



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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September 7, 2006

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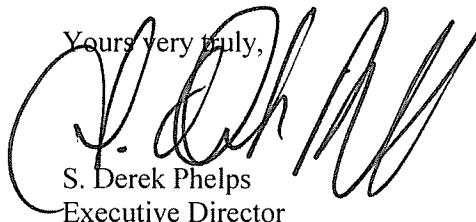
RE: **DOCKET NO. 317** - The United Illuminating Company application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a proposed 115-kV/13.8-kV electric substation and associated facilities located at 3-7 Wildflower Lane, Trumbull, Connecticut.

Dear Attorneys Randell and McDermott:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than September 21, 2006. To help expedite the Council's review, please file responses as soon as they are available.

Please forward an original and 20 copies to this office. 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. Fewer copies of bulk material may be provided as appropriate.

Yours very truly,



S. Derek Phelps
Executive Director

SDP/MP

c: Council Members
Parties and Intervenors
Richard J. Reed, Vice President – Electric System, UI
Eugene Kallaur, Project Manager – Transmission & Substation Projects, UI
Kathleen Shanley, Director of Environmental Safety & Real Estate, UI

**Docket No. 317: UI Trumbull Substation
Pre-Hearing Interrogatories, Set One**

1. What were the results of The United Illuminating Company's (UI) notice to abutting property owners of its Application for a Certificate of Environmental Compatibility and Public Need (Application)? Did UI receive certified mail receipts from all abutters? If not, how many receipts were not returned? Did UI make any additional attempts to notify property owners from whom it might not have received return receipts?
2. How many homes are within a 1,000 foot radius from the center of the proposed substation? Provide the distance and direction of each.
3. How far away is the nearest state-designated scenic road?
4. Will any fuels or hazardous materials be stored at the proposed substation? If yes, provide the best management practices for managing such materials.
5. Would any blasting be required during the construction of the substation?
6. Would any equipment, supplies, or materials be stored at the proposed substation?
7. Would there be any impulse noise from switching operations, circuit breakers, or other sources? Describe events that would cause impulse noise. How frequently would such events occur?
8. Would the transformers have oil containment sumps to catch any accidental release of insulating oil? Explain how the containment system would work.
9. Would the proposed substation be lit under normal conditions, or only when work is being performed? Explain.
10. Approximately how many trees with a diameter at breast height of six inches or greater would have to be removed to construct the substation and access roads?
11. Approximately how much cut and fill would be required to prepare the substation site and access drives?
12. On page 15, Volume 1, of the Application, it states that two 24/32/40 MVA transformers would be installed in the proposed substation. Explain why there are three ratings, e.g. 24, 32, 40.
13. Will an emergency generator be needed for backup power for control equipment? If yes, provide the specifications of the emergency generator and fuel type.
14. On page 16, Volume 1, of the Application, it states that "A new single pole tubular steel dead-end structure, located within the substation fenceline, will be approximately 75 feet above grade." Would this structure be the tallest object within the fenced substation? If no, please explain.

15. Describe the type, height and purpose of existing structures at the proposed substation site.
16. Would the chain link fence have barbed wire?
17. Compare and contrast magnetic fields at abutting residences before and after the proposed substation is operating.
18. Provide copies of the written responses that were noted in Volume 1 of the Application, Exhibit B, page 8-1. (These were letters from the Connecticut Commission on Culture and Tourism; Connecticut Historical Commission; and U.S. Department of the Interior.)