



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

1 CENTRAL PARK PLAZA • NEW BRITAIN, CONN. 06051

PHONE: 827-2604

PETITION NO. 90
December 6, 1982

Fred Doocy, Mortimer Gelston, and George Dunn met Jerry Thompson, John Harrington, and Frank Perotti of Northeast Utilities (NU) to review the proposed modification of eight wood-pole H-frame structures on an existing 115 kV transmission line which runs from Mystic Substation to Whipple Junction and involves structures in the towns of Stonington, Ledyard, and Groton. NU petitioned the Council on November 5, 1982, requesting a determination that no certificate of environmental compatibility and public need is required for the proposed modifications because the proposed construction will not have a substantial adverse environmental effect.

The proposed project would replace four structures with taller ones. The cross bars on two existing structures would be raised and the insulator configurations on two other structures would be changed from suspension to strain type. The maximum height increase would be 13 feet and the new or modified structures would be the same type as those that now exist.

Of the eight structures discussed in this petition, three are immediately adjacent to road crossings, three are within 300 yards of road crossings, and the other two are within 600 yards of road crossings. Some access road improvement and brush clearing would be required. No wetland obstacles were evident at any sites and construction is planned when dry conditions exist: from September 1983 through October 1983. All-terrain vehicles would be used where practical and right-of-way rehabilitation would be accomplished as needed.

The proposed changes would create little difference in the appearance of the line. In fact, increasing the height of structure no. 8462, which supports conductors crossing an open field area and the road near the Mystic Marinelife Aquarium public parking lot, would bring the three conductors at the road crossing up to the same plane as the three adjacent conductors of a second 115 kV circuit on the same right-of-way. This would decrease the visual impact in the most visible area of the proposal.

The increase in conductor height would allow greater loading of the existing circuit.

George A. Dunn
Environmentalist
12/7/82