.1	3.2	<0.1	2.1	<0.1
-320	3.3	<0.1	2.3	<0.1	3.2	<0.1	2.1	<0.1
-319	3.3	<0.1	2.3	<0.1	3.2	<0.1	2.1	<0.1
-318	3.3	<0.1	2.3	<0.1	3.3	<0.1	2.1	<0.1
-317	3.4	<0.1	2.4	<0.1	3.3	<0.1	2.1	<0.1
-316	3.4	<0.1	2.4	<0.1	3.3	<0.1	2.1	<0.1
-315	3.4	<0.1	2.4	<0.1	3.3	<0.1	2.2	<0.1
-314	3.4	<0.1	2.4	<0.1	3.3	<0.1	2.2	<0.1
-313	3.4	<0.1	2.4	<0.1	3.4	<0.1	2.2	<0.1
-312	3.5	<0.1	2.4	<0.1	3.4	<0.1	2.2	<0.1
-311	3.5	<0.1	2.5	<0.1	3.4	<0.1	2.2	<0.1
-310	3.5	<0.1	2.5	<0.1	3.4	<0.1	2.2	<0.1
-309	3.5	<0.1	2.5	<0.1	3.4	<0.1	2.2	<0.1
-308	3.6	<0.1	2.5	<0.1	3.5	<0.1	2.3	<0.1
-307	3.6	<0.1	2.5	<0.1	3.5	<0.1	2.3	<0.1
-306	3.6	<0.1	2.5	<0.1	3.5	<0.1	2.3	<0.1
-305	3.6	<0.1	2.6	<0.1	3.5	<0.1	2.3	<0.1
-304	3.6	<0.1	2.6	<0.1	3.5	<0.1	2.3	<0.1
-303	3.7	<0.1	2.6	<0.1	3.6	<0.1	2.3	<0.1
-302	3.7	<0.1	2.6	<0.1	3.6	<0.1	2.3	<0.1
-301	3.7	<0.1	2.6	<0.1	3.6	<0.1	2.4	<0.1
-300	3.7	<0.1	2.7	<0.1	3.6	<0.1	2.4	<0.1
-299	3.8	<0.1	2.7	<0.1	3.7	<0.1	2.4	<0.1
-298	3.8	<0.1	2.7	<0.1	3.7	<0.1	2.4	<0.1
-297	3.8	<0.1	2.7	<0.1	3.7	<0.1	2.4	<0.1
-296	3.8	<0.1	2.7	<0.1	3.7	<0.1	2.4	<0.1
-295	3.9	<0.1	2.7	<0.1	3.8	<0.1	2.5	<0.1
-294	3.9	<0.1	2.8	<0.1	3.8	<0.1	2.5	<0.1
-293	3.9	<0.1	2.8	<0.1	3.8	<0.1	2.5	<0.1
-292	3.9	<0.1	2.8	<0.1	3.8	<0.1	2.5	<0.1
-291	4.0	<0.1	2.8	<0.1	3.8	<0.1	2.5	<0.1

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
-290	4.0	<0.1	2.8	<0.1	3.9	<0.1	2.5	<0.1
-289	4.0	<0.1	2.9	<0.1	3.9	<0.1	2.6	<0.1
-288	4.0	<0.1	2.9	<0.1	3.9	<0.1	2.6	<0.1
-287	4.1	<0.1	2.9	<0.1	4.0	<0.1	2.6	<0.1
-286	4.1	<0.1	2.9	<0.1	4.0	<0.1	2.6	<0.1
-285	4.1	<0.1	3.0	<0.1	4.0	<0.1	2.6	<0.1
-284	4.1	<0.1	3.0	<0.1	4.0	<0.1	2.7	<0.1
-283	4.2	<0.1	3.0	<0.1	4.1	<0.1	2.7	<0.1
-282	4.2	<0.1	3.0	<0.1	4.1	<0.1	2.7	<0.1
-281	4.2	<0.1	3.0	<0.1	4.1	<0.1	2.7	<0.1
-280	4.3	<0.1	3.1	<0.1	4.1	<0.1	2.7	<0.1
-279	4.3	<0.1	3.1	<0.1	4.2	<0.1	2.7	<0.1
-278	4.3	<0.1	3.1	<0.1	4.2	<0.1	2.8	<0.1
-277	4.3	<0.1	3.1	<0.1	4.2	<0.1	2.8	<0.1
-276	4.4	<0.1	3.2	<0.1	4.3	<0.1	2.8	<0.1
-275	4.4	<0.1	3.2	<0.1	4.3	<0.1	2.8	<0.1
-274	4.4	<0.1	3.2	<0.1	4.3	<0.1	2.8	<0.1
-273	4.5	<0.1	3.2	<0.1	4.3	<0.1	2.9	<0.1
-272	4.5	<0.1	3.3	<0.1	4.4	<0.1	2.9	<0.1
-271	4.5	<0.1	3.3	<0.1	4.4	<0.1	2.9	<0.1
-270	4.6	<0.1	3.3	<0.1	4.4	<0.1	2.9	<0.1
-269	4.6	<0.1	3.3	<0.1	4.5	<0.1	3.0	<0.1
-268	4.6	<0.1	3.4	<0.1	4.5	<0.1	3.0	<0.1
-267	4.7	<0.1	3.4	<0.1	4.5	<0.1	3.0	<0.1
-266	4.7	<0.1	3.4	<0.1	4.6	<0.1	3.0	<0.1
-265	4.7	<0.1	3.4	<0.1	4.6	<0.1	3.0	<0.1
-264	4.8	<0.1	3.5	<0.1	4.6	<0.1	3.1	<0.1
-263	4.8	<0.1	3.5	<0.1	4.7	<0.1	3.1	<0.1
-262	4.8	<0.1	3.5	<0.1	4.7	<0.1	3.1	<0.1
-261	4.9	<0.1	3.6	<0.1	4.7	<0.1	3.1	<0.1
-260	4.9	<0.1	3.6	<0.1	4.8	<0.1	3.2	<0.1
-259	4.9	<0.1	3.6	<0.1	4.8	<0.1	3.2	<0.1
-258	5.0	<0.1	3.7	<0.1	4.8	<0.1	3.2	<0.1
-257	5.0	<0.1	3.7	<0.1	4.9	<0.1	3.2	<0.1
-256	5.0	<0.1	3.7	<0.1	4.9	<0.1	3.3	<0.1
-255	5.1	<0.1	3.7	<0.1	4.9	<0.1	3.3	<0.1
-254	5.1	<0.1	3.8	<0.1	5.0	<0.1	3.3	<0.1
-253	5.1	<0.1	3.8	<0.1	5.0	<0.1	3.3	<0.1
-252	5.2	<0.1	3.8	<0.1	5.1	<0.1	3.4	<0.1
-251	5.2	<0.1	3.9	<0.1	5.1	<0.1	3.4	<0.1
-250	5.3	<0.1	3.9	<0.1	5.1	<0.1	3.4	<0.1
-249	5.3	<0.1	3.9	<0.1	5.2	<0.1	3.4	<0.1

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
-248	5.3	<0.1	4.0	<0.1	5.2	<0.1	3.5	<0.1
-247	5.4	<0.1	4.0	<0.1	5.3	<0.1	3.5	<0.1
-246	5.4	<0.1	4.0	<0.1	5.3	<0.1	3.5	<0.1
-245	5.5	<0.1	4.1	<0.1	5.3	<0.1	3.6	<0.1
-244	5.5	<0.1	4.1	<0.1	5.4	<0.1	3.6	<0.1
-243	5.6	<0.1	4.2	<0.1	5.4	<0.1	3.6	<0.1
-242	5.6	<0.1	4.2	<0.1	5.5	<0.1	3.6	<0.1
-241	5.6	<0.1	4.2	<0.1	5.5	<0.1	3.7	<0.1
-240	5.7	<0.1	4.3	<0.1	5.6	<0.1	3.7	<0.1
-239	5.7	<0.1	4.3	<0.1	5.6	<0.1	3.7	<0.1
-238	5.8	<0.1	4.3	<0.1	5.6	<0.1	3.8	<0.1
-237	5.8	<0.1	4.4	<0.1	5.7	<0.1	3.8	<0.1
-236	5.9	<0.1	4.4	<0.1	5.7	<0.1	3.8	<0.1
-235	5.9	<0.1	4.5	<0.1	5.8	<0.1	3.9	<0.1
-234	6.0	<0.1	4.5	<0.1	5.8	<0.1	3.9	<0.1
-233	6.0	<0.1	4.6	<0.1	5.9	<0.1	3.9	<0.1
-232	6.1	<0.1	4.6	<0.1	5.9	<0.1	4.0	<0.1
-231	6.1	<0.1	4.6	<0.1	6.0	<0.1	4.0	<0.1
-230	6.2	<0.1	4.7	<0.1	6.0	<0.1	4.0	<0.1
-229	6.2	<0.1	4.7	<0.1	6.1	<0.1	4.1	<0.1
-228	6.3	<0.1	4.8	<0.1	6.1	<0.1	4.1	<0.1
-227	6.3	<0.1	4.8	<0.1	6.2	<0.1	4.1	<0.1
-226	6.4	<0.1	4.9	<0.1	6.2	<0.1	4.2	<0.1
-225	6.4	<0.1	4.9	<0.1	6.3	<0.1	4.2	<0.1
-224	6.5	<0.1	5.0	<0.1	6.3	<0.1	4.3	<0.1
-223	6.5	<0.1	5.0	<0.1	6.4	<0.1	4.3	<0.1
-222	6.6	<0.1	5.1	<0.1	6.5	<0.1	4.3	<0.1
-221	6.6	<0.1	5.1	<0.1	6.5	<0.1	4.4	<0.1
-220	6.7	<0.1	5.2	<0.1	6.6	<0.1	4.4	<0.1
-219	6.8	<0.1	5.2	<0.1	6.6	<0.1	4.5	<0.1
-218	6.8	<0.1	5.3	<0.1	6.7	<0.1	4.5	<0.1
-217	6.9	<0.1	5.3	<0.1	6.7	<0.1	4.5	<0.1
-216	6.9	<0.1	5.4	<0.1	6.8	<0.1	4.6	<0.1
-215	7.0	<0.1	5.4	<0.1	6.9	<0.1	4.6	<0.1
-214	7.1	<0.1	5.5	<0.1	6.9	<0.1	4.7	<0.1
-213	7.1	<0.1	5.5	<0.1	7.0	<0.1	4.7	<0.1
-212	7.2	<0.1	5.6	<0.1	7.1	<0.1	4.8	<0.1
-211	7.2	<0.1	5.7	<0.1	7.1	<0.1	4.8	<0.1
-210	7.3	<0.1	5.7	<0.1	7.2	<0.1	4.9	<0.1
-209	7.4	<0.1	5.8	<0.1	7.3	<0.1	4.9	<0.1
-208	7.4	<0.1	5.8	<0.1	7.3	<0.1	4.9	<0.1
-207	7.5	<0.1	5.9	<0.1	7.4	<0.1	5.0	<0.1

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
-206	7.6	<0.1	6.0	<0.1	7.5	<0.1	5.0	<0.1
-205	7.7	<0.1	6.0	<0.1	7.5	<0.1	5.1	<0.1
-204	7.7	<0.1	6.1	<0.1	7.6	<0.1	5.1	<0.1
-203	7.8	<0.1	6.2	<0.1	7.7	<0.1	5.2	<0.1
-202	7.9	<0.1	6.2	<0.1	7.8	<0.1	5.2	<0.1
-201	7.9	<0.1	6.3	<0.1	7.8	<0.1	5.3	<0.1
-200	8.0	<0.1	6.4	<0.1	7.9	<0.1	5.4	<0.1
-199	8.1	<0.1	6.4	<0.1	8.0	<0.1	5.4	<0.1
-198	8.2	<0.1	6.5	<0.1	8.1	<0.1	5.5	<0.1
-197	8.2	<0.1	6.6	<0.1	8.2	<0.1	5.5	<0.1
-196	8.3	<0.1	6.7	<0.1	8.2	<0.1	5.6	<0.1
-195	8.4	<0.1	6.7	<0.1	8.3	<0.1	5.6	<0.1
-194	8.5	<0.1	6.8	<0.1	8.4	<0.1	5.7	<0.1
-193	8.6	<0.1	6.9	<0.1	8.5	<0.1	5.8	<0.1
-192	8.7	<0.1	7.0	<0.1	8.6	<0.1	5.8	<0.1
-191	8.7	<0.1	7.1	<0.1	8.7	<0.1	5.9	<0.1
-190	8.8	<0.1	7.1	<0.1	8.8	<0.1	5.9	<0.1
-189	8.9	<0.1	7.2	<0.1	8.9	<0.1	6.0	<0.1
-188	9.0	<0.1	7.3	<0.1	8.9	<0.1	6.1	<0.1
-187	9.1	<0.1	7.4	<0.1	9.0	<0.1	6.1	<0.1
-186	9.2	<0.1	7.5	<0.1	9.1	<0.1	6.2	<0.1
-185	9.3	<0.1	7.6	<0.1	9.2	<0.1	6.3	<0.1
-184	9.4	<0.1	7.7	<0.1	9.3	<0.1	6.3	<0.1
-183	9.5	<0.1	7.8	<0.1	9.4	<0.1	6.4	<0.1
-182	9.6	<0.1	7.9	<0.1	9.6	<0.1	6.5	<0.1
-181	9.7	<0.1	8.0	<0.1	9.7	<0.1	6.6	<0.1
-180	9.8	<0.1	8.1	<0.1	9.8	<0.1	6.6	<0.1
-179	9.9	<0.1	8.2	<0.1	9.9	<0.1	6.7	<0.1
-178	10.0	<0.1	8.3	<0.1	10.0	<0.1	6.8	<0.1
-177	10	<0.1	8.4	<0.1	10	<0.1	6.9	<0.1
-176	10	<0.1	8.5	<0.1	10	<0.1	6.9	<0.1
-175	10	<0.1	8.6	<0.1	10	<0.1	7.0	<0.1
-174	10	<0.1	8.7	<0.1	10	<0.1	7.1	<0.1
-173	11	<0.1	8.8	<0.1	11	<0.1	7.2	<0.1
-172	11	<0.1	8.9	<0.1	11	<0.1	7.3	<0.1
-171	11	<0.1	9.1	<0.1	11	<0.1	7.4	<0.1
-170	11	<0.1	9.2	<0.1	11	<0.1	7.4	<0.1
-169	11	<0.1	9.3	<0.1	11	<0.1	7.5	<0.1
-168	11	<0.1	9.4	<0.1	11	<0.1	7.6	<0.1
-167	11	<0.1	9.6	<0.1	11	<0.1	7.7	<0.1
-166	11	<0.1	9.7	<0.1	12	<0.1	7.8	<0.1
-165	12	<0.1	9.8	<0.1	12	<0.1	7.9	<0.1

