



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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PETITION 228
Uncasville 1Q Substation Additions
February 3, 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 115-kV to 13.2-kV Uncasville 1Q Substation in the Town of Montville, Connecticut.

On February 2, 1989, Mortimer Gelston, a member of the Siting Council, Ralph Reuss from the Department of Public Utility Control, and James Walz and Tom Fanning, staff of the Siting Council, met George Corrigan and Aaron Goucher of NU on the site of the proposed additions.

The additions to the substation, which is currently served by two 115-kV transmission lines and a 25-MVA transformer that steps the voltage down to 13.2-kV to supply four feeders, would include:

- a. Addition of a second 25-MVA transformer;
- b. Installation of three outdoor 15-kV circuit breakers;
and
- c. Construction of a new connection point for a mobile transformer, which includes:
 - 1) An extension of the 115-kV bus by about 30 feet.
 - 2) An expansion of the substation yard eastward by about 25 feet.
 - 3) A motorized disconnect switch and a line trap.

The additions are needed to meet a projected load growth that would reach 28-MVA by June, 1990.

The Montville First Selectman has been informed of the proposed project by NU. The Inland Wetlands Commission has notified NU that no wetlands would be affected by the proposed additions, and the Planning and Zoning Commission is reviewing the project. According to NU, the new additions would be within existing CL&P property and there would be no television or radio interference from the proposed additions.

NU contends that 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