



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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Petition No. 246
Frost Bridge to Stevenson Transmission Line
Watertown, Waterbury, Middlebury, Oxford, and Monroe, CT
March 26, 1990

On March 8, 1990, Robert A. Pulito of the Connecticut Siting Council and Robert K. Erling of the Council Staff met Mike Carlson and Richard Madej of Northeast Utilities (NU) for a field review of this petition. NU is petitioning the Council for a determination that no Certificate of Environmental Compatibility and Public Need would be required for the proposed modifications on this 115-kV transmission line.

The proposed modifications to this line would include:

- a. the bundling of circuit numbers 1980/1990 and 1990/1590 into a single circuit from Frost Bridge substation in Watertown to the Stevenson Substation in Monroe;
- b. the construction of a three-pole guyed wood transition structure at Baldwin Junction in Middlebury;
- c. reconductoring of the span across the Housatonic River between Stevenson substation and a structure on the Oxford side of the river with a 795 kcmil aluminum conductor steel reinforced conductor, replacing the existing 4/0 copper conductor; and
- d. the installation of conductor bundling at seven locations along this line.

The circuit bundling and line reconductoring are required to increase the current carrying capacity of this line to allow a greater transfer of power between the Frost Bridge and Stevenson Substations.

Although brush clearing might be needed in some locations to permit access to the structures, most of the proposed work sites appeared easily accessible from nearby roads.

Construction on this line is proposed to begin in April or May, 1990, with completion expected by the end of June 1990.

Robert K. Erling
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