



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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Petition No. 97
Field Review
Norwalk, Connecticut
October 25, 1983

Chairperson Gloria Pond, Dr. James Horsfall, and Robert Erling of the Connecticut Siting Council met Robert Duncan and Lucian Gehami of Northeast Utilities (NU) for a field review of Petition No. 97. NU is petitioning the Council for a ruling that no certificate of environmental compatibility and public need is required for the proposed addition of a 47 MVA, 110kV-13.8kV transformer and three 13.8kV feeders within the Norwalk substation. NU states the work is needed to meet the projected 13.8kV load requirements of the Norwalk area.

The addition of this equipment would be entirely within the existing substation fence. Since other equipment at the site will screen the proposed work, there would not be increased visibility of this facility. The company asserts that the addition of one more transformer to the four already existing at the substation would cause no perceptible change in sound level to the surrounding property.

The transformer oil which would be used is classified as non-PCB (below 50 parts per million) by the U.S. Environmental Protection Agency. NU plans to install a sump under the transformer to contain the oil in the event of a spill. The substation is not within established stream channel encroachment lines; thus, the project would have no effect on the flood capacity of the nearby Norwalk River.

In addition to installing another transformer, NU plans to install 13.8kV metal enclosed switchgear, and a 13.8kV bus with support structures, and relocate the mobile transformer connection. NU states this equipment would not cause any television or radio interference. The Company expects to begin construction immediately following Council approval with a completion date of August, 1984.

Robert K. Erling
Siting Analyst

RKE:cp