



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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Petition No. 249
Hopewell Substation
Glastonbury, Connecticut
March 26, 1990

On March 7, 1990, Robert A. Pulito of the Connecticut Siting Council and Joel M. Rinebold and Robert K. Erling of the Council Staff met Robert Carberry and Luis Gonzalez of Northeast Utilities (NU) for a field review of this petition at NU's Hopewell Substation in Glastonbury, Connecticut.

NU is petitioning the Council for a determination that no Certificate of Environmental Compatibility and Public Need would be required for its proposed additions to this existing substation.

The additions to this substation would include:

- a. the addition of a 115-kV to 23-kV, 47-MVA transformer;
- b. the installation of an oil sump around the transformer with the capacity to contain all of the oil;
- c. the installation of four outdoor 23-kV circuit breakers;
- d. the extension of the 23-kV bus; and
- e. the construction of a new mobile transformer position with the installation of a motorized 115-kV disconnect switch.

The additions are needed to increase this substation's capacity by June 1, 1991, to meet projected load requirements in the area.

The new additions would be entirely contained within the existing substation fence and would be surrounded by existing structures and equipment. The sound levels at the substation property line would remain below levels specified in the State noise regulations. The proposed work would not be within a 100-year flood zone or any stream channel encroachment lines. No wetlands would be affected. There would be no television or radio interference from the proposed additions. The insulating oil used in the transformer and circuit breakers would not contain polychlorinated biphenyls.

Construction is proposed to begin in August 1990 and be completed by the end of May 1991.

Robert K. Erling
Senior Siting Analyst