



# STATE OF CONNECTICUT

## POWER FACILITY EVALUATION COUNCIL

Petition No. 48  
Durham, Connecticut  
May 28, 1981

Commissioner Boucher, Chris Wood, and Duncan Reid met Mr. Lis and Mr. Thazhampallath to review completed Petition No. 48.

This petition involved the installation of two deadend three pole wood tap structures and associated guys and a slack span of approximately 84 feet of aluminum conductor steel reinforce beneath and perpendicular to two existing 115 kV lines which are operating as one circuit. Vertical taps extend upward from the new conductors to the existing H-frame line conductors. According to the petition this construction was necessary to assure correct relay response to faults on either of the lines. This circuit tie is located approximately one half mile east of Connecticut Route 17 on the Durham-Middletown town line.

The tie is not visible from any houses or roads. No new right of way was necessary. Trees and shrubs were cleared directly beneath the new conductors, but the top soil was not disturbed and revegetation has already begun. An existing access road was used and remains in good condition. Soil disturbance at the base of each new pole is barely noticeable.

Final approval is recommended.

Duncan C. Reid  
Environmentalist  
May 28, 1981

DCR:kp