STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Northeast Utilities Service Company Application to the Connecticut Siting Council for a Certificate of Environmental Compatibility and Public Need ("Certificate") For The Construction of a New 345-Kv Electric Transmission Line Facility and Associated Facilities Between Scovill Rock Switching Station in Middletown and Norwalk Substation In Norwalk, Including the Reconstruction of Portions of Existing 115-kV and 345-kV Electric Transmission Lines, the Construction of Beseck Switching Station in Wallingford, East Devon Substation in Milford, and Singer Substation in Bridgeport, Modifications at Scovill Rock Switching Station and Norwalk Substation, and the Reconfiguration of Certain Interconnections

Docket No. 272

December 3, 2004

ANSWERS OF ABB INC. TO FIRST SET OF INTERROGATORIES TO ABB INC. FROM THE TOWN OF DURHAM AND THE TOWN OF WALLINGFORD DATED NOVEMBER 17, 2004

(1) Did ABB, in its preparation of the (3) options discussed in the Study, evaluate the feasibility of including an HVDC cable segment from Beseck Switching Station east to Oxbow Junction (the "Beseck-Oxbow Segment"), in any of those options?

ABB Response: No.

(2) If the answer to Interrogatory #1 is "no", please explain:

(a) why the Beseck-Oxbow Segment was not evaluated; and

ABB Response: The main focus and scope of the ABB study as discussed with the Applicants when we started the study was on evaluating the feasibility of replacing the Phase II all-AC alternative for the Beseck-Devon-Singer-Norwalk segments with a VSC-HVDC all-underground alternative. ABB was not requested to study extending the VSC-HVDC solution beyond Beseck.

(b) whether it is possible (and if not, why not) to now perform an evaluation of the Beseck-Oxbow Segment.

ABB Response: ABB could evaluate, under a consulting contract, the electrical and technical feasibility of extending VSC-HVDC technology beyond Beseck Substation to Oxbow. However, the original study was done under contract with Northeast Utilities (NU) and any further studies will need to be authorized by NU.

(3) If the answer to Interrogatory #1 is "yes", please explain in detail the results of that evaluation. Please provide all supporting documentation for those results.

ABB Response: Not applicable.