



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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PETITION NO. 253 - United Illuminating Company petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed addition at its Pequonnock Substation in the City of Bridgeport, Connecticut.

United Illuminating Company (UI) is requesting a determination from the Council that a Certificate of Environmental Compatibility and Public Need is not required for a proposed addition to the existing facility.

On Tuesday, July 24, 1990, Chairperson Gloria Dibble Pond, Siting Council member Harry E. Covey, Executive Director Joel M. Rinebold, and analyst Stephen M. Howard met Dave Damer, Jim Long, Rich Reed, and Kate Shanley from UI on the site of the proposed project.

The proposed project consists of the installation of a gas-filled circuit breaker, four disconnect switches, associated bus steel and foundations in the existing space of the first bay of circuit breakers at the substation. An existing high voltage relay house will also be extended by approximately 37 feet. Concurrent with the proposed additions, replacements of fourteen oil-filled circuit breakers, copper bus, nine disconnect switches, associated underground conduits and cables, and steel lightning rods will take place. Present foundations and structural steel will be replaced or repaired if UI deems it necessary. The electrical ground grid of the substation will also be replaced.

The installation of a new circuit breaker and the associated addition, coupled with the concurrent replacement and repair of material is needed to improve and maintain overall system reliability.

The danger of oil spills will be reduced with the elimination of oil-filled equipment. The additions will blend in with the existing substation environment and will have no effect on the environment or ecology of the area.

Construction of the proposed project will take place over separate stages spanning a period of slightly over two years.

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UI contends that the project would be a modification of a facility which would not have a substantial adverse environmental effect as defined in the Connecticut General Statutes Sections 16-50i(d), and pursuant to 16-50k(a) would not require a Certificate of Environmental Compatibility and Public Need.

Stephen M. Howard
Siting Analyst

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