



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

1 CENTRAL PARK PLAZA • NEW BRITAIN, CONN. 06051

PHONE: 827-2604

Petition No. 146
Northeast Utilities
Canton to Weingart Road Jct.
Field Review of December 9, 1985

Chairperson Gloria Pond, Owen Clark, and Robert Erling of the Siting Council met Mike Carlson and Malcom Burgess of Northeast Utilities (NU) for a field review of Petition No. 146. NU is petitioning the Council that no certificate of environmental compatibility and public need is required for the company's proposed modifications to the existing Canton-Weingart Road Junction 115 kV line in the Towns of Canton, New Hartford, and Harwinton, Connecticut. This line consists of a single circuit line supported by wood pole H-frame structures.

NU proposes to add one structure, and rebuild five others. These wood pole H-frame structures would be 10' - 15' taller than the existing structures on this line. Additionally, ten existing structures would be converted from suspension to strain configuration. Some brush clearing and access road improvement would also be necessary.

The proposed modifications are needed to increase conductor clearances to ground. Field review team members noted the low ground clearances of the conductors on this line. Mr. Carlson noted that there would be even greater sagging of these lines in warm weather. The proposed work would allow the conductors on this line to function at higher temperatures, thus allowing a greater transfer of power between Canton and Weingart Road Junction in Harwinton. The proposed work would be conducted during cold weather, commencing in January, 1986. This would minimize any potential damage to access roads or the four wetlands along this route. One structure, located off of North Road in Harwinton, would be moved approximately 40' to a drier location. Existing access roads appeared to be in good condition.

The site of the proposed additional structure is on a hillside off of Sabolkic Road in New Hartford. NU has secured the permission of the landowner to gain access to this site.

Robert K. Erling
Siting Analyst

RKE/cp