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VIA MESSENGER AND
ELECTRONIC MAIL

September 11, 2006

Daniel Caruso
Chairman
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

Re: Life-Cycle 2006 - Comments on Draft Report

Dear Chairman Caruso:

I enclose an original and twenty copies of the comments of The United Illuminating Company on the Connecticut Siting Council's Draft Life-Cycle Report.

Very truly yours,



Bruce L. McDermott

cc: Service List

Enclosure

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STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

THE CONNECTICUT SITING COUNCIL : Life-Cycle 2006
INVESTIGATION INTO THE :
LIFE-CYCLE COSTS OF ELECTRIC :
TRANSMISSION LINES : September 11, 2006

COMMENTS OF THE UNITED ILLUMINATING COMPANY
ON DRAFT REPORT

The United Illuminating Company (“UI”) appreciates the opportunity to participate in the Connecticut Siting Council’s (“Council”) Investigation into the Life-Cycle Costs of Electric Transmission Lines. The Council and its consultants have compiled a comprehensive draft report that will help promote a more informed dialog in future Council proceedings regarding transmission line costs. UI offers the following comments on the Council’s August 25, 2006 Draft Report.

1. Draft Report, page 3-3, first bullet: Site work should not include foundations, erecting structures or stringing conductors. That work should be included in the “Construction” bullet.
2. Draft Report, page 3-5, Table 3-5: The estimate provided by UI for this study was for a transmission line tap to feed a new substation located away from existing transmission. For this reason, a cable size of 1750 kcmil was used. Typical construction may use a larger conductor value.

3. Draft Report, page 4-1, first line of Section 4.1: Change “These factors are all are interrelated.” to “These factors are all interrelated.”

4. Draft Report, page 4-8, “Contaminated Soil”: The Draft Report states that a large percentage of the soil under the local and state roads in Southwest Connecticut is contaminated. UI suggests the Council cite to a reference to support this statement or delete “a large percentage of”. UI suggests deleting “prudent” in the second line.

5. Draft Report, page 4-8, Section 4.3.4: Change “which may take up to a year, has to be done in parallel with other permits by the Council or the CTDEP.” to “which may take up to a year, is typically done in parallel with other permits granted by the Council and/or the CTDEP.”

6. Draft Report, page 4-9, last sentence: Applying the \$2,500,000 per mile of land costs for underground transmission lines suggests that the costs for land acquisition for overhead lines are typically equivalent to underground lines, which is not the case.

7. Draft Report, page 5-8, first bullet: It should be noted that running composite conductors at high temperatures can cause equivalent or even greater line losses as those experienced by conventional conductors.

8. Draft Report, page 5-10, second paragraph: The Draft Report notes that composite conductors have been proven to have two to three times the current carrying capability of conventional conductors. UI’s research into composite conductors indicates that current carrying capability increase is on the order of 30%. See Response to Interrogatory CSC-9.

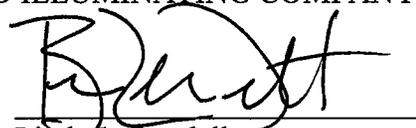
9. Draft Report, page 8-1: Change the name of the section from “Cost Effects of EMF and Mitigation” to “Cost Effects of EMF Mitigation”.

10. Draft Report, section 9.2.3: Replace “toxic” with “contaminated” throughout this subsection.

Respectfully submitted,

THE UNITED ILLUMINATING COMPANY

By:



Linda L. Randell

Bruce L. McDermott

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Its Attorney

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CERTIFICATION

This is to certify that on this 11th day of September, 2006 an original and twenty (20) copies of the foregoing was hand-delivered to The Connecticut Siting Council, 10 Franklin Square, New Britain, CT 06051 and one (1) copy was sent via electronic mail or mailed, postage prepaid, on this 11th day of September, 2006 to all other known parties and intervenors.



Bruce L. McDermott

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