



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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PETITION NO. 256 - The Connecticut Light and Power Company petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for an addition to its Rocky Hill 3R Substation in Rocky Hill, Connecticut.

The Connecticut Light and Power Company (CL&P) is requesting a determination from the Council that a Certificate of Environmental Compatibility and Public Need is not required for the proposed additions at the existing substation facility.

On Thursday, August 2, 1990, Council members Brian Emerick and Mortimer A. Gelston, Executive Director Joel M. Rinebold, and Analyst Stephen Howard met George Corrigan and Aaron Goucher from CL&P at the site of the proposed project.

The proposed project consists of the addition of a 115-kV to 23-kV, 50-MVA transformer with an accompanying sump for a possible oil spill; four 23-kV circuit breakers and one 115-kV circuit breaker; two new 23-kV feeders and associated bus extension; a new tower structure to receive a rerouted transmission line; and a 300 (15'X 20') square foot expansion of the relay and control building.

Alternative plans to expand other substations were deemed not feasible due to the excessive length of distribution lines to the load area.

The proposed additions, except for the expansion of the relay and control enclosure, will be within the existing substation fence area. The proposed equipment additions will blend in with the existing substation surroundings, thus posing little visual impact. The material laydown area will be outside the fence line, but within the property lines. The operational noise levels at a worst case scenario will be within State noise guidelines. The proposed additions will not affect wetlands or waterways, nor do they fall within a 100-year flood zone or any stream channel encroachment lines. The oil used for insulating the transformer will be free of PCB's. The Planning and Zoning Commission and the Open Space and Conservation Commission of the Town of Rocky Hill have approved the proposed project.

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The proposed additions are needed by June 30, 1991 to increase substation capacity in order to meet projected load requirements and to increase system reliability. Construction is to start in August of 1990 and be completed by November 1991. During the five month interval from projected load increase and system operation, the new transformer and its feeders will be placed within the substation, but operated independently from the existing substation. Final construction procedures will serve to interconnect the system.

CL&P contends that the project would not have a substantial adverse environmental effect and pursuant to section 16-50k(a) of the Connecticut General Statutes would not require a Certificate of Environmental Compatibility and Public Need.

Stephen Howard
Siting Analyst

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