

CHAPTER 9A

Levy Nuclear Plant Units 1 and 2 Florida Site Certification Application

ELECTRICAL TRANSMISSION LINES

Several new transmission lines will integrate the electrical power generated at Levy Nuclear Plant (LNP) to the Florida electrical transmission grid system. The complete information requirements for each of the proposed electrical transmission lines is provided in a stand-alone section, as delineated below:

9-A1: Levy Nuclear Plant to Proposed Citrus Substation, 500-kV Transmission Lines (Levy and Citrus Counties), also known as the Citrus transmission line.

9-A2: Levy Nuclear Plant to Crystal River Energy Complex Switchyard, 500-kV Transmission Line (Levy and Citrus Counties), also known as the Crystal River transmission line.

9-A3: Levy Nuclear Plant to Proposed Central Florida South Substation, 500-kV Transmission Line (Levy, Citrus, Marion, Sumter and Lake Counties and Municipalities of Wildwood and Leesburg), also known as the Sumter transmission line.

9-A4: Levy Nuclear Plant North and South Construction/Administration, 69-kV Transmission Lines (Levy County) , also known as the Levy North and Levy South transmission lines.

9-A5: Crystal River Energy Complex Switchyard to Brookridge Substation, 230-kV Transmission Line (Citrus and Hernando Counties), also known as the Brookridge transmission line.

9-A6: Brookridge Substation to Brooksville West Substation, 230-kV Transmission Line (Hernando County), also known as the Brooksville West transmission line.

9-A7: Proposed Citrus Substation to Crystal River East Substation, 230-kV Transmission Line (Citrus County), also known as the Crystal River East transmission line.

9-A8: Polk-Hillsborough-Pinellas, 230-kV Transmission Line (Polk, Hillsborough and Pinellas Counties and Municipalities of Tampa, Plant City and Oldsmar), also known as the Kathleen transmission line.