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
-164	12	<0.1	10.0	<0.1	12	<0.1	8.0	<0.1
-163	12	<0.1	10	<0.1	12	<0.1	8.1	<0.1
-162	12	<0.1	10	<0.1	12	<0.1	8.2	<0.1
-161	12	<0.1	10	<0.1	12	<0.1	8.3	<0.1
-160	12	<0.1	11	<0.1	12	<0.1	8.4	<0.1
-159	12	<0.1	11	<0.1	13	<0.1	8.5	<0.1
-158	13	<0.1	11	<0.1	13	<0.1	8.6	<0.1
-157	13	<0.1	11	<0.1	13	<0.1	8.8	<0.1
-156	13	<0.1	11	<0.1	13	<0.1	8.9	<0.1
-155	13	<0.1	11	<0.1	13	<0.1	9.0	<0.1
-154	13	<0.1	12	<0.1	14	<0.1	9.1	<0.1
-153	13	<0.1	12	<0.1	14	0.1	9.2	<0.1
-152	14	<0.1	12	<0.1	14	0.1	9.3	<0.1
-151	14	<0.1	12	<0.1	14	0.1	9.5	<0.1
-150	14	<0.1	12	<0.1	14	0.1	9.6	<0.1
-149	14	<0.1	12	<0.1	15	0.1	9.7	<0.1
-148	14	<0.1	13	<0.1	15	0.1	9.9	<0.1
-147	14	<0.1	13	<0.1	15	0.1	10	<0.1
-146	15	<0.1	13	0.1	15	0.1	10	<0.1
-145	15	<0.1	13	0.1	15	0.1	10	<0.1
-144	15	<0.1	13	0.1	16	0.1	10	<0.1
-143	15	<0.1	14	0.1	16	0.1	11	<0.1
-142	15	<0.1	14	0.1	16	0.1	11	<0.1
-141	16	0.1	14	0.1	16	0.1	11	<0.1
-140	16	0.1	14	0.1	17	0.1	11	<0.1
-139	16	0.1	15	0.1	17	0.1	11	<0.1
-138	16	0.1	15	0.1	17	0.1	11	<0.1
-137	17	0.1	15	0.1	18	0.1	12	<0.1
-136	17	0.1	15	0.1	18	0.1	12	<0.1
-135	17	0.1	16	0.1	18	0.1	12	<0.1
-134	17	0.1	16	0.1	18	0.1	12	<0.1
-133	18	0.1	16	0.1	19	0.1	12	<0.1
-132	18	0.1	17	0.1	19	0.1	12	<0.1
-131	18	0.1	17	0.1	19	0.1	13	<0.1
-130	18	0.1	17	0.1	20	0.1	13	<0.1
-129	19	0.1	17	0.1	20	0.1	13	0.1
-128	19	0.1	18	0.1	21	0.1	13	0.1
-127	19	0.1	18	0.1	21	0.1	14	0.1
-126	20	0.1	18	0.1	21	0.1	14	0.1
-125	20	0.1	19	0.1	22	0.1	14	0.1
-124	20	0.1	19	0.1	22	0.1	14	0.1
-123	21	0.1	20	0.1	23	0.1	14	0.1

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
-122	21	0.1	20	0.1	23	0.1	15	0.1
-121	21	0.1	20	0.1	24	0.1	15	0.1
-120	22	0.1	21	0.1	24	0.2	15	0.1
-119	22	0.1	21	0.1	25	0.2	15	0.1
-118	22	0.1	22	0.1	25	0.2	16	0.1
-117	23	0.1	22	0.1	26	0.2	16	0.1
-116	23	0.1	23	0.1	26	0.2	16	0.1
-115	24	0.1	23	0.1	27	0.2	17	0.1
-114	24	0.1	24	0.1	27	0.2	17	0.1
-113	25	0.1	24	0.1	28	0.2	17	0.1
-112	25	0.1	25	0.1	29	0.2	18	0.1
-111	26	0.1	25	0.1	29	0.2	18	0.1
-110	26	0.1	26	0.1	30	0.2	18	0.1
-109	27	0.1	26	0.1	31	0.2	19	0.1
-108	27	0.1	27	0.1	32	0.2	19	0.1
-107	28	0.2	28	0.1	33	0.3	19	0.1
-106	28	0.2	28	0.2	33	0.3	20	0.1
-105	29	0.2	29	0.2	34	0.3	20	0.1
-104	29	0.2	30	0.2	35	0.3	20	0.1
-103	30	0.2	31	0.2	36	0.3	21	0.1
-102	31	0.2	31	0.2	37	0.3	21	0.1
-101	31	0.2	32	0.2	38	0.3	22	0.1
-100	32	0.2	33	0.2	39	0.4	22	0.1
-99	33	0.2	34	0.2	41	0.4	23	0.1
-98	34	0.2	35	0.2	42	0.4	23	0.1
-97	34	0.2	36	0.2	43	0.4	24	0.1
-96	35	0.2	37	0.2	45	0.4	24	0.1
-95	36	0.3	38	0.2	46	0.5	25	0.1
-94	37	0.3	39	0.2	48	0.5	25	0.1
-93	38	0.3	41	0.2	49	0.5	26	0.1
-92	39	0.3	42	0.2	51	0.5	26	0.1
-91	40	0.3	43	0.3	53	0.6	27	0.1
-90	41	0.3	45	0.3	54	0.6	28	0.1
-89	42	0.3	46	0.3	56	0.6	28	0.1
-88	43	0.4	48	0.3	59	0.7	29	0.2
-87	44	0.4	50	0.3	61	0.7	30	0.2
-86	46	0.4	51	0.3	63	0.7	31	0.2
-85	47	0.4	53	0.3	66	0.8	31	0.2
-84	48	0.4	55	0.3	68	0.8	32	0.2
-83	50	0.5	57	0.3	71	0.9	33	0.2
-82	51	0.5	59	0.4	74	0.9	34	0.2
-81	53	0.5	62	0.4	77	1.0	35	0.2

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
-80	54	0.5	64	0.4	80	1.0	36	0.2
-79	56	0.6	66	0.4	84	1.1	37	0.2
-78	58	0.6	69	0.4	87	1.1	38	0.2
-77	60	0.6	72	0.4	91	1.2	39	0.2
-76	62	0.7	75	0.4	95	1.2	40	0.2
-75	64	0.7	78	0.5	99	1.3	42	0.2
-74	66	0.7	81	0.5	103	1.3	43	0.2
-73	69	0.8	85	0.5	107	1.4	44	0.3
-72	71	0.8	88	0.5	112	1.4	46	0.3
-71	74	0.9	92	0.5	116	1.5	47	0.3
-70	77	0.9	96	0.5	121	1.5	49	0.3
-69	79	0.9	100	0.5	126	1.5	50	0.3
-68	83	1.0	104	0.6	130	1.6	52	0.3
-67	86	1.0	109	0.6	135	1.6	54	0.3
-66	89	1.1	113	0.6	140	1.6	56	0.3
-65	93	1.1	118	0.6	144	1.6	58	0.3
-64	96	1.2	124	0.6	148	1.5	60	0.4
-63	100	1.3	129	0.6	152	1.5	63	0.4
-62	104	1.3	135	0.7	155	1.5	65	0.4
-61	108	1.4	140	0.7	159	1.4	68	0.4
-60	112	1.4	147	0.7	161	1.4	70	0.4
-59	116	1.4	153	0.7	164	1.3	73	0.4
-58	121	1.5	159	0.7	166	1.2	76	0.4
-57	125	1.5	166	0.7	167	1.2	79	0.5
-56	129	1.5	173	0.7	169	1.1	83	0.5
-55	134	1.6	180	0.7	169	1.0	86	0.5
-54	138	1.6	187	0.7	170	1.0	90	0.5
-53	142	1.6	195	0.7	170	0.9	94	0.5
-52	146	1.6	202	0.8	169	0.9	98	0.5
-51	150	1.5	210	0.8	169	0.9	102	0.6
-50	153	1.5	218	0.8	168	0.9	107	0.6
-49	156	1.5	226	0.8	167	0.9	111	0.6
-48	159	1.4	233	0.8	166	0.9	116	0.6
-47	162	1.4	241	0.8	164	0.9	121	0.6
-46	164	1.3	249	0.8	162	1.0	127	0.6
-45	165	1.2	257	0.9	161	1.0	132	0.6
-44	167	1.2	264	0.9	158	1.1	138	0.7
-43	168	1.1	271	0.9	156	1.2	144	0.7
-42	168	1.1	278	1.0	154	1.2	150	0.7
-41	168	1.0	285	1.0	151	1.3	157	0.7
-40	168	1.0	291	1.1	148	1.3	164	0.7
-39	167	1.0	297	1.2	144	1.4	171	0.7

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
-38	167	1.0	302	1.2	141	1.4	178	0.7
-37	165	1.0	307	1.3	137	1.5	185	0.7
-36	164	1.0	311	1.4	133	1.5	193	0.7
-35	162	1.0	314	1.5	129	1.5	201	0.8
-34	160	1.1	316	1.5	125	1.5	209	0.8
-33	158	1.1	318	1.6	121	1.5	217	0.8
-32	156	1.1	319	1.7	116	1.5	225	0.8
-31	154	1.2	319	1.7	112	1.4	233	0.8
-30	151	1.2	319	1.8	108	1.4	241	0.8
-29	149	1.3	317	1.8	104	1.4	249	0.8
-28	146	1.3	315	1.9	100	1.3	257	0.9
-27	143	1.4	312	1.9	96	1.3	265	0.9
-26	140	1.4	308	2.0	92	1.2	273	0.9
-25	136	1.4	303	2.0	89	1.2	280	1.0
-24	133	1.5	299	2.0	86	1.1	287	1.1
-23	129	1.5	293	2.0	83	1.1	294	1.1
-22	126	1.5	288	2.0	80	1.0	301	1.2
-21	122	1.5	282	2.0	78	1.0	307	1.3
-20	119	1.5	276	2.1	76	0.9	312	1.3
-19	116	1.4	270	2.1	75	0.9	317	1.4
-18	112	1.4	264	2.1	74	0.8	321	1.5
-17	110	1.4	259	2.1	74	0.8	325	1.6
-16	107	1.4	254	2.1	75	0.8	328	1.6
-15	105	1.4	249	2.1	77	0.8	330	1.7
-14	105	1.3	244	2.1	79	0.8	331	1.8
-13	105	1.3	240	2.1	81	0.8	331	1.9
-12	107	1.3	237	2.1	84	0.8	330	1.9
-11	111	1.4	234	2.2	86	0.8	329	2.0
-10	116	1.4	232	2.2	89	0.8	327	2.0
-9	122	1.4	231	2.2	92	0.8	324	2.1
-8	128	1.5	230	2.3	95	0.8	321	2.1
-7	135	1.5	230	2.3	98	0.9	317	2.1
-6	142	1.6	231	2.4	102	0.9	313	2.2
-5	150	1.7	233	2.4	105	1.0	308	2.2
-4	157	1.8	235	2.5	109	1.0	303	2.2
-3	165	1.9	238	2.6	113	1.1	299	2.3
-2	173	2.0	242	2.6	117	1.1	294	2.3
-1	182	2.1	247	2.7	121	1.2	289	2.3
0	190	2.2	252	2.8	126	1.3	284	2.3
1	199	2.3	258	2.9	130	1.3	280	2.3
2	208	2.4	264	3.0	135	1.4	276	2.4
3	218	2.5	272	3.1	140	1.5	273	2.4

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
4	227	2.6	279	3.1	146	1.6	271	2.4
5	237	2.8	288	3.2	151	1.6	268	2.5
6	247	2.9	297	3.3	157	1.7	267	2.5
7	258	3.0	306	3.4	163	1.8	267	2.6
8	268	3.1	315	3.5	170	1.9	267	2.6
9	279	3.2	325	3.6	177	2.0	268	2.7
10	289	3.3	335	3.6	184	2.1	269	2.7
11	299	3.3	346	3.7	191	2.2	272	2.8
12	310	3.4	356	3.7	199	2.3	275	2.9
13	320	3.4	366	3.8	207	2.4	279	2.9
14	330	3.5	376	3.8	215	2.6	284	3.0
15	339	3.5	385	3.8	224	2.7	289	3.1
16	348	3.5	394	3.7	233	2.8	296	3.2
17	357	3.5	403	3.7	242	2.9	303	3.3
18	365	3.4	411	3.6	251	3.0	310	3.4
19	372	3.4	418	3.6	261	3.1	318	3.4
20	379	3.3	425	3.5	271	3.2	327	3.5
21	385	3.2	430	3.4	281	3.3	336	3.6
22	390	3.1	435	3.3	291	3.4	345	3.6
23	394	3.0	440	3.2	301	3.5	354	3.7
24	398	2.9	443	3.1	311	3.5	364	3.7
25	400	2.8	445	2.9	321	3.6	373	3.8
26	403	2.6	447	2.8	331	3.6	383	3.8
27	404	2.5	448	2.7	340	3.6	392	3.8
28	405	2.5	448	2.6	349	3.6	401	3.8
29	406	2.4	448	2.5	358	3.6	409	3.8
30	406	2.3	448	2.5	366	3.5	417	3.7
31	405	2.3	446	2.4	373	3.5	424	3.6
32	405	2.3	445	2.4	380	3.4	431	3.6
33	404	2.3	443	2.4	386	3.3	437	3.5
34	403	2.3	442	2.4	391	3.2	442	3.4
35	402	2.3	440	2.4	396	3.1	446	3.2
36	402	2.3	438	2.4	400	3.0	449	3.1
37	401	2.3	437	2.4	403	2.9	452	3.0
38	401	2.3	436	2.4	405	2.8	453	2.9
39	401	2.3	435	2.4	407	2.7	454	2.8
40	402	2.3	434	2.4	408	2.6	455	2.7
41	402	2.3	434	2.4	408	2.5	455	2.6
42	403	2.3	433	2.4	409	2.4	454	2.5
43	404	2.4	433	2.4	408	2.4	453	2.5
44	405	2.4	432	2.4	408	2.3	451	2.4
45	406	2.4	431	2.4	407	2.3	449	2.4

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
46	406	2.5	430	2.5	406	2.3	447	2.4
47	406	2.6	428	2.6	405	2.3	445	2.4
48	406	2.7	426	2.7	405	2.3	443	2.4
49	405	2.8	424	2.8	404	2.3	442	2.4
50	403	2.9	420	2.9	404	2.3	440	2.4
51	401	3.0	416	3.0	404	2.3	439	2.4
52	398	3.1	412	3.1	404	2.3	438	2.4
53	394	3.2	407	3.2	405	2.3	437	2.4
54	390	3.4	401	3.3	406	2.3	436	2.4
55	385	3.4	394	3.4	406	2.3	435	2.4
56	379	3.5	386	3.5	407	2.4	434	2.4
57	372	3.6	378	3.6	408	2.4	434	2.4
58	365	3.6	370	3.6	408	2.5	432	2.5
59	357	3.7	360	3.7	408	2.5	431	2.5
60	349	3.7	351	3.7	408	2.6	429	2.6
61	340	3.7	341	3.7	407	2.7	426	2.7
62	331	3.7	330	3.6	405	2.8	423	2.8
63	321	3.6	320	3.6	403	2.9	419	2.9
64	311	3.6	309	3.6	400	3.1	415	3.1
65	301	3.5	298	3.5	397	3.2	410	3.2
66	291	3.4	287	3.4	393	3.3	404	3.3
67	282	3.3	277	3.3	388	3.4	398	3.4
68	272	3.3	266	3.2	382	3.5	390	3.5
69	262	3.2	256	3.1	376	3.6	383	3.5
70	253	3.0	246	3.0	369	3.6	374	3.6
71	243	2.9	236	2.9	361	3.7	365	3.6
72	234	2.8	226	2.8	353	3.7	355	3.7
73	225	2.7	217	2.7	344	3.7	345	3.7
74	217	2.6	208	2.6	335	3.7	335	3.7
75	209	2.5	200	2.5	325	3.6	325	3.6
76	201	2.4	192	2.4	315	3.6	314	3.6
77	193	2.3	184	2.3	305	3.5	303	3.5
78	186	2.2	176	2.2	295	3.5	292	3.4
79	179	2.1	169	2.1	285	3.4	281	3.4
80	172	2.0	163	2.0	276	3.3	271	3.3
81	166	1.9	156	1.9	266	3.2	260	3.2
82	160	1.8	150	1.8	256	3.1	250	3.1
83	154	1.8	144	1.7	247	3.0	240	3.0
84	149	1.7	138	1.7	237	2.9	230	2.9
85	143	1.6	133	1.6	229	2.8	221	2.8
86	138	1.5	128	1.5	220	2.7	212	2.7
87	133	1.5	123	1.4	212	2.6	203	2.5

