



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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Petition No. 313  
Northeast Utilities  
Devon Station Units 7 & 8  
Milford, Connecticut  
January 12, 1994

On November 23, 1993, Chairman Mortimer A. Gelston and Colin C. Tait of the Connecticut Siting Council (Council) and Robert K. Erling of the Council staff met Donald D. Biondi, Leslie E. Ross, and Alphonse W. Tawrel of Northeast Utilities (NU) for a field review of this petition. NU is petitioning the Council for a declaratory ruling that the addition of natural gas-firing capability at Devon Station in Milford, Connecticut does not constitute a modification of this facility as defined in Connecticut General Statutes (CGS) section 16-50i(d), or if determined a modification, would not have a substantial adverse environmental effect under CGS Section 16-50k(a), and therefore would not require a Certificate of Environmental Compatibility and Public Need.

The proposed project involves the retrofitting of Devon Station Units 7 & 8 with natural gas-firing capability on an interruptible basis. NU would continue to use No. 6 oil as the primary fuel, burning natural gas when available and less costly than No. 6 oil. The full-load use per unit would be approximately 27.5 million cubic feet of natural gas per day, or 180,000 gallons of No. 6 oil per day. Units 7 and 8 would each retain the current capacity of 109 MW (winter rating). The natural gas would be provided by a new 12-inch diameter underground natural gas lateral from the Iroquois Gas Transmission System (Iroquois) pipeline as described in Petition No. 312, which was reviewed concurrently.

Iroquois would meter the gas and deliver it at a line pressure of approximately 450 to 1440 pounds per square inch gauge. NU would install a pre-heating and gas regulating facility within a 12-foot by 22-foot enclosure with a boiler and electrical distribution equipment, and a 12-foot by 42-foot enclosure containing a heat exchange and regulating equipment. The enclosures would be adjacent to the east side of the existing Devon Station buildings on an existing slab which would be built up and leveled.

No wetlands would be affected by the proposed project, which would also be located outside the 100-year flood zone and stream channel encroachment lines. There would be no increase in wastewater discharge or noise levels from the project.

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The Department of Environmental Protection has determined that neither a permit to construct nor a permit to operate would be required by this project. The gas burners would be designed so that no increase in air emissions would result from the use of natural gas.

The Southern Connecticut Gas Company (SCG) and the Connecticut Light and Power Company (CL&P) are seeking approval from the Department of Public Utility Control (DPUC) of a proposed special contract which would provide for the transportation of gas to CL&P's Devon Station. A hearing, to be held January 31, 1994, will not address siting, but will consider the issues of SCG's rate base and financing.

Robert K. Erling  
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