



STATE OF CONNECTICUT

DEPARTMENT OF BUSINESS REGULATION

POWER FACILITY EVALUATION COUNCIL

Petition No. 52
Ridgefield, Connecticut
March 10, 1981

Mr. Tait, Ms. Bates, Christopher Wood, and Duncan Reid met Mr. Thompson and Mr. Hill of Northeast Utilities to review completed Petition No. 52.

This petition involved uprating the 115 kV line from Plumtree Substation to Peaceable Substation for full high temperature operation. Originally the uprating required replacing thirteen structures and increasing the height of five others so ground clearance standards could be met under high temperature operation. Once specific measurements were made for construction, the company decided that the conductors should be raised just to maintain the existing rating and that substantial modifications would be required to increase the existing rating. Consequently only three structures were replaced, two were modified. A Petition 65 was filed to rebuild the whole line.

Structures were replaced south of Plumtrees Road south of route 302, and north of Limekiln Road. Modifications to existing structures increased the height of one H-frame south of Nashville Road and one south of Gallows Hill Road. Also, some danger trees were cut or trimmed during the construction.

Access to structure locations was over old but existing access roads. Some vegetation was cleared from the roads south of Plumtrees Road and south of route 302. A small amount of soil appears disturbed at route 302, and north of Limekiln Road. Some sand has been left at the base of the structure which is adjacent to the road. Danger tree clearing was evident within the right of way west of Chestnut Ridge reservoir, but the long access road through the reservoir area was not used.

The staging area north of Plumtrees Road has been graded and seeded and is in better condition now than it was during the initial petition review.

Final approval is recommended.

Duncan C. Reid
Environmentalist
March 31, 1981

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