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
88	129	1.4	119	1.4	203	2.4	195	2.4
89	124	1.3	114	1.3	196	2.3	187	2.3
90	120	1.3	110	1.3	188	2.2	179	2.2
91	116	1.2	106	1.2	181	2.1	172	2.1
92	112	1.2	102	1.1	174	2.1	165	2.0
93	109	1.1	99	1.1	168	2.0	159	1.9
94	105	1.1	95	1.0	162	1.9	152	1.9
95	102	1.0	92	1.0	156	1.8	146	1.8
96	99	1.0	89	1.0	150	1.7	141	1.7
97	96	0.9	86	0.9	145	1.6	135	1.6
98	93	0.9	83	0.9	140	1.6	130	1.5
99	90	0.9	81	0.8	135	1.5	125	1.5
100	87	0.8	78	0.8	130	1.4	120	1.4
101	85	0.8	76	0.8	126	1.4	116	1.3
102	82	0.8	73	0.7	121	1.3	112	1.3
103	80	0.7	71	0.7	117	1.2	108	1.2
104	78	0.7	69	0.7	113	1.2	104	1.2
105	76	0.7	67	0.7	110	1.1	100	1.1
106	74	0.6	65	0.6	106	1.1	97	1.1
107	72	0.6	63	0.6	103	1.0	93	1.0
108	70	0.6	61	0.6	99	1.0	90	1.0
109	68	0.6	59	0.6	96	0.9	87	0.9
110	66	0.6	57	0.5	93	0.9	84	0.9
111	64	0.5	56	0.5	91	0.9	81	0.9
112	63	0.5	54	0.5	88	0.8	79	0.8
113	61	0.5	53	0.5	85	0.8	76	0.8
114	60	0.5	51	0.5	83	0.8	74	0.8
115	58	0.5	50	0.5	80	0.7	71	0.7
116	57	0.4	49	0.4	78	0.7	69	0.7
117	55	0.4	47	0.4	76	0.7	67	0.7
118	54	0.4	46	0.4	74	0.7	65	0.6
119	53	0.4	45	0.4	72	0.6	63	0.6
120	52	0.4	44	0.4	70	0.6	61	0.6
121	50	0.4	43	0.4	68	0.6	60	0.6
122	49	0.4	42	0.4	66	0.6	58	0.6
123	48	0.4	41	0.3	65	0.5	56	0.5
124	47	0.3	40	0.3	63	0.5	55	0.5
125	46	0.3	39	0.3	61	0.5	53	0.5
126	45	0.3	38	0.3	60	0.5	52	0.5
127	44	0.3	37	0.3	58	0.5	50	0.5
128	43	0.3	36	0.3	57	0.5	49	0.4
129	42	0.3	35	0.3	55	0.4	48	0.4

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
130	41	0.3	34	0.3	54	0.4	46	0.4
131	41	0.3	34	0.3	53	0.4	45	0.4
132	40	0.3	33	0.3	52	0.4	44	0.4
133	39	0.3	32	0.3	50	0.4	43	0.4
134	38	0.3	31	0.2	49	0.4	42	0.4
135	37	0.2	31	0.2	48	0.4	41	0.4
136	37	0.2	30	0.2	47	0.3	40	0.3
137	36	0.2	29	0.2	46	0.3	39	0.3
138	35	0.2	29	0.2	45	0.3	38	0.3
139	35	0.2	28	0.2	44	0.3	37	0.3
140	34	0.2	28	0.2	43	0.3	36	0.3
141	33	0.2	27	0.2	42	0.3	35	0.3
142	33	0.2	27	0.2	41	0.3	34	0.3
143	32	0.2	26	0.2	40	0.3	34	0.3
144	31	0.2	25	0.2	40	0.3	33	0.3
145	31	0.2	25	0.2	39	0.3	32	0.3
146	30	0.2	24	0.2	38	0.3	31	0.3
147	30	0.2	24	0.2	37	0.2	31	0.2
148	29	0.2	24	0.2	37	0.2	30	0.2
149	29	0.2	23	0.2	36	0.2	29	0.2
150	28	0.2	23	0.2	35	0.2	29	0.2
151	28	0.2	22	0.2	34	0.2	28	0.2
152	27	0.2	22	0.2	34	0.2	28	0.2
153	27	0.2	21	0.1	33	0.2	27	0.2
154	26	0.1	21	0.1	33	0.2	27	0.2
155	26	0.1	21	0.1	32	0.2	26	0.2
156	26	0.1	20	0.1	31	0.2	25	0.2
157	25	0.1	20	0.1	31	0.2	25	0.2
158	25	0.1	20	0.1	30	0.2	24	0.2
159	24	0.1	19	0.1	30	0.2	24	0.2
160	24	0.1	19	0.1	29	0.2	24	0.2
161	24	0.1	19	0.1	29	0.2	23	0.2
162	23	0.1	18	0.1	28	0.2	23	0.2
163	23	0.1	18	0.1	28	0.2	22	0.2
164	23	0.1	18	0.1	27	0.2	22	0.2
165	22	0.1	17	0.1	27	0.2	21	0.2
166	22	0.1	17	0.1	26	0.1	21	0.1
167	22	0.1	17	0.1	26	0.1	21	0.1
168	21	0.1	16	0.1	25	0.1	20	0.1
169	21	0.1	16	0.1	25	0.1	20	0.1
170	21	0.1	16	0.1	25	0.1	20	0.1
171	20	0.1	16	0.1	24	0.1	19	0.1

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
172	20	0.1	15	0.1	24	0.1	19	0.1
173	20	0.1	15	0.1	23	0.1	19	0.1
174	19	0.1	15	0.1	23	0.1	18	0.1
175	19	0.1	15	0.1	23	0.1	18	0.1
176	19	0.1	14	0.1	22	0.1	18	0.1
177	19	0.1	14	0.1	22	0.1	17	0.1
178	18	0.1	14	0.1	22	0.1	17	0.1
179	18	0.1	14	0.1	21	0.1	17	0.1
180	18	0.1	14	0.1	21	0.1	16	0.1
181	18	0.1	13	0.1	21	0.1	16	0.1
182	17	0.1	13	0.1	20	0.1	16	0.1
183	17	0.1	13	0.1	20	0.1	16	0.1
184	17	0.1	13	0.1	20	0.1	15	0.1
185	17	0.1	13	0.1	20	0.1	15	0.1
186	16	0.1	12	0.1	19	0.1	15	0.1
187	16	0.1	12	0.1	19	0.1	15	0.1
188	16	0.1	12	0.1	19	0.1	14	0.1
189	16	0.1	12	0.1	18	0.1	14	0.1
190	16	0.1	12	0.1	18	0.1	14	0.1
191	15	0.1	12	0.1	18	0.1	14	0.1
192	15	0.1	11	0.1	18	0.1	14	0.1
193	15	0.1	11	0.1	17	0.1	13	0.1
194	15	0.1	11	0.1	17	0.1	13	0.1
195	15	0.1	11	0.1	17	0.1	13	0.1
196	14	0.1	11	0.1	17	0.1	13	0.1
197	14	0.1	11	0.1	17	0.1	13	0.1
198	14	0.1	11	0.1	16	0.1	12	0.1
199	14	0.1	10	0.1	16	0.1	12	0.1
200	14	0.1	10	0.1	16	0.1	12	0.1
201	14	0.1	10	0.1	16	0.1	12	0.1
202	13	0.1	10	0.1	16	0.1	12	0.1
203	13	0.1	9.9	0.1	15	0.1	12	0.1
204	13	0.1	9.7	0.1	15	0.1	11	0.1
205	13	0.1	9.6	0.1	15	0.1	11	0.1
206	13	0.1	9.5	0.1	15	0.1	11	0.1
207	13	0.1	9.4	0.1	15	0.1	11	0.1
208	13	0.1	9.3	<0.1	14	0.1	11	0.1
209	12	0.1	9.1	<0.1	14	0.1	11	0.1
210	12	<0.1	9.0	<0.1	14	0.1	11	0.1
211	12	<0.1	8.9	<0.1	14	0.1	10	0.1
212	12	<0.1	8.8	<0.1	14	0.1	10	0.1
213	12	<0.1	8.7	<0.1	14	0.1	10	0.1

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
214	12	<0.1	8.6	<0.1	13	0.1	10.0	0.1
215	12	<0.1	8.5	<0.1	13	0.1	9.8	0.1
216	11	<0.1	8.4	<0.1	13	0.1	9.7	0.1
217	11	<0.1	8.3	<0.1	13	0.1	9.6	0.1
218	11	<0.1	8.2	<0.1	13	0.1	9.5	0.1
219	11	<0.1	8.1	<0.1	13	0.1	9.3	0.1
220	11	<0.1	8.0	<0.1	12	0.1	9.2	0.1
221	11	<0.1	7.9	<0.1	12	<0.1	9.1	0.1
222	11	<0.1	7.8	<0.1	12	<0.1	9.0	<0.1
223	11	<0.1	7.7	<0.1	12	<0.1	8.9	<0.1
224	11	<0.1	7.6	<0.1	12	<0.1	8.8	<0.1
225	10	<0.1	7.6	<0.1	12	<0.1	8.7	<0.1
226	10	<0.1	7.5	<0.1	12	<0.1	8.6	<0.1
227	10	<0.1	7.4	<0.1	12	<0.1	8.5	<0.1
228	10	<0.1	7.3	<0.1	11	<0.1	8.4	<0.1
229	10	<0.1	7.2	<0.1	11	<0.1	8.3	<0.1
230	9.9	<0.1	7.1	<0.1	11	<0.1	8.2	<0.1
231	9.8	<0.1	7.1	<0.1	11	<0.1	8.1	<0.1
232	9.7	<0.1	7.0	<0.1	11	<0.1	8.0	<0.1
233	9.6	<0.1	6.9	<0.1	11	<0.1	7.9	<0.1
234	9.5	<0.1	6.8	<0.1	11	<0.1	7.8	<0.1
235	9.4	<0.1	6.8	<0.1	11	<0.1	7.7	<0.1
236	9.3	<0.1	6.7	<0.1	10	<0.1	7.6	<0.1
237	9.2	<0.1	6.6	<0.1	10	<0.1	7.5	<0.1
238	9.1	<0.1	6.5	<0.1	10	<0.1	7.4	<0.1
239	9.1	<0.1	6.5	<0.1	10	<0.1	7.3	<0.1
240	9.0	<0.1	6.4	<0.1	10	<0.1	7.3	<0.1
241	8.9	<0.1	6.3	<0.1	9.9	<0.1	7.2	<0.1
242	8.8	<0.1	6.3	<0.1	9.8	<0.1	7.1	<0.1
243	8.7	<0.1	6.2	<0.1	9.7	<0.1	7.0	<0.1
244	8.6	<0.1	6.1	<0.1	9.6	<0.1	7.0	<0.1
245	8.6	<0.1	6.1	<0.1	9.5	<0.1	6.9	<0.1
246	8.5	<0.1	6.0	<0.1	9.4	<0.1	6.8	<0.1
247	8.4	<0.1	6.0	<0.1	9.3	<0.1	6.7	<0.1
248	8.3	<0.1	5.9	<0.1	9.2	<0.1	6.7	<0.1
249	8.2	<0.1	5.8	<0.1	9.2	<0.1	6.6	<0.1
250	8.2	<0.1	5.8	<0.1	9.1	<0.1	6.5	<0.1
251	8.1	<0.1	5.7	<0.1	9.0	<0.1	6.4	<0.1
252	8.0	<0.1	5.7	<0.1	8.9	<0.1	6.4	<0.1
253	7.9	<0.1	5.6	<0.1	8.8	<0.1	6.3	<0.1
254	7.9	<0.1	5.6	<0.1	8.7	<0.1	6.2	<0.1
255	7.8	<0.1	5.5	<0.1	8.6	<0.1	6.2	<0.1

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
256	7.7	<0.1	5.4	<0.1	8.6	<0.1	6.1	<0.1
257	7.7	<0.1	5.4	<0.1	8.5	<0.1	6.1	<0.1
258	7.6	<0.1	5.3	<0.1	8.4	<0.1	6.0	<0.1
259	7.5	<0.1	5.3	<0.1	8.3	<0.1	5.9	<0.1
260	7.5	<0.1	5.2	<0.1	8.2	<0.1	5.9	<0.1
261	7.4	<0.1	5.2	<0.1	8.2	<0.1	5.8	<0.1
262	7.3	<0.1	5.1	<0.1	8.1	<0.1	5.8	<0.1
263	7.3	<0.1	5.1	<0.1	8.0	<0.1	5.7	<0.1
264	7.2	<0.1	5.0	<0.1	7.9	<0.1	5.6	<0.1
265	7.1	<0.1	5.0	<0.1	7.9	<0.1	5.6	<0.1
266	7.1	<0.1	4.9	<0.1	7.8	<0.1	5.5	<0.1
267	7.0	<0.1	4.9	<0.1	7.7	<0.1	5.5	<0.1
268	7.0	<0.1	4.9	<0.1	7.7	<0.1	5.4	<0.1
269	6.9	<0.1	4.8	<0.1	7.6	<0.1	5.4	<0.1
270	6.8	<0.1	4.8	<0.1	7.5	<0.1	5.3	<0.1
271	6.8	<0.1	4.7	<0.1	7.5	<0.1	5.3	<0.1
272	6.7	<0.1	4.7	<0.1	7.4	<0.1	5.2	<0.1
273	6.7	<0.1	4.6	<0.1	7.3	<0.1	5.2	<0.1
274	6.6	<0.1	4.6	<0.1	7.3	<0.1	5.1	<0.1
275	6.6	<0.1	4.6	<0.1	7.2	<0.1	5.1	<0.1
276	6.5	<0.1	4.5	<0.1	7.1	<0.1	5.0	<0.1
277	6.5	<0.1	4.5	<0.1	7.1	<0.1	5.0	<0.1
278	6.4	<0.1	4.4	<0.1	7.0	<0.1	4.9	<0.1
279	6.4	<0.1	4.4	<0.1	7.0	<0.1	4.9	<0.1
280	6.3	<0.1	4.4	<0.1	6.9	<0.1	4.8	<0.1
281	6.2	<0.1	4.3	<0.1	6.8	<0.1	4.8	<0.1
282	6.2	<0.1	4.3	<0.1	6.8	<0.1	4.7	<0.1
283	6.1	<0.1	4.2	<0.1	6.7	<0.1	4.7	<0.1
284	6.1	<0.1	4.2	<0.1	6.7	<0.1	4.7	<0.1
285	6.1	<0.1	4.2	<0.1	6.6	<0.1	4.6	<0.1
286	6.0	<0.1	4.1	<0.1	6.6	<0.1	4.6	<0.1
287	6.0	<0.1	4.1	<0.1	6.5	<0.1	4.5	<0.1
288	5.9	<0.1	4.1	<0.1	6.5	<0.1	4.5	<0.1
289	5.9	<0.1	4.0	<0.1	6.4	<0.1	4.5	<0.1
290	5.8	<0.1	4.0	<0.1	6.3	<0.1	4.4	<0.1
291	5.8	<0.1	4.0	<0.1	6.3	<0.1	4.4	<0.1
292	5.7	<0.1	3.9	<0.1	6.2	<0.1	4.3	<0.1
293	5.7	<0.1	3.9	<0.1	6.2	<0.1	4.3	<0.1
294	5.6	<0.1	3.9	<0.1	6.1	<0.1	4.3	<0.1
295	5.6	<0.1	3.8	<0.1	6.1	<0.1	4.2	<0.1
296	5.6	<0.1	3.8	<0.1	6.0	<0.1	4.2	<0.1
297	5.5	<0.1	3.8	<0.1	6.0	<0.1	4.2	<0.1

