



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

136 Main Street, Suite 401
New Britain, Connecticut 06051
Phone: 827-7682

PETITION 242 Rockville Substation Additions December 13, 1989

Northeast Utilities (NU) is requesting a determination from the Council that no Certificate of Environmental Compatibility and Public Need is required for additions to its existing 69 kV Rockville Substation in the Town of Vernon, Connecticut.

On December 9, 1989, Harry E. Covey, a member of the Siting Council, Joel M. Rinebold, Executive Director of the Siting Council, and James A. Walz, staff of the Siting Council, met Aaron Goucher and Kris Aberg of NU on the site of the proposed additions.

The additions to the substation would include:

- a. Installation of a 69 to 27.6 kV, 20/26.7 MVA transformer;
- b. Installation of one 27.6 kV circuit breaker;
- c. Relocation of one motor-operated disconnect switch; and
- d. Installation of an oil sump around the proposed transformer with the capacity to contain all the oil.

The additions are needed to meet projected load growth in the Vernon area.

The new additions would be entirely contained within the existing substation fence and would be surrounded by existing structures and equipment. An existing 69 to 27.6 kV, 10.8/14.4 MVA transformer would be deenergized and left in place to be used as an on-site spare.

The proposed project is not within a 100-year flood zone or any stream-channel encroachment lines, although it is near the Hockanum River. No wetlands or waterways would be affected.

There would be no television or radio interference from the proposed addition. The insulating oil used in the transformer and circuit breaker would not contain polychlorinated biphenyls.

Construction is anticipated to begin in January 1990 and to be completed by the end of May 1990.

NU contends that the construction of the proposed additions would not have a substantial adverse environmental effect and pursuant to Connecticut General Statutes section 16-50k(a), would not require a Certificate of Environmental Compatibility and Public Need.

James A. Walz
Siting Analyst

3885E