



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

1 CENTRAL PARK PLAZA • NEW BRITAIN, CONN. 06051

PHONE: 827-2604

Petition No. 115
Field Review
United Illuminating

On September 21, 1984, Mortimer Gelston, Dr. James Horsfall and Robert Erling of the Siting Council met Marcus McCraven, Dave Damer, Ted Grave, and Robert Klancko of United Illuminating (UI) for a field review of Petition No. 115.

UI is petitioning the Council for a determination that no certificate of environmental compatibility and public need is required for the company's proposal to reconductor and reinsulate 11.8 miles of 115 kV double circuit transmission lines between West River substation in New Haven and Baird substation in Stratford. This transmission line runs along the Mainline Northeast Corridor Railroad tracks. The railroad owns the catenary structures supporting the transmission lines.

UI would replace the steel crossarms on these structures with horizontal vee procelain insulators, which would maintain safe clearances from the railroad conductors. No changes would be made in the catenary structures. Once completed, this work should be adequate until the mid 1990's. These modifications would not change the height or appearance of the catenary structures.

In planning this project, UI gave careful consideration to environmentally sensitive areas adjacent to the railroad tracks, such as wetlands. It is the company's view that such sensitive areas would not be harmed by this project.

As nuclear power is added to the UI system, power transfers through the circuits on this line would increase. Without these improvements, UI asserts that portions of this line would be subject to overloading.

Robert K. Erling
Siting Analyst

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