



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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Petition No. 182
Montville Substation
Staff Report
May 13, 1987

On May 7, 1987, William Smith and Commissioner Boucher, members of the Council, and Joel Rinebold, staff of the Council, met Mike Carlson and Lucien Gehami of Northeast Utilities (NU) at NU's 115-kV 4J substation in Montville.

NU is requesting a determination from the Council that a Certificate of Environmental Compatibility and Public Need is not required for proposed alterations at its substation. These consist of the installation of a new 115-kV line terminal, including a motor-operated disconnect switch, three coupling capacitor voltage transformers, and three surge arresters; two 115-kV power circuit breakers; four 115-kV breaker disconnect switches; associated control and protective relay equipment; an oil-pump house approximately 20 feet long by 10 feet wide by 11 feet high; and auxiliary equipment associated with the pipe-type cable. Two unused water-pump houses would be removed.

The proposed changes would be within the existing substation and surrounded by or adjacent to other substation structures. No noise or television or radio interference is expected.

According to NU, the project is necessary to accommodate the proposed AES Thames cogeneration facility. Construction is anticipated to begin in early February 1988 and be completed by late October 1988.

NU contends that the changes would not result in a substantial adverse effect on the environment or ecology, nor would it damage existing scenic, historical, or recreational values.

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