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
298	5.5	<0.1	3.7	<0.1	6.0	<0.1	4.1	<0.1
299	5.4	<0.1	3.7	<0.1	5.9	<0.1	4.1	<0.1
300	5.4	<0.1	3.7	<0.1	5.9	<0.1	4.1	<0.1
301	5.4	<0.1	3.7	<0.1	5.8	<0.1	4.0	<0.1
302	5.3	<0.1	3.6	<0.1	5.8	<0.1	4.0	<0.1
303	5.3	<0.1	3.6	<0.1	5.7	<0.1	4.0	<0.1
304	5.2	<0.1	3.6	<0.1	5.7	<0.1	3.9	<0.1
305	5.2	<0.1	3.5	<0.1	5.6	<0.1	3.9	<0.1
306	5.2	<0.1	3.5	<0.1	5.6	<0.1	3.9	<0.1
307	5.1	<0.1	3.5	<0.1	5.5	<0.1	3.8	<0.1
308	5.1	<0.1	3.5	<0.1	5.5	<0.1	3.8	<0.1
309	5.0	<0.1	3.4	<0.1	5.5	<0.1	3.8	<0.1
310	5.0	<0.1	3.4	<0.1	5.4	<0.1	3.7	<0.1
311	5.0	<0.1	3.4	<0.1	5.4	<0.1	3.7	<0.1
312	4.9	<0.1	3.4	<0.1	5.3	<0.1	3.7	<0.1
313	4.9	<0.1	3.3	<0.1	5.3	<0.1	3.6	<0.1
314	4.9	<0.1	3.3	<0.1	5.3	<0.1	3.6	<0.1
315	4.8	<0.1	3.3	<0.1	5.2	<0.1	3.6	<0.1
316	4.8	<0.1	3.3	<0.1	5.2	<0.1	3.6	<0.1
317	4.8	<0.1	3.2	<0.1	5.1	<0.1	3.5	<0.1
318	4.7	<0.1	3.2	<0.1	5.1	<0.1	3.5	<0.1
319	4.7	<0.1	3.2	<0.1	5.1	<0.1	3.5	<0.1
320	4.7	<0.1	3.2	<0.1	5.0	<0.1	3.4	<0.1
321	4.6	<0.1	3.1	<0.1	5.0	<0.1	3.4	<0.1
322	4.6	<0.1	3.1	<0.1	5.0	<0.1	3.4	<0.1
323	4.6	<0.1	3.1	<0.1	4.9	<0.1	3.4	<0.1
324	4.5	<0.1	3.1	<0.1	4.9	<0.1	3.3	<0.1
325	4.5	<0.1	3.0	<0.1	4.9	<0.1	3.3	<0.1
326	4.5	<0.1	3.0	<0.1	4.8	<0.1	3.3	<0.1
327	4.4	<0.1	3.0	<0.1	4.8	<0.1	3.3	<0.1
328	4.4	<0.1	3.0	<0.1	4.8	<0.1	3.2	<0.1
329	4.4	<0.1	3.0	<0.1	4.7	<0.1	3.2	<0.1
330	4.4	<0.1	2.9	<0.1	4.7	<0.1	3.2	<0.1
331	4.3	<0.1	2.9	<0.1	4.7	<0.1	3.2	<0.1
332	4.3	<0.1	2.9	<0.1	4.6	<0.1	3.1	<0.1
333	4.3	<0.1	2.9	<0.1	4.6	<0.1	3.1	<0.1
334	4.2	<0.1	2.9	<0.1	4.6	<0.1	3.1	<0.1
335	4.2	<0.1	2.8	<0.1	4.5	<0.1	3.1	<0.1
336	4.2	<0.1	2.8	<0.1	4.5	<0.1	3.1	<0.1
337	4.2	<0.1	2.8	<0.1	4.5	<0.1	3.0	<0.1
338	4.1	<0.1	2.8	<0.1	4.4	<0.1	3.0	<0.1
339	4.1	<0.1	2.8	<0.1	4.4	<0.1	3.0	<0.1

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
340	4.1	<0.1	2.7	<0.1	4.4	<0.1	3.0	<0.1
341	4.1	<0.1	2.7	<0.1	4.3	<0.1	2.9	<0.1
342	4.0	<0.1	2.7	<0.1	4.3	<0.1	2.9	<0.1
343	4.0	<0.1	2.7	<0.1	4.3	<0.1	2.9	<0.1
344	4.0	<0.1	2.7	<0.1	4.3	<0.1	2.9	<0.1
345	4.0	<0.1	2.6	<0.1	4.2	<0.1	2.9	<0.1
346	3.9	<0.1	2.6	<0.1	4.2	<0.1	2.8	<0.1
347	3.9	<0.1	2.6	<0.1	4.2	<0.1	2.8	<0.1
348	3.9	<0.1	2.6	<0.1	4.2	<0.1	2.8	<0.1
349	3.9	<0.1	2.6	<0.1	4.1	<0.1	2.8	<0.1
350	3.8	<0.1	2.6	<0.1	4.1	<0.1	2.8	<0.1
351	3.8	<0.1	2.5	<0.1	4.1	<0.1	2.7	<0.1
352	3.8	<0.1	2.5	<0.1	4.0	<0.1	2.7	<0.1
353	3.8	<0.1	2.5	<0.1	4.0	<0.1	2.7	<0.1
354	3.7	<0.1	2.5	<0.1	4.0	<0.1	2.7	<0.1
355	3.7	<0.1	2.5	<0.1	4.0	<0.1	2.7	<0.1
356	3.7	<0.1	2.5	<0.1	3.9	<0.1	2.6	<0.1
357	3.7	<0.1	2.4	<0.1	3.9	<0.1	2.6	<0.1
358	3.6	<0.1	2.4	<0.1	3.9	<0.1	2.6	<0.1
359	3.6	<0.1	2.4	<0.1	3.9	<0.1	2.6	<0.1
360	3.6	<0.1	2.4	<0.1	3.8	<0.1	2.6	<0.1
361	3.6	<0.1	2.4	<0.1	3.8	<0.1	2.6	<0.1
362	3.6	<0.1	2.4	<0.1	3.8	<0.1	2.5	<0.1
363	3.5	<0.1	2.3	<0.1	3.8	<0.1	2.5	<0.1
364	3.5	<0.1	2.3	<0.1	3.7	<0.1	2.5	<0.1
365	3.5	<0.1	2.3	<0.1	3.7	<0.1	2.5	<0.1
366	3.5	<0.1	2.3	<0.1	3.7	<0.1	2.5	<0.1
367	3.4	<0.1	2.3	<0.1	3.7	<0.1	2.5	<0.1
368	3.4	<0.1	2.3	<0.1	3.7	<0.1	2.4	<0.1
369	3.4	<0.1	2.3	<0.1	3.6	<0.1	2.4	<0.1
370	3.4	<0.1	2.2	<0.1	3.6	<0.1	2.4	<0.1
371	3.4	<0.1	2.2	<0.1	3.6	<0.1	2.4	<0.1
372	3.3	<0.1	2.2	<0.1	3.6	<0.1	2.4	<0.1
373	3.3	<0.1	2.2	<0.1	3.5	<0.1	2.4	<0.1
374	3.3	<0.1	2.2	<0.1	3.5	<0.1	2.3	<0.1
375	3.3	<0.1	2.2	<0.1	3.5	<0.1	2.3	<0.1
376	3.3	<0.1	2.2	<0.1	3.5	<0.1	2.3	<0.1
377	3.3	<0.1	2.1	<0.1	3.5	<0.1	2.3	<0.1
378	3.2	<0.1	2.1	<0.1	3.4	<0.1	2.3	<0.1
379	3.2	<0.1	2.1	<0.1	3.4	<0.1	2.3	<0.1
380	3.2	<0.1	2.1	<0.1	3.4	<0.1	2.3	<0.1
381	3.2	<0.1	2.1	<0.1	3.4	<0.1	2.2	<0.1

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
382	3.2	<0.1	2.1	<0.1	3.4	<0.1	2.2	<0.1
383	3.1	<0.1	2.1	<0.1	3.3	<0.1	2.2	<0.1
384	3.1	<0.1	2.1	<0.1	3.3	<0.1	2.2	<0.1
385	3.1	<0.1	2.0	<0.1	3.3	<0.1	2.2	<0.1
386	3.1	<0.1	2.0	<0.1	3.3	<0.1	2.2	<0.1
387	3.1	<0.1	2.0	<0.1	3.3	<0.1	2.2	<0.1
388	3.1	<0.1	2.0	<0.1	3.2	<0.1	2.2	<0.1
389	3.0	<0.1	2.0	<0.1	3.2	<0.1	2.1	<0.1
390	3.0	<0.1	2.0	<0.1	3.2	<0.1	2.1	<0.1
391	3.0	<0.1	2.0	<0.1	3.2	<0.1	2.1	<0.1
392	3.0	<0.1	2.0	<0.1	3.2	<0.1	2.1	<0.1
393	3.0	<0.1	1.9	<0.1	3.2	<0.1	2.1	<0.1
394	3.0	<0.1	1.9	<0.1	3.1	<0.1	2.1	<0.1
395	2.9	<0.1	1.9	<0.1	3.1	<0.1	2.1	<0.1
396	2.9	<0.1	1.9	<0.1	3.1	<0.1	2.0	<0.1
397	2.9	<0.1	1.9	<0.1	3.1	<0.1	2.0	<0.1
398	2.9	<0.1	1.9	<0.1	3.1	<0.1	2.0	<0.1
399	2.9	<0.1	1.9	<0.1	3.0	<0.1	2.0	<0.1
400	2.9	<0.1	1.9	<0.1	3.0	<0.1	2.0	<0.1
401	2.8	<0.1	1.9	<0.1	3.0	<0.1	2.0	<0.1
402	2.8	<0.1	1.9	<0.1	3.0	<0.1	2.0	<0.1
403	2.8	<0.1	1.8	<0.1	3.0	<0.1	2.0	<0.1
404	2.8	<0.1	1.8	<0.1	3.0	<0.1	2.0	<0.1
405	2.8	<0.1	1.8	<0.1	2.9	<0.1	1.9	<0.1
406	2.8	<0.1	1.8	<0.1	2.9	<0.1	1.9	<0.1
407	2.8	<0.1	1.8	<0.1	2.9	<0.1	1.9	<0.1
408	2.7	<0.1	1.8	<0.1	2.9	<0.1	1.9	<0.1
409	2.7	<0.1	1.8	<0.1	2.9	<0.1	1.9	<0.1
410	2.7	<0.1	1.8	<0.1	2.9	<0.1	1.9	<0.1
411	2.7	<0.1	1.8	<0.1	2.8	<0.1	1.9	<0.1
412	2.7	<0.1	1.7	<0.1	2.8	<0.1	1.9	<0.1
413	2.7	<0.1	1.7	<0.1	2.8	<0.1	1.9	<0.1
414	2.7	<0.1	1.7	<0.1	2.8	<0.1	1.8	<0.1
415	2.6	<0.1	1.7	<0.1	2.8	<0.1	1.8	<0.1
416	2.6	<0.1	1.7	<0.1	2.8	<0.1	1.8	<0.1
417	2.6	<0.1	1.7	<0.1	2.8	<0.1	1.8	<0.1
418	2.6	<0.1	1.7	<0.1	2.7	<0.1	1.8	<0.1
419	2.6	<0.1	1.7	<0.1	2.7	<0.1	1.8	<0.1
420	2.6	<0.1	1.7	<0.1	2.7	<0.1	1.8	<0.1
421	2.6	<0.1	1.7	<0.1	2.7	<0.1	1.8	<0.1
422	2.5	<0.1	1.7	<0.1	2.7	<0.1	1.8	<0.1
423	2.5	<0.1	1.6	<0.1	2.7	<0.1	1.8	<0.1

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
424	2.5	<0.1	1.6	<0.1	2.7	<0.1	1.7	<0.1
425	2.5	<0.1	1.6	<0.1	2.6	<0.1	1.7	<0.1
426	2.5	<0.1	1.6	<0.1	2.6	<0.1	1.7	<0.1
427	2.5	<0.1	1.6	<0.1	2.6	<0.1	1.7	<0.1
428	2.5	<0.1	1.6	<0.1	2.6	<0.1	1.7	<0.1
429	2.5	<0.1	1.6	<0.1	2.6	<0.1	1.7	<0.1
430	2.4	<0.1	1.6	<0.1	2.6	<0.1	1.7	<0.1
431	2.4	<0.1	1.6	<0.1	2.6	<0.1	1.7	<0.1
432	2.4	<0.1	1.6	<0.1	2.5	<0.1	1.7	<0.1
433	2.4	<0.1	1.6	<0.1	2.5	<0.1	1.7	<0.1
434	2.4	<0.1	1.6	<0.1	2.5	<0.1	1.7	<0.1
435	2.4	<0.1	1.5	<0.1	2.5	<0.1	1.6	<0.1
436	2.4	<0.1	1.5	<0.1	2.5	<0.1	1.6	<0.1
437	2.4	<0.1	1.5	<0.1	2.5	<0.1	1.6	<0.1
438	2.3	<0.1	1.5	<0.1	2.5	<0.1	1.6	<0.1
439	2.3	<0.1	1.5	<0.1	2.5	<0.1	1.6	<0.1
440	2.3	<0.1	1.5	<0.1	2.4	<0.1	1.6	<0.1
441	2.3	<0.1	1.5	<0.1	2.4	<0.1	1.6	<0.1
442	2.3	<0.1	1.5	<0.1	2.4	<0.1	1.6	<0.1
443	2.3	<0.1	1.5	<0.1	2.4	<0.1	1.6	<0.1
444	2.3	<0.1	1.5	<0.1	2.4	<0.1	1.6	<0.1
445	2.3	<0.1	1.5	<0.1	2.4	<0.1	1.6	<0.1
446	2.3	<0.1	1.5	<0.1	2.4	<0.1	1.5	<0.1
447	2.2	<0.1	1.5	<0.1	2.4	<0.1	1.5	<0.1
448	2.2	<0.1	1.4	<0.1	2.4	<0.1	1.5	<0.1
449	2.2	<0.1	1.4	<0.1	2.3	<0.1	1.5	<0.1
450	2.2	<0.1	1.4	<0.1	2.3	<0.1	1.5	<0.1
451	2.2	<0.1	1.4	<0.1	2.3	<0.1	1.5	<0.1
452	2.2	<0.1	1.4	<0.1	2.3	<0.1	1.5	<0.1
453	2.2	<0.1	1.4	<0.1	2.3	<0.1	1.5	<0.1
454	2.2	<0.1	1.4	<0.1	2.3	<0.1	1.5	<0.1
455	2.2	<0.1	1.4	<0.1	2.3	<0.1	1.5	<0.1
456	2.2	<0.1	1.4	<0.1	2.3	<0.1	1.5	<0.1
457	2.1	<0.1	1.4	<0.1	2.3	<0.1	1.5	<0.1
458	2.1	<0.1	1.4	<0.1	2.2	<0.1	1.5	<0.1
459	2.1	<0.1	1.4	<0.1	2.2	<0.1	1.4	<0.1
460	2.1	<0.1	1.4	<0.1	2.2	<0.1	1.4	<0.1
461	2.1	<0.1	1.4	<0.1	2.2	<0.1	1.4	<0.1
462	2.1	<0.1	1.3	<0.1	2.2	<0.1	1.4	<0.1
463	2.1	<0.1	1.3	<0.1	2.2	<0.1	1.4	<0.1
464	2.1	<0.1	1.3	<0.1	2.2	<0.1	1.4	<0.1
465	2.1	<0.1	1.3	<0.1	2.2	<0.1	1.4	<0.1

