

STATE OF CONNECTICUT

SITING COUNCIL

Re: The Connecticut Light and Power Company and) Docket 272
The United Illuminating Company Application for a)
Certificate of Environmental Compatibility and)
Public Need for the Construction of a New 345-kV)
Electric Transmission Line and Associated Facilities)
Between Scovill Rock Switching Station in)
Middletown and Norwalk Substation in Norwalk,)
Connecticut Including the Reconstruction of)
Portions of Existing 115-kV and 345-kV Electric)
Transmission Lines, the Construction of the Beseck)
Switching Station in Wallingford, East Devon)
Substation in Milford, and Singer Substation in) May 13, 2004
Bridgeport, Modifications at Scovill Rock)
Switching Station and Norwalk Substation and the)
Reconfiguration of Certain Interconnections)

**ERRATA PAGES FOR CHANGES READ INTO THE RECORD BY
APPLICANTS' WITNESSES DURING HEARINGS ON MAY 12, 2004**

The Connecticut Light and Power Company (“CL&P”) and The United Illuminating Company (“UI”) (together, the “Companies”) submit the attached errata pages to document corrections to the pre-filed testimony of the Companies’ witness. These corrections were read into the record by the Companies expert witness during the Connecticut Siting Council (“Council”) hearing held in this docket on May 12, 2004.

Errata Pages

- Correction to Exhibit 12 on page 15 of the Supplemental Testimony of William H. Bailey Concerning Site Specific Designs to Reduce 60-Hz Electric and Magnetic Fields

- Corrections to pages 8 and 16 of the Supplemental Testimony of William H. Bailey Concerning Passive Regulatory Responses with Respect to 60 Hz Electric and Magnetic Fields

Respectfully Submitted,

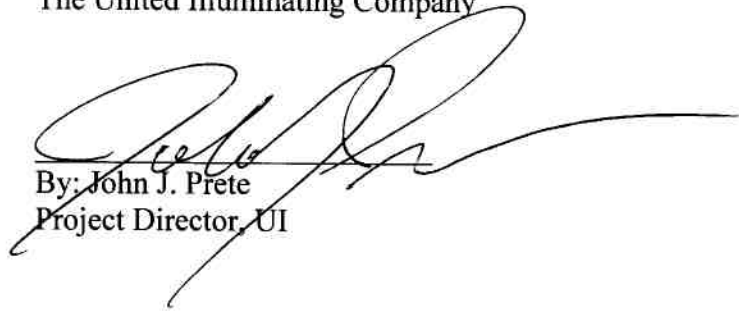
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Docket: 272

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Correction to Supplemental Testimony of William H. Bailey Concerning
 Site-Specific Designs to Reduce 60-Hz Electric and Magnetic Fields
Changes are Shown in Bold Type

Exhibit 11. Jewish Community Center: 15GW Case

ROW	Site Condition	ROW Edge (0')		Building Edge (-60')		Typical Structure Height (ft)	
		(mG)	(kV/m)	(mG)	(kV/m)	115 kV	345 kV
1	Existing Lines (For Reference)	5.0	0.54	1.4	0.09	57' 57' 80'	- - -
2	Proposed Lines (For Reference)	8.5	0.47	3.3	0.06	80'	85'
3	Proposed Lines	7.8	0.46	3.2	0.07	90'	95'
4	Proposed Lines	7.1	0.41	3.1	0.08	100'	105'
5	Proposed Lines 345kV Vertical Line	8.3	0.20	3.8	0.27	80'	105'
6	Proposed Lines 345kV Split-Phase Line	2.3	0.40	0.5	0.08	80'	105'

Exhibit 12. Jewish Community Center: 27GW Case [*Corrected Table*]

ROW	Site Condition	ROW Edge (0')		Building Edge (-60')		Typical Structure Height (ft)	
		(mG)	(kV/m)	(mG)	(kV/m)	115 kV	345 kV
1	Existing Lines (For Reference)	30.8	0.60	6.5	0.09	57' 57' 80'	- - -
2	Proposed Lines (For Reference)	29.0	0.46	11.1	0.06	80'	85'
3	Proposed Lines	27.0	0.47	10.8	0.07	90'	95'
4	Proposed Lines	24.6	0.42	10.5	0.08	100'	105'
5	Proposed Lines 345kV Vertical Line	32.8	0.24	14.5	0.28	80'	105'
6	Proposed Lines 345kV Split-Phase Line	12.2	0.38	3.0	0.08	80'	105'

Changes are Shown in Bold Type

- A. Only in a non-technical sense. The precautionary principle is embedded in both European and U.S. regulatory considerations and actions as a legal principle and therefore when applied by government agencies would seem to go beyond a “passive response.”

The European Commission has identified the precautionary principle as a key tenet of environmental policy. **In** the Rio Declaration on the Environment at The United Nations Conference on Environment and Development, the precautionary principle is defined:

Principle 15

In order to protect the environment, the precautionary approach shall be widely applied by States according to their capabilities. Where there are threats of serious or irreversible damage, lack of full scientific certainty shall not be used as a reason for postponing cost-effective measures to prevent environmental degradation (UNEP, 1992)

The European Commission (EC, 2000) has provided guidance to decision makers on the application of the precautionary principle. The Commission recommends:

- *Proportionality*. “Measures . . . must not be disproportionate to the desired level of protection and must not aim at zero risk.”
- *Nondiscrimination*. “[C]omparable situations should not be treated differently and. . . different situations should not be treated in the same way, unless there are objective grounds for doing so.”
- *Consistency*. “[M]easures . . . should be comparable in nature and scope with measures already taken in equivalent areas in which all the scientific data are available.”
- *Examination of the benefits and costs of action or lack of action*. “This examination should include an economic cost/benefit analysis when this is appropriate and feasible. However, other analysis methods . . . may also be relevant.”
- *Examination of scientific developments*. “The measures must be of a provisional nature pending the availability of more reliable scientific

Correction to Supplemental Testimony of Dr. William H. Bailey Concerning Passive
Regulatory Responses with Respect to 60Hz Electric and Magnetic Fields – May 12, 2004

Changes shown in bold type

- Q. What are the bases for the standards and guidelines adopted by these states regarding transmission lines?
- A. For electric fields the goal of these guidelines and standards is to prevent contact shocks, particularly from large ungrounded vehicles parked under the conductors and to minimize field perception. The two states that enacted standards for magnetic fields thoroughly examined health and safety issues regarding fields from transmission lines but did not **conclude** that they pose a public health risk. The basis for limiting magnetic fields from transmission lines was to maintain the ‘status quo’ so that fields from new transmission lines would be no higher **than** those produced by existing transmission lines.
- Q. Have state health or transmission siting agencies recommended limits on electric or magnetic fields based upon new scientific information that has become available since the completion of the RAPID program and evaluation of the research by NIEHS?
- A. No. As shown in Attachment 4, the most recent standards that we could **find** for magnetic fields were published in 1990; and for electric fields it was 1996.
- Q. Would populations near the existing or proposed transmission lines on the proposed or alternative routes be identified as subject to adverse health effects as