



STATE OF CONNECTICUT

ORIGINAL

CONNECTICUT SITING COUNCIL

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Petition No. 336

Black Pond Junction to Connecticut Yankee 345 kV-Transmission Line
Haddam, Connecticut
Staff Report
December 5, 1994

On November 29, 1994, Connecticut Siting Council (Council) Chairman Mortimer A. Gelston, Council member William H. Smith, and Stephen M. Howard of the Council's staff met with John Case and Ray Gagnon of the Connecticut Light and Power Company (CL&P) at the Haddam Neck Substation to review the proposed modification.

The proposed modification would consist of installing an all-dielectric, self-supporting cable, with a fiber optic core, from Haddam Neck Substation to a private road approximately 0.5 miles to the north. The cable would be installed approximately 30-feet below the 345-kV conductors on existing steel lattice towers. Two new 30-foot wood poles would be installed in the right-of-way to maintain clearances to conductors and ground in the vicinity of the 115-kV circuit. Construction would be scheduled for January 1995.

The proposed project is associated with a larger project to install fiber optic cable from Millstone Nuclear Power Station to Connecticut Yankee to CL&P office in Berlin, as part of a cooperative agreement between CL&P and the Teleport Communication Group (TCG). The majority of the fiber optic lines will be routed along distribution poles; however, wherever network cables need to be routed through CL&P's underground ducts or transmission structures, the agreement requires that design, construction, and maintenance be supervised by CL&P. In these cases, the fiber optic cable will be owned by CL&P, who will use a portion of the fibers and lease the remainder to TCG.

TCG is owned by Cox Cable, TCI, Comcast, and Continental Cable. TCG will also be developing a fiber optic network in the metropolitan Hartford area. TCG will offer a wide variety of services, including digital private lines and enhanced switched services.

CL&P believes that this proposed project, although a modification of an existing electric transmission facility, would not have a significant environmental effect, and therefore, would not require a Certificate of Environmental Compatibility and Public Need from the Council.

Stephen M. Howard
Siting Analyst

SMH/ss