



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

1 CENTRAL PARK PLAZA • NEW BRITAIN, CONN. 06051

PHONE: 827-2604

Petition No. 118
Northeast Utilities
South End Substation
Stamford, Connecticut
November 16, 1984

Northeast Utilities (NU) is petitioning the Siting Council for a declaratory ruling that no certificate of environmental compatibility and public need is required for modifications to an existing 115 kV substation in Stamford. NU proposes to add one 47 MVA, 110-13.2 kV transformer, two 13.2 kV feeders and two 5.4 MVAR capacitor banks in order to meet the projected 13.2 kV load and voltage requirements in the Stamford area.

The proposed additions would be contained within the existing substation fence and be surrounded by other structures, thus precluding any noticeable visual impact. The company maintains that adding a transformer to two existing transformers would not substantially change sound levels beyond the substation fence line. Oil to be used in the transformer would have a PCB concentration of less than 50 ppm, and is therefore considered to be non-PCB as defined by the Environmental Protection Agency.

All construction would take place within the fenced area of the substation. The substation is not within any stream channel encroachment lines. This project would not result in any local radio or television interference. Construction would begin in January 1985 with an expected completion date of May 1986.

Robert K. Erling
Siting Analyst
RKE/cp