



STATE OF CONNECTICUT

POWER FACILITY EVALUATION COUNCIL

STATE OFFICE BUILDING HARTFORD, CONNECTICUT 06115

TEL (203) 566-5612

Petition 31
Norwalk, CT
September 14, 1978

Gloria Pond, Patricia Smith and Duncan Reid met Gerald Thompson and George Benedetti of NUSCO in Norwalk to review completed Petition #31.

Originally this petition involved voltage increases, and changes in some conductors and structures between Norwalk Substation and Rowayton Junction to achieve load balances in the event of an outage.

Because construction of a 345kV supply to the Norwalk substation was delayed, the desired line balances could be accomplished by a tap at Rowayton Junction instead of Norwalk Substation. The changes specified in the original petition may be necessary when a 345kV supply to Norwalk Substation is established.

Between Rowayton Junction and Glenbrook Substation in Stamford, structure and conductor additions were proposed. Construction involved the addition of new arms on the north side of existing steel poles, installation of a 1272 Kcmil ACSR conductor, installation of a tubular steel structure and the replacement of a steel structure with one of similar design next to Glenbrook Substation, and the installation of a tubular steel structure east of Raymond Street in Darien.

This line runs immediately adjacent to the Penn Central Railroad tracks. A small portion west of Raymond Street is vegetated except for access roads maintained by Penn Central. The remainder of the line traverses a commuter parking lot and follows the railroad tracks.

Land use adjacent to the line is mostly commercial and urban residential. Much of the nearby development was constructed adjacent to the line which was originally built in 1967. A transmission line on the south side of the railroad tracks was built in 1938. Several expensive houses were built with pre-existing towers in the front yard!

The construction associated with Petition 31 appears to have had no significant adverse environmental impact. It is recommended that this petition be finally approved.

Duncan Reid
Environmentalist