



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

1 CENTRAL PARK PLAZA • NEW BRITAIN, CONN. 06051

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Petition No. 123
Northeast Utilities
Field Review
Milford, Ct.
February 21, 1985

Owen Clark, Janet Sitty and Robert Erling of the Siting Council met Richard Meister, Roger Plourde, and John Mathews of Northeast Utilities (NU) for a field review at the Devon Station in Milford, Connecticut. NU is petitioning the Council for a declaratory ruling determining that no Certificate of Environmental Compatibility and Public Need is required for the company's proposed replacement of the Devon Station Unit 10 black start emergency combustion turbine. Black start turbines are utilized for start-up capability in the event of a blackout. A previous emergency combustion turbine malfunctioned at Devon Station on July 31, 1984, destroying itself beyond repair. To take this turbine's place, NU proposes to relocate its existing Enfield Unit 10 combustion turbine to the Devon Station.

NU has filed an air permit application with the Department of Environmental Protection. This application indicates that there would be a net reduction in the emissions of sulfur dioxide, total suspended particulates, nitrous oxides, hydrocarbons, and carbon monoxide.

Two 25,000 gallon above ground fuel tanks would be installed on the site to store JP-5 jet fuel. This fuel has a flash point of 100°F. A bermed area would be constructed around the tanks to contain any spill of fuel.

No wetlands would be affected by this project. Noise levels from the operation of the new turbine would increase by 2dBA at the station's property boundary, but would not be detectable from the nearest home. The proposed new facilities would not result in any significant visible changes, and would not be visible from Naugatuck Avenue, the nearest street.

The proposed replacement unit is a Pratt and Whitney FT4A-8LF Turbojet Power Pac, which is now at the Enfield Substation. In a previous field review for Petition No. 117, Council members Clark and Doocy saw this turbine, along with Council staff. For this reason, review team members did not deem it necessary to visit the Enfield Substation in regards to this petition.

The replacement unit would use the same foundation as the existing unit. NU staff indicated that while there is no longer a need for the

turbine in Enfield, its presence in Milford is needed by October, 1985, not only for emergency start-up power but to facilitate scheduled maintenance shut-down of a nuclear unit at that time.

Staff conferred with the Milford town planner, Wade Pierce, who indicated that NU officials had reviewed the project with him and that such a project is exempt from Coastal Site Review.

Robert K. Erling
Siting Analyst

RKE:cp