



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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Petition No. 219
Stone Connecticut Paperboard Corporation
Replacement of Existing Generator
November 16, 1988

Stone Connecticut Paperboard Corporation (Stone) of Montville, Connecticut, is requesting a determination from the Council that a Certificate of Environmental Compatibility and Public Need would not be required for the replacement of an existing, non-functional, 1.5 MW steam turbine generator by a new 2.8 MW (maximum capability) steam turbine generator.

The project consists of the removal of the existing turbine and the installation of the new turbine on the same foundation. The turbine would be connected to the adjacent AES Thames coal-burning plant and to Stone's existing oil-fired boiler and would receive process steam for electrical generation and paper production processes. As proposed, the project would be a topping-cycle cogeneration facility that would receive steam from either the AES facility or Stone's boiler, or both, generate electricity from the steam for Stone's own use, and discharge the remaining steam to paper dryers and waste paper repulping equipment for Stone's paper production process. No modifications to Stone's existing No. 6 oil-fired boiler or to the AES Thames cogeneration project would be pursued.

Each project would be able to operate independently of the other.

The intended use of the existing boiler would not exceed emission limitations set forth in the existing Department of Environmental Protection air permit for the boiler.

All of the expected 2.2 MW operational capacity would be used internally by Stone and not delivered to Connecticut Light and Power's transmission and distribution system.

Stone contends that the proposed turbine would be exempt from Council jurisdiction under the definition of "facility" pursuant to Connecticut General Statutes Section 16-50i(a)(3) which: excludes facilities owned and operated by private power producers, is a qualifying cogeneration facility under the Public Utility Regulatory Policies Act (PURPA) of 1978, as amended, or is a facility determined by the Council to be primarily for the producers own use, and has a generating capacity less than 25 megawatts.

The proposed project:

- 1) Would be totally owned by Stone. No electric utility would have any ownership interest in the proposed unit;
- 2) Was certified as a qualifying cogeneration facility under PURPA provisions by the Federal Energy Regulatory Agency in an order dated September 28, 1988;
- 3) Would generate less than 25 MW of electricity.

TEF/cp

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