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

January 7, 2005

ERRATA SHEETS FOR EXHIBITS FILED BY ABB, INC. ON DECEMBER 15, 2004

ABB, Inc. submits the following corrections to its Answers to Interrogatories that have been accepted as exhibits by the Siting Council. The corrections were previously made on the record by ABB, Inc. and its witnesses at the hearing in this docket held on December 15, 2004.

The errors are listed by exhibit, the correct wording is in **bold** characters.

1. Exhibit 10, ABB's answer to CL&P/UI first set of interrogatories

Corrections to item 15:
Replace the table of losses on page 9 with the following corrected table. The right-most column of losses has been corrected.

	Option 1		Option 2		Option 2a		Option 2b		Option 3	
No. of Converters	10		6		6		4		6	
No. of Cable pairs	3		3		3		2		3	
Total Circuit Length (miles)	54		54		54		54		30,4	
Rated Power of Each Link (MW)	370		370		370		530		370	
Total Transfer Throughput (MW)	1110		1110		1110		1060		1110	
Power level, %	Overall System Losses Based on % of Total Transfer Throughput for Option									
	Stations (%)	Cables (%)	Stations (%)	Cables (%)	Stations (%)	Cables (%)	Stations (%)	Cables (%)	Stations (%)	Cables (%)
0	0,39	0,00	0,24	0,00	0,24	0,00	0,21	0,00	0,24	0,00
10	1,31	0,01	0,79	0,01	0,79	0,01	0,75	0,01	0,79	0,01
50	3,09	0,23	1,85	0,23	1,85	0,23	1,83	0,21	1,85	0,13
100	5,82	0,92	3,49	0,92	3,49	0,92	3,49	0,85	3,49	0,52

Corrections to sheet 19, appendix related to question 14:

3. Electrical data

U_0 = 150 kV DC

~~Three~~ Two parallel circuits
One circuit is two bipolar cables
Rating current per circuit 1850 A

2. Exhibit 11, ABB's answer to ISO-NE First Set of Interrogatories

Correction to item 6 on page 4. The corrected word is highlighted in the following sentence, found a little bit below the middle in the answer.

..... However, a planned runback control feature would not be implemented unless validated **through** system studies and approved by the appropriate authorities. .....

3. Exhibit 12, ABB's answer to the first set of interrogatories of the Town of Cheshire, Milford, Orange, Weston, Wilton and Woodbridge

Correction to item 18 on page 5:

18. Does ABB agree with or disagree with the statement contained in the IRR that the use of VSC-HVDC in Southwest Connecticut would require the use of control technologies that are still in their infancy?

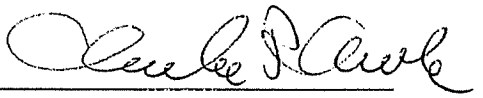
Disagree

4. Exhibit 22B, Technical Description of VSC HVDC Converter and Cable Technology

Corrections to middle section of clause 3.5.1, Magnetic Field Standards and Requirements

The International Commission on Non-Ionizing Radiation Protection (ICNIRP) has published guidelines for exposure to both static magnetic fields and time-varying magnetic fields. For the general public the static magnetic field exposure standard is 40 **milli-**Tesla (mT) for continuous exposure, except for persons with cardiac pacemakers and other implanted electronic devices, where the standard is lower (0.5 mT). For 60 Hz AC the reference level for the general public is 83 μT (0.083 mT).

ABB, INC.

By: 

Charles R. Andres
Tyler Cooper & Alcorn, LLP
205 Church Street
P.O. Box 1936
New Haven, Connecticut 06509-1910
Telephone: 203-784-8200

-- Its Local Attorney –