



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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Petition No. 275
Relocation of transmission line
structures on an existing
Connecticut Light and Power
Company transmission line.
Bloomfield, Connecticut
September 18, 1991

On September 5, 1991, Northeast Utilities Service Company (NU) submitted a petition to the Connecticut Siting Council (Council) requesting a ruling that no Certificate of Environmental Compatibility and Public Need (Certificate) is required for modifications to an existing Connecticut Light And Power Company (CL&P) transmission line in Bloomfield, Connecticut.

On September 11, 1991, Mortimer A. Gelston and Harry E. Covey of the Council, and Fred Cunliffe of the Council staff, met with Richard Madej of Northeast Utilities at the site where the transmission line crosses Cottage Grove Road.

The work would involve relocating and replacing four single pole wood structures to accommodate the reconstruction and widening of Route 218, Cottage Grove Road, by the Connecticut Department of Transportation (CDOT). This transmission line parallels an existing, unused CDOT railroad right-of-way. The two CL&P circuits that run through this corridor are the Manchester Substation to Northwest Hartford Substation circuit #1751 and Bloomfield Substation to Northwest Hartford Substation circuit #1756.

The two single pole wood structures north of Cottage Grove Road would be replaced with like-kind but taller structures. The existing structures stand approximately 100 feet and 95 feet above ground level (AGL). The new structures would be 110 feet and 95 feet AGL and placed adjacent to the existing structures. The two new single pole wood structures south of Cottage Grove Road would be located approximately 33 feet and 37 feet south from existing pole locations. One structure would be a one-for-one replacement with a height of 90 feet AGL, and the other structure would increase 5 feet over the existing structure height totaling 105 feet.

The existing 556.5 kcmil steel reinforced aluminum conductor and shield wires would be transferred from the old structures to the new structures. The reason for slightly higher structures is to maintain sag clearance of the conductor over the existing roadway and distribution lines.

Access to the area would be from Cottage Grove Road and along the existing right-of-way. Some brush clearing may be required to permit access, but all areas disturbed by construction would be rehabilitated.

Construction is tentatively scheduled to start November 18, 1991, and end by December 20, 1991.

NU contends that the proposed project would have no substantial adverse environmental effect and no Certificate would be required under Connecticut General Statutes Section 16-50k(a).

Fred Cunliffe
Siting Analyst

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