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Table D-7 – Continued from previous page

Dist (feet)	XS-949-4 Existing Magnetic Field Maximum (mG)	XS-949-4 Existing Electric Field Resultant (kV/m)	XS-949-4 Proposed Magnetic Field Maximum (mG)	XS-949-4 Proposed Electric Field Resultant (kV/m)	XS-949-5 Existing Magnetic Field Maximum (mG)	XS-949-5 Existing Electric Field Resultant (kV/m)	XS-949-5 Proposed Magnetic Field Maximum (mG)	XS-949-5 Proposed Electric Field Resultant (kV/m)
466	2.1	<0.1	1.3	<0.1	2.2	<0.1	1.4	<0.1
467	2.0	<0.1	1.3	<0.1	2.1	<0.1	1.4	<0.1
468	2.0	<0.1	1.3	<0.1	2.1	<0.1	1.4	<0.1
469	2.0	<0.1	1.3	<0.1	2.1	<0.1	1.4	<0.1
470	2.0	<0.1	1.3	<0.1	2.1	<0.1	1.4	<0.1
471	2.0	<0.1	1.3	<0.1	2.1	<0.1	1.4	<0.1
472	2.0	<0.1	1.3	<0.1	2.1	<0.1	1.4	<0.1
473	2.0	<0.1	1.3	<0.1	2.1	<0.1	1.4	<0.1
474	2.0	<0.1	1.3	<0.1	2.1	<0.1	1.3	<0.1
475	2.0	<0.1	1.3	<0.1	2.1	<0.1	1.3	<0.1
476	2.0	<0.1	1.3	<0.1	2.1	<0.1	1.3	<0.1
477	2.0	<0.1	1.3	<0.1	2.0	<0.1	1.3	<0.1
478	1.9	<0.1	1.3	<0.1	2.0	<0.1	1.3	<0.1
479	1.9	<0.1	1.2	<0.1	2.0	<0.1	1.3	<0.1
480	1.9	<0.1	1.2	<0.1	2.0	<0.1	1.3	<0.1
481	1.9	<0.1	1.2	<0.1	2.0	<0.1	1.3	<0.1
482	1.9	<0.1	1.2	<0.1	2.0	<0.1	1.3	<0.1
483	1.9	<0.1	1.2	<0.1	2.0	<0.1	1.3	<0.1
484	1.9	<0.1	1.2	<0.1	2.0	<0.1	1.3	<0.1
485	1.9	<0.1	1.2	<0.1	2.0	<0.1	1.3	<0.1
486	1.9	<0.1	1.2	<0.1	2.0	<0.1	1.3	<0.1
487	1.9	<0.1	1.2	<0.1	2.0	<0.1	1.3	<0.1
488	1.9	<0.1	1.2	<0.1	1.9	<0.1	1.3	<0.1
489	1.9	<0.1	1.2	<0.1	1.9	<0.1	1.3	<0.1
490	1.8	<0.1	1.2	<0.1	1.9	<0.1	1.2	<0.1
491	1.8	<0.1	1.2	<0.1	1.9	<0.1	1.2	<0.1
492	1.8	<0.1	1.2	<0.1	1.9	<0.1	1.2	<0.1
493	1.8	<0.1	1.2	<0.1	1.9	<0.1	1.2	<0.1
494	1.8	<0.1	1.2	<0.1	1.9	<0.1	1.2	<0.1
495	1.8	<0.1	1.2	<0.1	1.9	<0.1	1.2	<0.1
496	1.8	<0.1	1.2	<0.1	1.9	<0.1	1.2	<0.1
497	1.8	<0.1	1.1	<0.1	1.9	<0.1	1.2	<0.1
498	1.8	<0.1	1.1	<0.1	1.9	<0.1	1.2	<0.1
499	1.8	<0.1	1.1	<0.1	1.9	<0.1	1.2	<0.1
500	1.8	<0.1	1.1	<0.1	1.8	<0.1	1.2	<0.1

Table D-8. Calculated EMF levels for XS-949-6 through XS-949-6

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
-500	1.4	<0.1	1.5	<0.1
-499	1.4	<0.1	1.5	<0.1
-498	1.4	<0.1	1.5	<0.1
-497	1.4	<0.1	1.5	<0.1
-496	1.4	<0.1	1.5	<0.1
-495	1.4	<0.1	1.5	<0.1
-494	1.4	<0.1	1.5	<0.1
-493	1.4	<0.1	1.5	<0.1
-492	1.4	<0.1	1.5	<0.1
-491	1.4	<0.1	1.5	<0.1
-490	1.4	<0.1	1.5	<0.1
-489	1.5	<0.1	1.5	<0.1
-488	1.5	<0.1	1.5	<0.1
-487	1.5	<0.1	1.5	<0.1
-486	1.5	<0.1	1.5	<0.1
-485	1.5	<0.1	1.5	<0.1
-484	1.5	<0.1	1.6	<0.1
-483	1.5	<0.1	1.6	<0.1
-482	1.5	<0.1	1.6	<0.1
-481	1.5	<0.1	1.6	<0.1
-480	1.5	<0.1	1.6	<0.1
-479	1.5	<0.1	1.6	<0.1
-478	1.5	<0.1	1.6	<0.1
-477	1.5	<0.1	1.6	<0.1
-476	1.5	<0.1	1.6	<0.1
-475	1.5	<0.1	1.6	<0.1
-474	1.5	<0.1	1.6	<0.1
-473	1.5	<0.1	1.6	<0.1
-472	1.6	<0.1	1.6	<0.1
-471	1.6	<0.1	1.6	<0.1
-470	1.6	<0.1	1.7	<0.1
-469	1.6	<0.1	1.7	<0.1
-468	1.6	<0.1	1.7	<0.1
-467	1.6	<0.1	1.7	<0.1
-466	1.6	<0.1	1.7	<0.1
-465	1.6	<0.1	1.7	<0.1
-464	1.6	<0.1	1.7	<0.1
-463	1.6	<0.1	1.7	<0.1
-462	1.6	<0.1	1.7	<0.1
-461	1.6	<0.1	1.7	<0.1
-460	1.6	<0.1	1.7	<0.1
-459	1.6	<0.1	1.7	<0.1
-458	1.6	<0.1	1.7	<0.1

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
-457	1.7	<0.1	1.8	<0.1
-456	1.7	<0.1	1.8	<0.1
-455	1.7	<0.1	1.8	<0.1
-454	1.7	<0.1	1.8	<0.1
-453	1.7	<0.1	1.8	<0.1
-452	1.7	<0.1	1.8	<0.1
-451	1.7	<0.1	1.8	<0.1
-450	1.7	<0.1	1.8	<0.1
-449	1.7	<0.1	1.8	<0.1
-448	1.7	<0.1	1.8	<0.1
-447	1.7	<0.1	1.8	<0.1
-446	1.7	<0.1	1.8	<0.1
-445	1.7	<0.1	1.9	<0.1
-444	1.7	<0.1	1.9	<0.1
-443	1.8	<0.1	1.9	<0.1
-442	1.8	<0.1	1.9	<0.1
-441	1.8	<0.1	1.9	<0.1
-440	1.8	<0.1	1.9	<0.1
-439	1.8	<0.1	1.9	<0.1
-438	1.8	<0.1	1.9	<0.1
-437	1.8	<0.1	1.9	<0.1
-436	1.8	<0.1	1.9	<0.1
-435	1.8	<0.1	1.9	<0.1
-434	1.8	<0.1	2.0	<0.1
-433	1.8	<0.1	2.0	<0.1
-432	1.8	<0.1	2.0	<0.1
-431	1.8	<0.1	2.0	<0.1
-430	1.9	<0.1	2.0	<0.1
-429	1.9	<0.1	2.0	<0.1
-428	1.9	<0.1	2.0	<0.1
-427	1.9	<0.1	2.0	<0.1
-426	1.9	<0.1	2.0	<0.1
-425	1.9	<0.1	2.0	<0.1
-424	1.9	<0.1	2.1	<0.1
-423	1.9	<0.1	2.1	<0.1
-422	1.9	<0.1	2.1	<0.1
-421	1.9	<0.1	2.1	<0.1
-420	1.9	<0.1	2.1	<0.1
-419	1.9	<0.1	2.1	<0.1
-418	2.0	<0.1	2.1	<0.1
-417	2.0	<0.1	2.1	<0.1
-416	2.0	<0.1	2.1	<0.1
-415	2.0	<0.1	2.1	<0.1

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
-414	2.0	<0.1	2.2	<0.1
-413	2.0	<0.1	2.2	<0.1
-412	2.0	<0.1	2.2	<0.1
-411	2.0	<0.1	2.2	<0.1
-410	2.0	<0.1	2.2	<0.1
-409	2.0	<0.1	2.2	<0.1
-408	2.0	<0.1	2.2	<0.1
-407	2.1	<0.1	2.2	<0.1
-406	2.1	<0.1	2.2	<0.1
-405	2.1	<0.1	2.3	<0.1
-404	2.1	<0.1	2.3	<0.1
-403	2.1	<0.1	2.3	<0.1
-402	2.1	<0.1	2.3	<0.1
-401	2.1	<0.1	2.3	<0.1
-400	2.1	<0.1	2.3	<0.1
-399	2.1	<0.1	2.3	<0.1
-398	2.1	<0.1	2.3	<0.1
-397	2.2	<0.1	2.4	<0.1
-396	2.2	<0.1	2.4	<0.1
-395	2.2	<0.1	2.4	<0.1
-394	2.2	<0.1	2.4	<0.1
-393	2.2	<0.1	2.4	<0.1
-392	2.2	<0.1	2.4	<0.1
-391	2.2	<0.1	2.4	<0.1
-390	2.2	<0.1	2.5	<0.1
-389	2.2	<0.1	2.5	<0.1
-388	2.3	<0.1	2.5	<0.1
-387	2.3	<0.1	2.5	<0.1
-386	2.3	<0.1	2.5	<0.1
-385	2.3	<0.1	2.5	<0.1
-384	2.3	<0.1	2.5	<0.1
-383	2.3	<0.1	2.5	<0.1
-382	2.3	<0.1	2.6	<0.1
-381	2.3	<0.1	2.6	<0.1
-380	2.3	<0.1	2.6	<0.1
-379	2.4	<0.1	2.6	<0.1
-378	2.4	<0.1	2.6	<0.1
-377	2.4	<0.1	2.6	<0.1
-376	2.4	<0.1	2.7	<0.1
-375	2.4	<0.1	2.7	<0.1
-374	2.4	<0.1	2.7	<0.1
-373	2.4	<0.1	2.7	<0.1
-372	2.4	<0.1	2.7	<0.1

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
-371	2.4	<0.1	2.7	<0.1
-370	2.5	<0.1	2.7	<0.1
-369	2.5	<0.1	2.8	<0.1
-368	2.5	<0.1	2.8	<0.1
-367	2.5	<0.1	2.8	<0.1
-366	2.5	<0.1	2.8	<0.1
-365	2.5	<0.1	2.8	<0.1
-364	2.5	<0.1	2.8	<0.1
-363	2.6	<0.1	2.9	<0.1
-362	2.6	<0.1	2.9	<0.1
-361	2.6	<0.1	2.9	<0.1
-360	2.6	<0.1	2.9	<0.1
-359	2.6	<0.1	2.9	<0.1
-358	2.6	<0.1	2.9	<0.1
-357	2.6	<0.1	3.0	<0.1
-356	2.6	<0.1	3.0	<0.1
-355	2.7	<0.1	3.0	<0.1
-354	2.7	<0.1	3.0	<0.1
-353	2.7	<0.1	3.0	<0.1
-352	2.7	<0.1	3.1	<0.1
-351	2.7	<0.1	3.1	<0.1
-350	2.7	<0.1	3.1	<0.1
-349	2.7	<0.1	3.1	<0.1
-348	2.8	<0.1	3.1	<0.1
-347	2.8	<0.1	3.2	<0.1
-346	2.8	<0.1	3.2	<0.1
-345	2.8	<0.1	3.2	<0.1
-344	2.8	<0.1	3.2	<0.1
-343	2.8	<0.1	3.2	<0.1
-342	2.9	<0.1	3.3	<0.1
-341	2.9	<0.1	3.3	<0.1
-340	2.9	<0.1	3.3	<0.1
-339	2.9	<0.1	3.3	<0.1
-338	2.9	<0.1	3.3	<0.1
-337	2.9	<0.1	3.4	<0.1
-336	3.0	<0.1	3.4	<0.1
-335	3.0	<0.1	3.4	<0.1
-334	3.0	<0.1	3.4	<0.1
-333	3.0	<0.1	3.5	<0.1
-332	3.0	<0.1	3.5	<0.1
-331	3.0	<0.1	3.5	<0.1
-330	3.1	<0.1	3.5	<0.1
-329	3.1	<0.1	3.5	<0.1

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
-328	3.1	<0.1	3.6	<0.1
-327	3.1	<0.1	3.6	<0.1
-326	3.1	<0.1	3.6	<0.1
-325	3.1	<0.1	3.6	<0.1
-324	3.2	<0.1	3.7	<0.1
-323	3.2	<0.1	3.7	<0.1
-322	3.2	<0.1	3.7	<0.1
-321	3.2	<0.1	3.7	<0.1
-320	3.2	<0.1	3.8	<0.1
-319	3.3	<0.1	3.8	<0.1
-318	3.3	<0.1	3.8	<0.1
-317	3.3	<0.1	3.9	<0.1
-316	3.3	<0.1	3.9	<0.1
-315	3.3	<0.1	3.9	<0.1
-314	3.4	<0.1	3.9	<0.1
-313	3.4	<0.1	4.0	<0.1
-312	3.4	<0.1	4.0	<0.1
-311	3.4	<0.1	4.0	<0.1
-310	3.4	<0.1	4.1	<0.1
-309	3.5	<0.1	4.1	<0.1
-308	3.5	<0.1	4.1	<0.1
-307	3.5	<0.1	4.1	<0.1
-306	3.5	<0.1	4.2	<0.1
-305	3.5	<0.1	4.2	<0.1
-304	3.6	<0.1	4.2	<0.1
-303	3.6	<0.1	4.3	<0.1
-302	3.6	<0.1	4.3	<0.1
-301	3.6	<0.1	4.3	<0.1
-300	3.7	<0.1	4.4	<0.1
-299	3.7	<0.1	4.4	<0.1
-298	3.7	<0.1	4.4	<0.1
-297	3.7	<0.1	4.5	<0.1
-296	3.8	<0.1	4.5	<0.1
-295	3.8	<0.1	4.5	<0.1
-294	3.8	<0.1	4.6	<0.1
-293	3.8	<0.1	4.6	<0.1
-292	3.9	<0.1	4.6	<0.1
-291	3.9	<0.1	4.7	<0.1
-290	3.9	<0.1	4.7	<0.1
-289	3.9	<0.1	4.7	<0.1
-288	4.0	<0.1	4.8	<0.1
-287	4.0	<0.1	4.8	<0.1
-286	4.0	<0.1	4.9	<0.1

