

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@po.state.ct.us

www.ct.gov/csc

October 22, 2004

Roger C. Zaklukiewicz
Vice President
Transmission Engineering and Operations
Northeast Utilities System
P.O. Box 270
Hartford, CT 06141-0270

Richard J. Reed
Vice President of Electric System
The United Illuminating Company
801 Bridgeport Avenue
Shelton, CT 06484

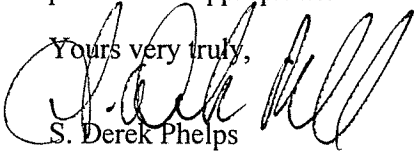
RE: **DOCKET NO. 272** - The Connecticut Light and Power Company and The United Illuminating Company Application to the Connecticut Siting Council for a Certificate of Environmental Compatibility and Public Need ("Certificate") for the construction of a new 345-kV electric transmission line facility 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.

Dear Mr. Zaklukiewicz and Mr. Reed:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than November 4, 2004. To help expedite the Council's review, please file individual responses as soon as they are available.

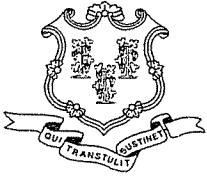
Please forward original and 20 copies to this office including an electronic filing. In accordance with the State Solid Waste Management Plan, the Council is requesting that all filings be submitted on recyclable paper, primarily regular weight white office paper. Please avoid using heavy stock paper, colored paper, and metal or plastic binders and separators. A list of parties and intervenors dated August 26, 2004, is enclosed. Fewer copies of bulk material may be provided as appropriate.

Yours very truly,


S. Derek Phelps
Executive Director

Enclosure

c: Parties and Intervenors



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Docket No. 272
Connecticut Siting Council
Pre-Hearing Question
Set Number Six

91. Identify using an appropriate format, houses, private or public schools, licensed child day care facilities, licensed youth camps, and public playgrounds located adjacent to the right-of-way for the proposed overhead construction in segments 1 and 2, that would be within a transmission line magnetic field calculated to be 6 milliguass (mG) or more, using 15 and 27.7 gigawatt (GW) current loading (amps) assumptions and the low magnetic field designs previously presented to the Council.
92. Also, for the 15 GW case, identify additional field reduction strategies that could be employed to reduce the magnetic field at the locations identified in Question 91 to less than 6 mG.
93. Provide typical tower height for each transmission right-of-way cross section in segments 1 and 2 to maintain existing magnetic fields at edge of right-of-way (no net increase).
94. Describe the extent of clearing in a right-of-way when tower height is 130 feet or greater. Could the right-of-way become less in width if conductors are equal to tree height or higher (assume 75 feet for tree height). Explain.
95. Provide a typical profile of a right-of-way with a tower 130, 150, 170, and 190 feet tall. Show required right-of-way width and vegetative clearing.