



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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PETITION NO. 117
Northeast Utilities
Enfield, Connecticut
October 9, 1984

On October 4, 1984, Owen Clark, Fred Doocy, and Robert Erling of the Siting Council met Jim Weston and Bob Carberry of Northeast Utilities (NU) for a field review of Petition No. 117. NU is petitioning the Council for a ruling that no certificate of environmental compatibility and public need is required for the company's proposed addition within an existing substation. NU is proposing to add one 47-MVA 110 to 23-kV transformer and two 23-kV feeders to its 115 kV substation in Enfield. The company states the work is needed in order to meet projected 23-kV load requirements in the Enfield area, as the 27.6kV system is phased out. In addition to the above mentioned transformer, NU would install a 23-kV oil circuit breaker, two 23-kV circuit reclosers, underground control and power cables, and a 23-kV bus with associated equipment. An existing 12-MVA, 27.6-to 23-kV transformer, 23-kV circuit recloser, associated cables and support structures, and 23-kV overhead line would all be removed.

The new transformer would be of the same size and configuration as the existing transformer. All of the work would be within the existing substation fence lines, except for the new underground 23-kV feeders which would connect with existing distribution lines along the northern fence boundary. NU owns this and other adjacent properties.

Oil to be used in the transformer would be non-PCB (less than 50 PPM PCB). A sump would contain all transformer oil in the event of a spill.

Construction would begin in 1985, with an expected completion date of August, 1986.

Robert K. Erling
Siting Analyst

RKE:cp