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
-285	4.0	<0.1	4.9	<0.1
-284	4.1	<0.1	4.9	<0.1
-283	4.1	<0.1	5.0	<0.1
-282	4.1	<0.1	5.0	<0.1
-281	4.1	<0.1	5.1	<0.1
-280	4.2	<0.1	5.1	<0.1
-279	4.2	<0.1	5.1	<0.1
-278	4.2	<0.1	5.2	<0.1
-277	4.3	<0.1	5.2	<0.1
-276	4.3	<0.1	5.3	<0.1
-275	4.3	<0.1	5.3	<0.1
-274	4.3	<0.1	5.4	<0.1
-273	4.4	<0.1	5.4	<0.1
-272	4.4	<0.1	5.4	<0.1
-271	4.4	<0.1	5.5	<0.1
-270	4.5	<0.1	5.5	<0.1
-269	4.5	<0.1	5.6	<0.1
-268	4.5	<0.1	5.6	<0.1
-267	4.6	<0.1	5.7	<0.1
-266	4.6	<0.1	5.7	<0.1
-265	4.6	<0.1	5.8	<0.1
-264	4.7	<0.1	5.8	<0.1
-263	4.7	<0.1	5.9	<0.1
-262	4.7	<0.1	5.9	<0.1
-261	4.8	<0.1	6.0	<0.1
-260	4.8	<0.1	6.0	<0.1
-259	4.8	<0.1	6.1	<0.1
-258	4.9	<0.1	6.2	<0.1
-257	4.9	<0.1	6.2	<0.1
-256	4.9	<0.1	6.3	<0.1
-255	5.0	<0.1	6.3	<0.1
-254	5.0	<0.1	6.4	<0.1
-253	5.1	<0.1	6.4	<0.1
-252	5.1	<0.1	6.5	<0.1
-251	5.1	<0.1	6.6	<0.1
-250	5.2	<0.1	6.6	<0.1
-249	5.2	<0.1	6.7	<0.1
-248	5.3	<0.1	6.8	<0.1
-247	5.3	<0.1	6.8	<0.1
-246	5.3	<0.1	6.9	<0.1
-245	5.4	<0.1	7.0	<0.1
-244	5.4	<0.1	7.0	<0.1
-243	5.5	<0.1	7.1	<0.1

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
-242	5.5	<0.1	7.2	<0.1
-241	5.5	<0.1	7.2	<0.1
-240	5.6	<0.1	7.3	<0.1
-239	5.6	<0.1	7.4	<0.1
-238	5.7	<0.1	7.4	<0.1
-237	5.7	<0.1	7.5	<0.1
-236	5.8	<0.1	7.6	<0.1
-235	5.8	<0.1	7.7	<0.1
-234	5.9	<0.1	7.8	<0.1
-233	5.9	<0.1	7.8	<0.1
-232	6.0	<0.1	7.9	<0.1
-231	6.0	<0.1	8.0	<0.1
-230	6.1	<0.1	8.1	<0.1
-229	6.1	<0.1	8.2	<0.1
-228	6.2	<0.1	8.2	<0.1
-227	6.2	<0.1	8.3	<0.1
-226	6.3	<0.1	8.4	<0.1
-225	6.3	<0.1	8.5	<0.1
-224	6.4	<0.1	8.6	<0.1
-223	6.4	<0.1	8.7	<0.1
-222	6.5	<0.1	8.8	<0.1
-221	6.6	<0.1	8.9	<0.1
-220	6.6	<0.1	9.0	<0.1
-219	6.7	<0.1	9.1	<0.1
-218	6.7	<0.1	9.2	<0.1
-217	6.8	<0.1	9.3	<0.1
-216	6.8	<0.1	9.4	<0.1
-215	6.9	<0.1	9.5	<0.1
-214	7.0	<0.1	9.6	<0.1
-213	7.0	<0.1	9.7	<0.1
-212	7.1	<0.1	9.8	<0.1
-211	7.2	<0.1	9.9	<0.1
-210	7.2	<0.1	10	<0.1
-209	7.3	<0.1	10	<0.1
-208	7.4	<0.1	10	<0.1
-207	7.4	<0.1	10	<0.1
-206	7.5	<0.1	11	<0.1
-205	7.6	<0.1	11	<0.1
-204	7.7	<0.1	11	<0.1
-203	7.7	<0.1	11	<0.1
-202	7.8	<0.1	11	<0.1
-201	7.9	<0.1	11	<0.1
-200	8.0	<0.1	11	<0.1

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
-199	8.0	<0.1	11	<0.1
-198	8.1	<0.1	12	<0.1
-197	8.2	<0.1	12	<0.1
-196	8.3	<0.1	12	<0.1
-195	8.4	<0.1	12	<0.1
-194	8.5	<0.1	12	<0.1
-193	8.5	<0.1	12	<0.1
-192	8.6	<0.1	13	<0.1
-191	8.7	<0.1	13	<0.1
-190	8.8	<0.1	13	<0.1
-189	8.9	<0.1	13	<0.1
-188	9.0	<0.1	13	<0.1
-187	9.1	<0.1	13	<0.1
-186	9.2	<0.1	14	<0.1
-185	9.3	<0.1	14	<0.1
-184	9.4	<0.1	14	<0.1
-183	9.5	<0.1	14	<0.1
-182	9.6	<0.1	14	<0.1
-181	9.7	<0.1	15	<0.1
-180	9.8	<0.1	15	<0.1
-179	9.9	<0.1	15	<0.1
-178	10	<0.1	15	<0.1
-177	10	<0.1	15	<0.1
-176	10	<0.1	16	<0.1
-175	10	<0.1	16	<0.1
-174	11	<0.1	16	<0.1
-173	11	<0.1	16	<0.1
-172	11	<0.1	17	<0.1
-171	11	<0.1	17	<0.1
-170	11	<0.1	17	<0.1
-169	11	<0.1	17	<0.1
-168	11	<0.1	18	<0.1
-167	11	<0.1	18	<0.1
-166	12	<0.1	18	<0.1
-165	12	<0.1	18	<0.1
-164	12	<0.1	19	<0.1
-163	12	<0.1	19	<0.1
-162	12	<0.1	19	<0.1
-161	12	<0.1	20	<0.1
-160	13	<0.1	20	<0.1
-159	13	<0.1	20	<0.1
-158	13	<0.1	21	<0.1
-157	13	<0.1	21	<0.1

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
-156	13	<0.1	21	<0.1
-155	13	<0.1	22	<0.1
-154	14	<0.1	22	<0.1
-153	14	0.1	23	<0.1
-152	14	0.1	23	<0.1
-151	14	0.1	23	<0.1
-150	14	0.1	24	<0.1
-149	15	0.1	24	<0.1
-148	15	0.1	25	<0.1
-147	15	0.1	25	<0.1
-146	15	0.1	26	<0.1
-145	15	0.1	26	<0.1
-144	16	0.1	26	<0.1
-143	16	0.1	27	<0.1
-142	16	0.1	27	<0.1
-141	16	0.1	28	<0.1
-140	17	0.1	29	<0.1
-139	17	0.1	29	<0.1
-138	17	0.1	30	<0.1
-137	18	0.1	30	<0.1
-136	18	0.1	31	<0.1
-135	18	0.1	31	<0.1
-134	19	0.1	32	<0.1
-133	19	0.1	33	<0.1
-132	19	0.1	33	<0.1
-131	20	0.1	34	<0.1
-130	20	0.1	35	<0.1
-129	20	0.1	36	<0.1
-128	21	0.1	36	<0.1
-127	21	0.1	37	<0.1
-126	21	0.1	38	<0.1
-125	22	0.1	39	<0.1
-124	22	0.1	40	<0.1
-123	23	0.1	41	<0.1
-122	23	0.1	42	<0.1
-121	24	0.1	42	<0.1
-120	24	0.2	43	<0.1
-119	25	0.2	44	<0.1
-118	25	0.2	46	<0.1
-117	26	0.2	47	<0.1
-116	26	0.2	48	<0.1
-115	27	0.2	49	<0.1
-114	28	0.2	50	<0.1

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
-113	28	0.2	51	<0.1
-112	29	0.2	53	<0.1
-111	30	0.2	54	<0.1
-110	30	0.2	55	<0.1
-109	31	0.2	57	<0.1
-108	32	0.2	58	<0.1
-107	33	0.3	60	<0.1
-106	33	0.3	61	<0.1
-105	34	0.3	63	<0.1
-104	35	0.3	65	<0.1
-103	36	0.3	66	<0.1
-102	37	0.3	68	<0.1
-101	38	0.3	70	<0.1
-100	40	0.4	72	<0.1
-99	41	0.4	74	<0.1
-98	42	0.4	76	<0.1
-97	43	0.4	78	<0.1
-96	45	0.4	81	<0.1
-95	46	0.5	83	0.1
-94	48	0.5	85	0.1
-93	49	0.5	88	0.1
-92	51	0.5	91	0.1
-91	53	0.6	93	0.1
-90	55	0.6	96	0.1
-89	57	0.6	99	0.1
-88	59	0.7	102	0.1
-87	61	0.7	105	0.2
-86	63	0.7	109	0.2
-85	66	0.8	112	0.2
-84	68	0.8	116	0.2
-83	71	0.9	119	0.2
-82	74	0.9	123	0.3
-81	77	1.0	127	0.3
-80	80	1.0	131	0.3
-79	84	1.1	135	0.3
-78	87	1.1	140	0.4
-77	91	1.2	144	0.4
-76	95	1.2	149	0.4
-75	99	1.3	154	0.5
-74	103	1.3	159	0.5
-73	107	1.4	164	0.5
-72	112	1.4	169	0.6
-71	117	1.5	174	0.6

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
-70	121	1.5	180	0.7
-69	126	1.5	185	0.7
-68	130	1.6	191	0.8
-67	135	1.6	196	0.9
-66	140	1.6	202	0.9
-65	144	1.6	208	1.0
-64	148	1.5	213	1.0
-63	152	1.5	219	1.1
-62	155	1.5	224	1.2
-61	159	1.4	229	1.2
-60	161	1.4	234	1.3
-59	164	1.3	239	1.3
-58	166	1.2	243	1.4
-57	167	1.2	247	1.5
-56	169	1.1	250	1.5
-55	169	1.0	252	1.6
-54	170	1.0	255	1.6
-53	170	0.9	256	1.6
-52	169	0.9	257	1.7
-51	169	0.9	257	1.7
-50	168	0.9	256	1.7
-49	167	0.9	254	1.7
-48	166	0.9	252	1.7
-47	164	0.9	249	1.7
-46	162	1.0	245	1.6
-45	160	1.0	241	1.6
-44	158	1.1	236	1.6
-43	156	1.2	231	1.5
-42	153	1.2	226	1.5
-41	151	1.3	220	1.5
-40	148	1.3	213	1.4
-39	144	1.4	207	1.4
-38	141	1.4	200	1.3
-37	137	1.5	193	1.2
-36	133	1.5	186	1.2
-35	129	1.5	180	1.2
-34	125	1.5	173	1.1
-33	121	1.5	166	1.1
-32	116	1.5	159	1.0
-31	112	1.4	153	1.0
-30	108	1.4	146	0.9
-29	104	1.4	140	0.9
-28	100	1.3	134	0.9

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
-27	96	1.3	128	0.8
-26	92	1.2	123	0.8
-25	89	1.2	117	0.8
-24	86	1.1	112	0.8
-23	83	1.1	107	0.8
-22	80	1.0	102	0.8
-21	78	1.0	97	0.8
-20	76	0.9	93	0.8
-19	75	0.9	89	0.8
-18	74	0.8	85	0.8
-17	75	0.8	81	0.8
-16	76	0.8	78	0.8
-15	77	0.8	75	0.8
-14	79	0.8	73	0.8
-13	82	0.8	70	0.8
-12	84	0.8	69	0.9
-11	87	0.8	67	0.9
-10	90	0.8	67	0.9
-9	93	0.8	67	0.9
-8	96	0.8	68	1.0
-7	99	0.9	69	1.0
-6	103	0.9	72	1.1
-5	106	1.0	74	1.1
-4	110	1.0	78	1.1
-3	114	1.1	81	1.2
-2	118	1.1	85	1.2
-1	123	1.2	90	1.3
0	127	1.3	94	1.4
1	132	1.3	99	1.4
2	137	1.4	104	1.5
3	142	1.5	110	1.6
4	147	1.6	116	1.6
5	153	1.6	122	1.7
6	159	1.7	129	1.8
7	165	1.8	136	1.9
8	172	1.9	143	2.0
9	178	2.0	150	2.1
10	186	2.1	158	2.2
11	193	2.2	166	2.3
12	201	2.3	175	2.4
13	209	2.4	184	2.5
14	217	2.6	193	2.6
15	226	2.7	203	2.7

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
16	235	2.8	213	2.8
17	244	2.9	223	2.9
18	254	3.0	234	3.0
19	264	3.1	244	3.1
20	274	3.2	255	3.2
21	284	3.3	267	3.3
22	294	3.4	278	3.4
23	304	3.5	289	3.5
24	314	3.5	301	3.5
25	324	3.6	312	3.6
26	334	3.6	323	3.6
27	344	3.6	334	3.6
28	353	3.6	344	3.6
29	361	3.6	354	3.6
30	369	3.5	363	3.6
31	377	3.5	372	3.5
32	384	3.4	380	3.4
33	390	3.3	387	3.4
34	395	3.2	394	3.3
35	400	3.1	399	3.1
36	404	3.0	404	3.0
37	407	2.9	408	2.9
38	409	2.8	412	2.8
39	411	2.7	414	2.7
40	412	2.6	416	2.6
41	413	2.5	417	2.5
42	413	2.4	418	2.5
43	412	2.4	418	2.4
44	412	2.3	418	2.4
45	411	2.3	418	2.4
46	410	2.3	417	2.3
47	409	2.3	416	2.3
48	409	2.3	415	2.3
49	408	2.3	415	2.3
50	408	2.3	414	2.3
51	408	2.3	414	2.3
52	408	2.3	414	2.3
53	409	2.3	415	2.3
54	410	2.3	415	2.3
55	410	2.3	416	2.4
56	411	2.4	416	2.4
57	412	2.4	417	2.4
58	412	2.5	417	2.5

