



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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Petition No. 187  
Northeast Utilities  
Milford, Connecticut  
June 19, 1987

On June 17, 1987, Owen L. Clark and Fred J. Doocy of the Siting Council staff met Lucian Gehami of Northeast Utilities (NU) for a field review at the Devon 7R Substation in the Town of Milford. NU is petitioning the Council for a determination that no Certificate of Environmental Compatibility and Public Need is required for proposed additions to the Devon Substation.

The proposed additions include one 115-4.16kV, 12.5 MVA transformer, one 4.16-2.3kV, 3 MVA transformer, and one 13.8-4.16kV, 12.5 MVA transformer, and their associated equipment. The three new transformers would replace a failed 115-69kV autotransformer and its associated 69-4.16kV and 69-2.3kV transformers. The three new transformers would supply the Devon generating station with reserve station service supply. The existing transformers would be removed. Additionally, NU would reconnect a gas turbine to the 115-kV bus of the step-up transformer, which supplies emergency black-start capability to the station.

The new transformers would be located within the existing fenced area and would not change the sound level at the property line. The project area would not be within the 100-year flood-hazard zone.

Oil used in the transformers would have a PCB concentration of less than 50 ppm, and would thus be classified as non-PCB, as designated by the U.S. Environmental Protection Agency. No television or radio interference is expected to occur from this project.

Construction is expected to begin in August 1987. A completion date of September 1988 is scheduled.

Robert K. Erling  
Siting Analyst