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
59	412	2.5	416	2.5
60	412	2.6	416	2.6
61	411	2.7	415	2.7
62	409	2.8	413	2.8
63	407	2.9	410	2.9
64	404	3.1	407	3.1
65	401	3.2	404	3.2
66	397	3.3	399	3.3
67	392	3.4	394	3.4
68	386	3.5	388	3.5
69	379	3.6	381	3.5
70	372	3.6	374	3.6
71	364	3.7	366	3.6
72	356	3.7	357	3.7
73	347	3.7	348	3.7
74	338	3.7	339	3.7
75	328	3.6	329	3.6
76	318	3.6	319	3.6
77	308	3.5	309	3.5
78	298	3.5	298	3.5
79	288	3.4	288	3.4
80	278	3.3	278	3.3
81	268	3.2	268	3.2
82	259	3.1	258	3.1
83	249	3.0	249	3.0
84	240	2.9	239	2.9
85	231	2.8	230	2.8
86	222	2.7	221	2.7
87	214	2.6	213	2.5
88	205	2.4	205	2.4
89	198	2.3	197	2.3
90	190	2.2	189	2.2
91	183	2.1	182	2.1
92	176	2.1	175	2.0
93	170	2.0	168	2.0
94	163	1.9	162	1.9
95	157	1.8	156	1.8
96	152	1.7	150	1.7
97	146	1.6	145	1.6
98	141	1.6	140	1.5
99	136	1.5	135	1.5
100	131	1.4	130	1.4
101	127	1.4	125	1.3

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
102	122	1.3	121	1.3
103	118	1.2	117	1.2
104	114	1.2	113	1.2
105	111	1.1	109	1.1
106	107	1.1	106	1.1
107	104	1.0	102	1.0
108	100	1.0	99	1.0
109	97	0.9	96	0.9
110	94	0.9	93	0.9
111	91	0.9	90	0.9
112	89	0.8	87	0.8
113	86	0.8	85	0.8
114	84	0.8	82	0.8
115	81	0.7	80	0.7
116	79	0.7	77	0.7
117	77	0.7	75	0.7
118	75	0.7	73	0.7
119	73	0.6	71	0.6
120	71	0.6	69	0.6
121	69	0.6	67	0.6
122	67	0.6	65	0.6
123	65	0.5	64	0.5
124	63	0.5	62	0.5
125	62	0.5	60	0.5
126	60	0.5	59	0.5
127	59	0.5	57	0.5
128	57	0.5	56	0.4
129	56	0.4	55	0.4
130	55	0.4	53	0.4
131	53	0.4	52	0.4
132	52	0.4	51	0.4
133	51	0.4	50	0.4
134	50	0.4	48	0.4
135	49	0.4	47	0.4
136	48	0.3	46	0.3
137	46	0.3	45	0.3
138	45	0.3	44	0.3
139	44	0.3	43	0.3
140	44	0.3	42	0.3
141	43	0.3	41	0.3
142	42	0.3	40	0.3
143	41	0.3	40	0.3
144	40	0.3	39	0.3

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
145	39	0.3	38	0.3
146	38	0.3	37	0.2
147	38	0.2	36	0.2
148	37	0.2	36	0.2
149	36	0.2	35	0.2
150	35	0.2	34	0.2
151	35	0.2	34	0.2
152	34	0.2	33	0.2
153	33	0.2	32	0.2
154	33	0.2	32	0.2
155	32	0.2	31	0.2
156	32	0.2	31	0.2
157	31	0.2	30	0.2
158	31	0.2	29	0.2
159	30	0.2	29	0.2
160	29	0.2	28	0.2
161	29	0.2	28	0.2
162	28	0.2	27	0.2
163	28	0.2	27	0.2
164	27	0.2	26	0.2
165	27	0.2	26	0.1
166	27	0.1	25	0.1
167	26	0.1	25	0.1
168	26	0.1	25	0.1
169	25	0.1	24	0.1
170	25	0.1	24	0.1
171	24	0.1	23	0.1
172	24	0.1	23	0.1
173	24	0.1	23	0.1
174	23	0.1	22	0.1
175	23	0.1	22	0.1
176	23	0.1	22	0.1
177	22	0.1	21	0.1
178	22	0.1	21	0.1
179	22	0.1	21	0.1
180	21	0.1	20	0.1
181	21	0.1	20	0.1
182	21	0.1	20	0.1
183	20	0.1	19	0.1
184	20	0.1	19	0.1
185	20	0.1	19	0.1
186	19	0.1	19	0.1
187	19	0.1	18	0.1

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
188	19	0.1	18	0.1
189	19	0.1	18	0.1
190	18	0.1	18	0.1
191	18	0.1	17	0.1
192	18	0.1	17	0.1
193	18	0.1	17	0.1
194	17	0.1	17	0.1
195	17	0.1	16	0.1
196	17	0.1	16	0.1
197	17	0.1	16	0.1
198	16	0.1	16	0.1
199	16	0.1	15	0.1
200	16	0.1	15	0.1
201	16	0.1	15	0.1
202	16	0.1	15	0.1
203	15	0.1	15	0.1
204	15	0.1	14	0.1
205	15	0.1	14	0.1
206	15	0.1	14	0.1
207	15	0.1	14	0.1
208	15	0.1	14	0.1
209	14	0.1	14	0.1
210	14	0.1	13	0.1
211	14	0.1	13	0.1
212	14	0.1	13	0.1
213	14	0.1	13	0.1
214	13	0.1	13	0.1
215	13	0.1	13	0.1
216	13	0.1	12	0.1
217	13	0.1	12	0.1
218	13	0.1	12	0.1
219	13	0.1	12	0.1
220	13	0.1	12	<0.1
221	12	<0.1	12	<0.1
222	12	<0.1	12	<0.1
223	12	<0.1	11	<0.1
224	12	<0.1	11	<0.1
225	12	<0.1	11	<0.1
226	12	<0.1	11	<0.1
227	12	<0.1	11	<0.1
228	11	<0.1	11	<0.1
229	11	<0.1	11	<0.1
230	11	<0.1	11	<0.1

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
231	11	<0.1	10	<0.1
232	11	<0.1	10	<0.1
233	11	<0.1	10	<0.1
234	11	<0.1	10	<0.1
235	11	<0.1	10	<0.1
236	11	<0.1	9.9	<0.1
237	10	<0.1	9.8	<0.1
238	10	<0.1	9.7	<0.1
239	10	<0.1	9.6	<0.1
240	10	<0.1	9.5	<0.1
241	10	<0.1	9.4	<0.1
242	9.9	<0.1	9.3	<0.1
243	9.8	<0.1	9.2	<0.1
244	9.7	<0.1	9.1	<0.1
245	9.6	<0.1	9.0	<0.1
246	9.5	<0.1	9.0	<0.1
247	9.4	<0.1	8.9	<0.1
248	9.3	<0.1	8.8	<0.1
249	9.2	<0.1	8.7	<0.1
250	9.2	<0.1	8.6	<0.1
251	9.1	<0.1	8.5	<0.1
252	9.0	<0.1	8.4	<0.1
253	8.9	<0.1	8.3	<0.1
254	8.8	<0.1	8.3	<0.1
255	8.7	<0.1	8.2	<0.1
256	8.6	<0.1	8.1	<0.1
257	8.6	<0.1	8.0	<0.1
258	8.5	<0.1	8.0	<0.1
259	8.4	<0.1	7.9	<0.1
260	8.3	<0.1	7.8	<0.1
261	8.2	<0.1	7.7	<0.1
262	8.2	<0.1	7.7	<0.1
263	8.1	<0.1	7.6	<0.1
264	8.0	<0.1	7.5	<0.1
265	7.9	<0.1	7.4	<0.1
266	7.9	<0.1	7.4	<0.1
267	7.8	<0.1	7.3	<0.1
268	7.7	<0.1	7.2	<0.1
269	7.7	<0.1	7.2	<0.1
270	7.6	<0.1	7.1	<0.1
271	7.5	<0.1	7.0	<0.1
272	7.5	<0.1	7.0	<0.1
273	7.4	<0.1	6.9	<0.1

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
274	7.3	<0.1	6.9	<0.1
275	7.3	<0.1	6.8	<0.1
276	7.2	<0.1	6.7	<0.1
277	7.1	<0.1	6.7	<0.1
278	7.1	<0.1	6.6	<0.1
279	7.0	<0.1	6.6	<0.1
280	7.0	<0.1	6.5	<0.1
281	6.9	<0.1	6.5	<0.1
282	6.8	<0.1	6.4	<0.1
283	6.8	<0.1	6.3	<0.1
284	6.7	<0.1	6.3	<0.1
285	6.7	<0.1	6.2	<0.1
286	6.6	<0.1	6.2	<0.1
287	6.6	<0.1	6.1	<0.1
288	6.5	<0.1	6.1	<0.1
289	6.5	<0.1	6.0	<0.1
290	6.4	<0.1	6.0	<0.1
291	6.4	<0.1	5.9	<0.1
292	6.3	<0.1	5.9	<0.1
293	6.2	<0.1	5.8	<0.1
294	6.2	<0.1	5.8	<0.1
295	6.1	<0.1	5.7	<0.1
296	6.1	<0.1	5.7	<0.1
297	6.1	<0.1	5.6	<0.1
298	6.0	<0.1	5.6	<0.1
299	6.0	<0.1	5.6	<0.1
300	5.9	<0.1	5.5	<0.1
301	5.9	<0.1	5.5	<0.1
302	5.8	<0.1	5.4	<0.1
303	5.8	<0.1	5.4	<0.1
304	5.7	<0.1	5.3	<0.1
305	5.7	<0.1	5.3	<0.1
306	5.6	<0.1	5.3	<0.1
307	5.6	<0.1	5.2	<0.1
308	5.6	<0.1	5.2	<0.1
309	5.5	<0.1	5.1	<0.1
310	5.5	<0.1	5.1	<0.1
311	5.4	<0.1	5.1	<0.1
312	5.4	<0.1	5.0	<0.1
313	5.4	<0.1	5.0	<0.1
314	5.3	<0.1	4.9	<0.1
315	5.3	<0.1	4.9	<0.1
316	5.2	<0.1	4.9	<0.1

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
317	5.2	<0.1	4.8	<0.1
318	5.2	<0.1	4.8	<0.1
319	5.1	<0.1	4.8	<0.1
320	5.1	<0.1	4.7	<0.1
321	5.0	<0.1	4.7	<0.1
322	5.0	<0.1	4.7	<0.1
323	5.0	<0.1	4.6	<0.1
324	4.9	<0.1	4.6	<0.1
325	4.9	<0.1	4.6	<0.1
326	4.9	<0.1	4.5	<0.1
327	4.8	<0.1	4.5	<0.1
328	4.8	<0.1	4.5	<0.1
329	4.8	<0.1	4.4	<0.1
330	4.7	<0.1	4.4	<0.1
331	4.7	<0.1	4.4	<0.1
332	4.7	<0.1	4.3	<0.1
333	4.6	<0.1	4.3	<0.1
334	4.6	<0.1	4.3	<0.1
335	4.6	<0.1	4.3	<0.1
336	4.5	<0.1	4.2	<0.1
337	4.5	<0.1	4.2	<0.1
338	4.5	<0.1	4.2	<0.1
339	4.4	<0.1	4.1	<0.1
340	4.4	<0.1	4.1	<0.1
341	4.4	<0.1	4.1	<0.1
342	4.4	<0.1	4.1	<0.1
343	4.3	<0.1	4.0	<0.1
344	4.3	<0.1	4.0	<0.1
345	4.3	<0.1	4.0	<0.1
346	4.2	<0.1	3.9	<0.1
347	4.2	<0.1	3.9	<0.1
348	4.2	<0.1	3.9	<0.1
349	4.2	<0.1	3.9	<0.1
350	4.1	<0.1	3.8	<0.1
351	4.1	<0.1	3.8	<0.1
352	4.1	<0.1	3.8	<0.1
353	4.1	<0.1	3.8	<0.1
354	4.0	<0.1	3.7	<0.1
355	4.0	<0.1	3.7	<0.1
356	4.0	<0.1	3.7	<0.1
357	4.0	<0.1	3.7	<0.1
358	3.9	<0.1	3.6	<0.1
359	3.9	<0.1	3.6	<0.1

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
360	3.9	<0.1	3.6	<0.1
361	3.9	<0.1	3.6	<0.1
362	3.8	<0.1	3.6	<0.1
363	3.8	<0.1	3.5	<0.1
364	3.8	<0.1	3.5	<0.1
365	3.8	<0.1	3.5	<0.1
366	3.7	<0.1	3.5	<0.1
367	3.7	<0.1	3.4	<0.1
368	3.7	<0.1	3.4	<0.1
369	3.7	<0.1	3.4	<0.1
370	3.6	<0.1	3.4	<0.1
371	3.6	<0.1	3.4	<0.1
372	3.6	<0.1	3.3	<0.1
373	3.6	<0.1	3.3	<0.1
374	3.6	<0.1	3.3	<0.1
375	3.5	<0.1	3.3	<0.1
376	3.5	<0.1	3.3	<0.1
377	3.5	<0.1	3.2	<0.1
378	3.5	<0.1	3.2	<0.1
379	3.4	<0.1	3.2	<0.1
380	3.4	<0.1	3.2	<0.1
381	3.4	<0.1	3.2	<0.1
382	3.4	<0.1	3.1	<0.1
383	3.4	<0.1	3.1	<0.1
384	3.3	<0.1	3.1	<0.1
385	3.3	<0.1	3.1	<0.1
386	3.3	<0.1	3.1	<0.1
387	3.3	<0.1	3.0	<0.1
388	3.3	<0.1	3.0	<0.1
389	3.3	<0.1	3.0	<0.1
390	3.2	<0.1	3.0	<0.1
391	3.2	<0.1	3.0	<0.1
392	3.2	<0.1	3.0	<0.1
393	3.2	<0.1	2.9	<0.1
394	3.2	<0.1	2.9	<0.1
395	3.1	<0.1	2.9	<0.1
396	3.1	<0.1	2.9	<0.1
397	3.1	<0.1	2.9	<0.1
398	3.1	<0.1	2.9	<0.1
399	3.1	<0.1	2.8	<0.1
400	3.1	<0.1	2.8	<0.1
401	3.0	<0.1	2.8	<0.1
402	3.0	<0.1	2.8	<0.1

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
403	3.0	<0.1	2.8	<0.1
404	3.0	<0.1	2.8	<0.1
405	3.0	<0.1	2.7	<0.1
406	3.0	<0.1	2.7	<0.1
407	2.9	<0.1	2.7	<0.1
408	2.9	<0.1	2.7	<0.1
409	2.9	<0.1	2.7	<0.1
410	2.9	<0.1	2.7	<0.1
411	2.9	<0.1	2.7	<0.1
412	2.9	<0.1	2.6	<0.1
413	2.8	<0.1	2.6	<0.1
414	2.8	<0.1	2.6	<0.1
415	2.8	<0.1	2.6	<0.1
416	2.8	<0.1	2.6	<0.1
417	2.8	<0.1	2.6	<0.1
418	2.8	<0.1	2.6	<0.1
419	2.8	<0.1	2.5	<0.1
420	2.7	<0.1	2.5	<0.1
421	2.7	<0.1	2.5	<0.1
422	2.7	<0.1	2.5	<0.1
423	2.7	<0.1	2.5	<0.1
424	2.7	<0.1	2.5	<0.1
425	2.7	<0.1	2.5	<0.1
426	2.7	<0.1	2.5	<0.1
427	2.6	<0.1	2.4	<0.1
428	2.6	<0.1	2.4	<0.1
429	2.6	<0.1	2.4	<0.1
430	2.6	<0.1	2.4	<0.1
431	2.6	<0.1	2.4	<0.1
432	2.6	<0.1	2.4	<0.1
433	2.6	<0.1	2.4	<0.1
434	2.5	<0.1	2.4	<0.1
435	2.5	<0.1	2.3	<0.1
436	2.5	<0.1	2.3	<0.1
437	2.5	<0.1	2.3	<0.1
438	2.5	<0.1	2.3	<0.1
439	2.5	<0.1	2.3	<0.1
440	2.5	<0.1	2.3	<0.1
441	2.5	<0.1	2.3	<0.1
442	2.4	<0.1	2.3	<0.1
443	2.4	<0.1	2.2	<0.1
444	2.4	<0.1	2.2	<0.1
445	2.4	<0.1	2.2	<0.1

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Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
446	2.4	<0.1	2.2	<0.1
447	2.4	<0.1	2.2	<0.1
448	2.4	<0.1	2.2	<0.1
449	2.4	<0.1	2.2	<0.1
450	2.4	<0.1	2.2	<0.1
451	2.3	<0.1	2.2	<0.1
452	2.3	<0.1	2.1	<0.1
453	2.3	<0.1	2.1	<0.1
454	2.3	<0.1	2.1	<0.1
455	2.3	<0.1	2.1	<0.1
456	2.3	<0.1	2.1	<0.1
457	2.3	<0.1	2.1	<0.1
458	2.3	<0.1	2.1	<0.1
459	2.2	<0.1	2.1	<0.1
460	2.2	<0.1	2.1	<0.1
461	2.2	<0.1	2.1	<0.1
462	2.2	<0.1	2.0	<0.1
463	2.2	<0.1	2.0	<0.1
464	2.2	<0.1	2.0	<0.1
465	2.2	<0.1	2.0	<0.1
466	2.2	<0.1	2.0	<0.1
467	2.2	<0.1	2.0	<0.1
468	2.2	<0.1	2.0	<0.1
469	2.1	<0.1	2.0	<0.1
470	2.1	<0.1	2.0	<0.1
471	2.1	<0.1	2.0	<0.1
472	2.1	<0.1	2.0	<0.1
473	2.1	<0.1	1.9	<0.1
474	2.1	<0.1	1.9	<0.1
475	2.1	<0.1	1.9	<0.1
476	2.1	<0.1	1.9	<0.1
477	2.1	<0.1	1.9	<0.1
478	2.1	<0.1	1.9	<0.1
479	2.0	<0.1	1.9	<0.1
480	2.0	<0.1	1.9	<0.1
481	2.0	<0.1	1.9	<0.1
482	2.0	<0.1	1.9	<0.1
483	2.0	<0.1	1.9	<0.1
484	2.0	<0.1	1.8	<0.1
485	2.0	<0.1	1.8	<0.1
486	2.0	<0.1	1.8	<0.1
487	2.0	<0.1	1.8	<0.1
488	2.0	<0.1	1.8	<0.1

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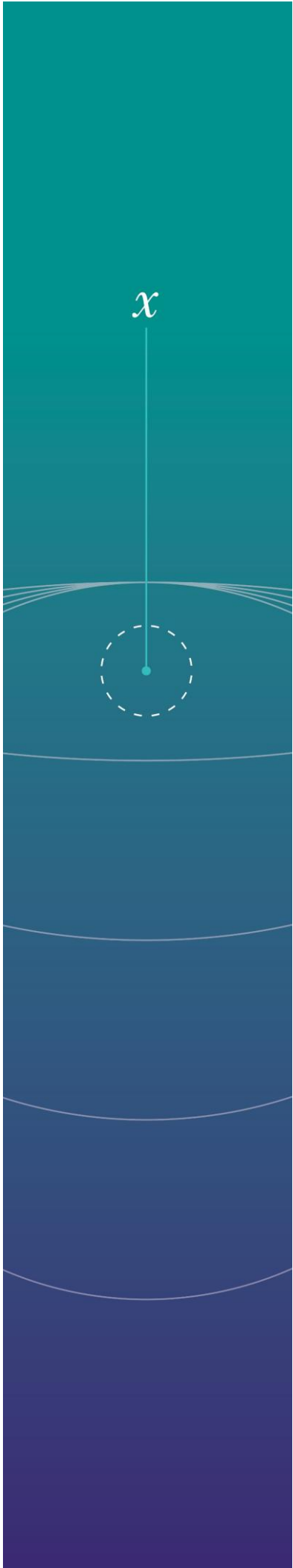
Table D-8 – Continued from previous page

Dist (feet)	XS-949-6 Existing Magnetic Field Maximum (mG)	XS-949-6 Existing Electric Field Resultant (kV/m)	XS-949-6 Proposed Magnetic Field Maximum (mG)	XS-949-6 Proposed Electric Field Resultant (kV/m)
489	2.0	<0.1	1.8	<0.1
490	1.9	<0.1	1.8	<0.1
491	1.9	<0.1	1.8	<0.1
492	1.9	<0.1	1.8	<0.1
493	1.9	<0.1	1.8	<0.1
494	1.9	<0.1	1.8	<0.1
495	1.9	<0.1	1.8	<0.1
496	1.9	<0.1	1.7	<0.1
497	1.9	<0.1	1.7	<0.1
498	1.9	<0.1	1.7	<0.1
499	1.9	<0.1	1.7	<0.1
500	1.9	<0.1	1.7	<0.1

Appendix E

Encroachment Analysis



Near Route 7, between the Susquehanna River and the Proposed Jennison Substation, there are several existing buildings, including one residence, encroaching on the existing ROW where the rebuilt Lines 946 and 949 are proposed to be constructed. At the request of NYSEG, Exponent evaluated the EMF values at each of the different buildings. This analysis was performed by estimating the distances from the nearest edge of the various buildings to the ROW edge. These locations and their corresponding EMF values are summarized in Figure E-1 (Existing) and Figure E-2 (Proposed).

As shown in these figures, EMF levels (both existing and proposed) at the greenhouse and business on the south side of the ROW exceed magnetic-field levels of 200 mG and electric-field levels of 1.6 kV/m. These EMF levels are primarily attributable to the portion of existing Line 919 located in this area (which is not proposed to be changed as part of this Project). Electric-field and magnetic-field levels at additional buildings on the north side of the ROW also exceed 1.6 kV/m and 200 mG, respectively, for the *existing* configuration, but these levels are calculated to generally decrease as a result of the Project, and fall below (or remain below) 1.6 kV/m and 200 mG in the *proposed* configuration, due to the construction of Line 946 further north and away from the buildings than the location of existing Line 954.

In the proposed configuration, NYSEG has proposed to relinquish a portion of the ROW in the area encompassing the residence and a portion of the surrounding property. The ROW in both Figure E-1 and E-2 is shown in a semi-transparent shading; the portion of the ROW which is proposed to be relinquished is depicted in Figure E-2 without this semi-transparent shading. At the ROW edges (both existing external and new internal ROWs), shown by orange dotted lines as detailed in Appendix A, both electric fields and magnetic fields remain below NYSPC guidelines for both the existing and proposed cases.

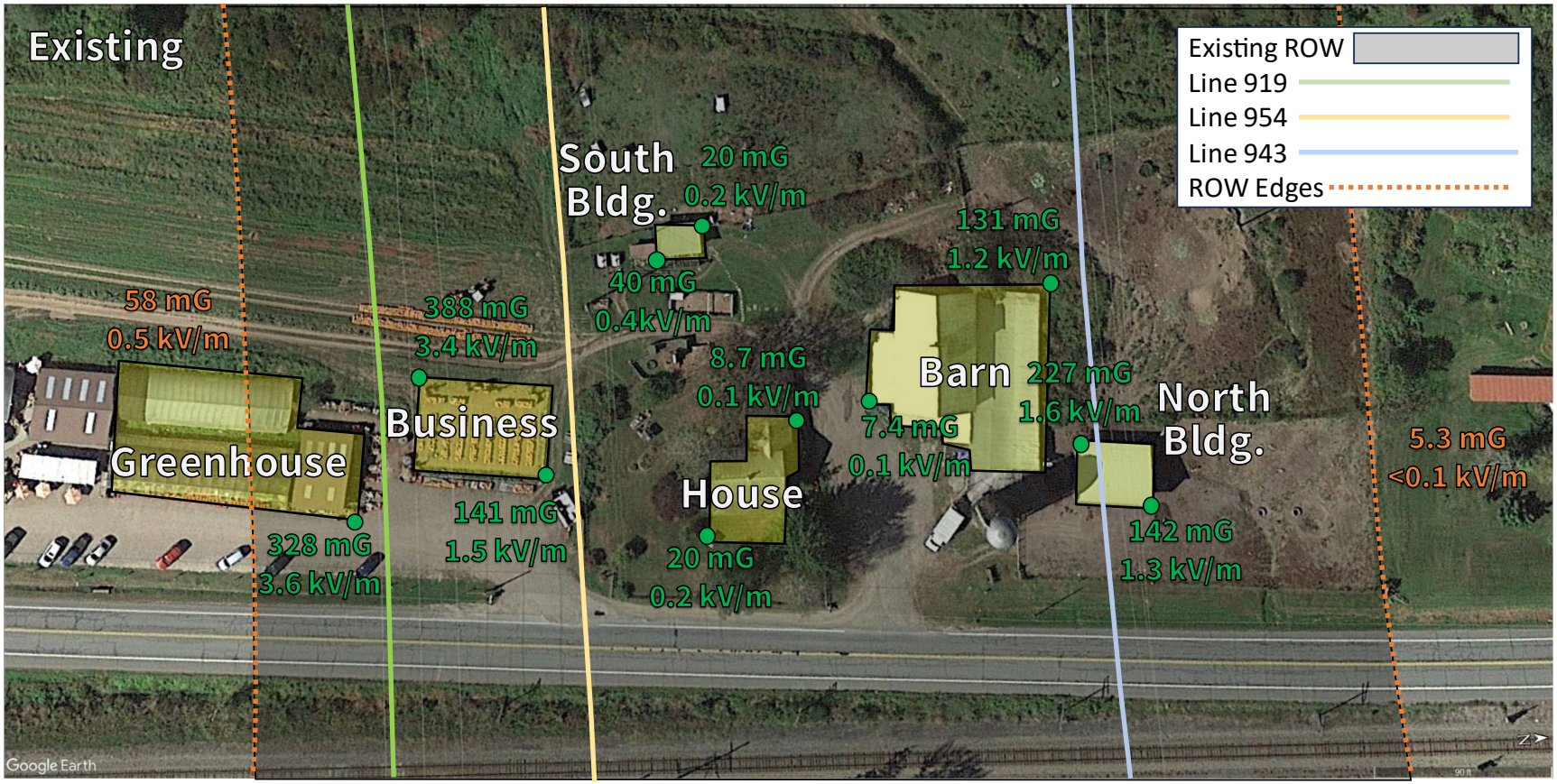


Figure E-1. Magnetic-field levels for the existing configuration of XS-J-1 with encroaching structures denoted. All calculations were performed at 1 meter (3.28 feet) above ground at WNC loading. Both the south and north buildings are described as agricultural outbuildings of indeterminate purposes. Note the semi-transparent shaded region depicts the existing external ROW-edges shown by orange dotted lines.

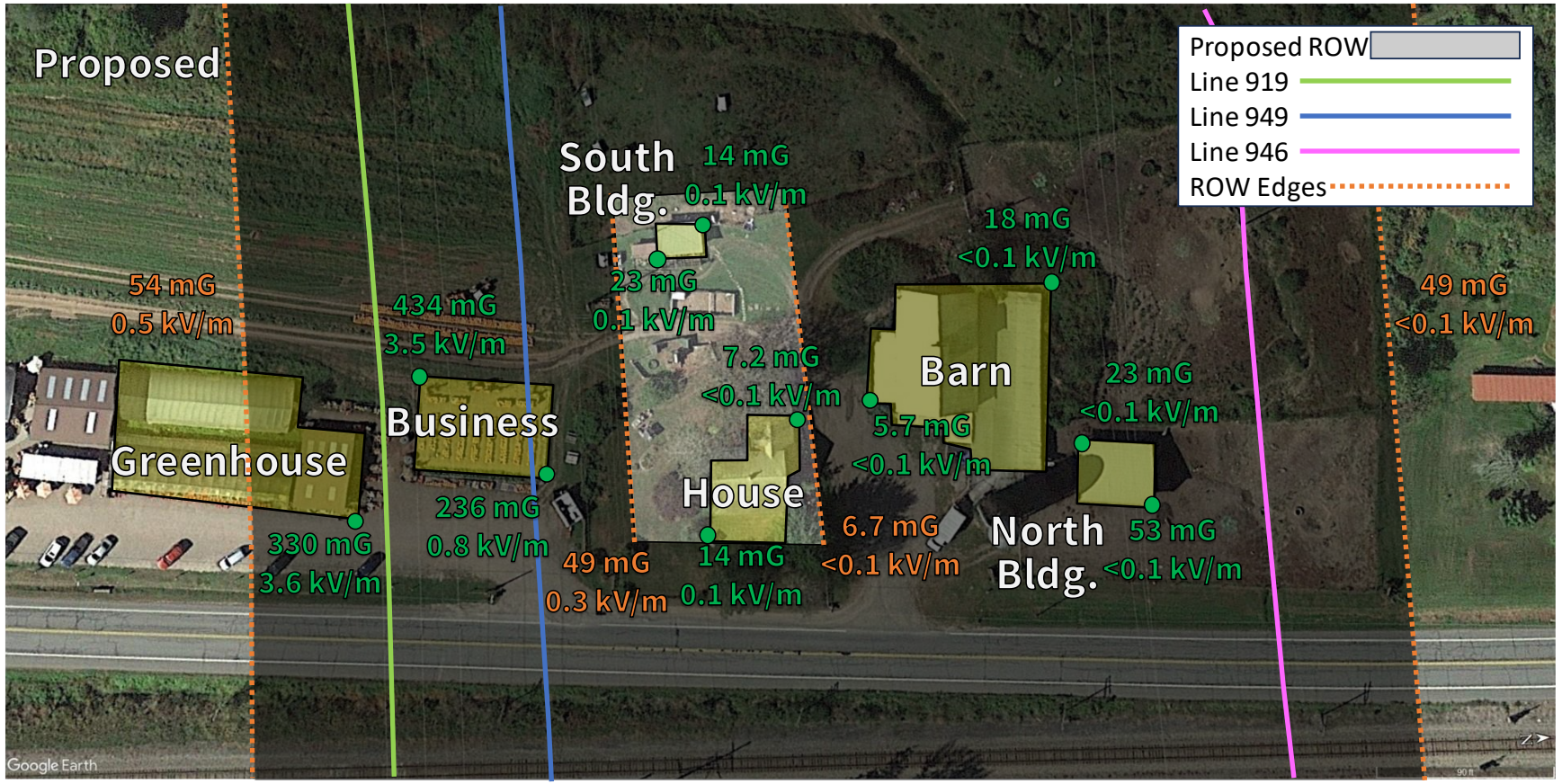


Figure E-2. Magnetic-field levels for the proposed configuration of XS-J-1 with encroaching structures denoted. All calculations were performed at 1 meter (3.28 feet) above ground at WNC loading. Both the south and north buildings are described as agricultural outbuildings of indeterminate purposes. Note the shaded region depicts the Proposed ROW, with the relinquished portion not shaded. ROW edges (both existing external and new internal ROWs) are shown by orange dotted lines.