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April 24, 2007

Daniel F. Caruso, Chairman
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RE: **DOCKET NO. 327** - The Connecticut Light and Power Company application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a proposed substation located off Commerce Park Drive, Oxford, Connecticut

Dear Chairman Caruso:

Enclosed please find 20 copies and an electronic version of CL&P's pre-hearing filing in the above referenced matter.

Very truly yours,



Robert S. Golden Jr.

Enclosures
No Service List at this time

**STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL**

DOCKET NO. 327 - THE CONNECTICUT LIGHT AND :
POWER COMPANY APPLICATION FOR A :
CERTIFICATE OF ENVIRONMENTAL : DOCKET NO. 327
COMPATIBILITY AND PUBLIC NEED FOR THE :
CONSTRUCTION, MAINTENANCE, AND :
OPERATION OF A PROPOSED SUBSTATION :
LOCATED OFF COMMERCE PARK DRIVE, OXFORD, :
CONNECTICUT : APRIL 24, 2007

APPLICANT'S PRE-HEARING CONFERENCE FILING

In response to the Council's notice dated April 11, 2007, the Applicant files herewith its preliminary list of witnesses and request for administrative notice. This list is based on information available at this time, and may be supplemented.

A. PRELIMINARY LIST OF WITNESSES

The Applicant proposes to file integrated direct testimony that will be sponsored and adopted under oath by a lead witness, along with the pre-filed exhibits; and to present a panel of witnesses, including the lead witness, for cross-examination. The integrated direct testimony will address all issues within the scope of this proceeding. Several witnesses will be available for cross-examination on all aspects of the Application. At the present time, the Applicant expects to present the following principal witnesses:

Kenneth B. Bowes, Lead Witness / Director of Transmission Projects

The Applicant's lead witness will be Kenneth B. Bowes, Director of Transmission Projects, Northeast Utilities Service Company. Mr. Bowes will also be the principal witness on cross-examination with respect to substation engineering and construction issues.

Robert E. Carberry, Manager – Transmission Siting and Permitting

Northeast Utilities Service Company will be available to answer Electric and Magnetic measurement questions, and in addition to the Project Manager may be called on to respond to engineering, and construction questions.

Amanda M. Carroll, Associate Scientist

Ms. Carroll, Associate Scientist, Northeast Utilities Service Company, may be an additional witness for cross-examination to answer questions pertinent to the environment.

Jeffery Martin, Project Manager

Mr. Martin is a Project Manger - Transmission, Northeast Utilities Service Company, and the Project Manager for the Oxford Substation. He will be available to answer engineering, construction and municipal relations questions.

Michael D. Carlson, Principal Engineer

Michael D. Carlson is a Principal Engineer - Substations, Northeast Utilities Service Company, and may be an additional witness for cross-examination to answer questions pertinent to substation engineering, design and operation.

Other Witnesses

CL&P may have additional witnesses with specific expertise available to answer questions.

B. ADDITIONAL ITEMS FOR ADMINISTRATIVE NOTICE

1. Connecticut 1998 Report On Task Force Activities To Evaluate Health Effects From Electric And Magnetic Fields, The Interagency Task Force Studying Electric And Magnetic Fields, January 1998.
2. IEEE Standard Procedures for Measurement of Power Frequency Electric and Magnetic Fields From AC Power Lines, IEEE Std 644-1994, December 13, 1994.
3. IEEE Guide for the Design, Construction, and Operation of Electric Power Substations for Community Acceptance and Environmental Compatibility, IEEE Std 1127-1998 (R2004) (Revision of IEEE Std 1127-1990).
4. Review of Scientific Evidence for Limiting Exposure to EMF, National Radiation Protection Board, 2004.
5. Draft of September 28, 2006, Electric and Magnetic Field Best Management Practices for the construction of Electric Transmission Facilities in Connecticut.
6. National Electrical Safety Code, C2-2007 August 1, 2006.
7. Connecticut General Statutes Section 16-243 and sections 16-11-137, and 139 of the Regulations of Connecticut State Agencies (and by reference the National Electrical Safety Code ANSI C2, 2007 Edition).
8. Review of the Ten Year Forecast of Connecticut Electric Loads and Resources, Connecticut Siting Council, November 14, 2006.
9. Connecticut Guidelines for Soil Erosion and Sediment Control, May 2002, as amended.
10. Conservation and Development Policies Plan for Connecticut 1998-2003, adopted by the Connecticut General Assembly, 1998.
11. PETITION No. 237 – The Connecticut Light and Power Company petition that Connecticut General Statutes § 16-50z does not apply to electric substations.
12. An Assessment and Report of Distributed Generation Opportunities in Southwest Connecticut, Institute for Sustainable Energy at Eastern Connecticut State University with assistance from XENERGY, January 14, 2003.

13. Distributed Generation Market Potential: 2004 Update/Connecticut and Southwest Connecticut, Institute for Sustainable Energy at Eastern Connecticut State University with assistance from XENERGY, March 15, 2004.
14. CL&P Forecast of Loads and Resources for 2007– 2016, March 1, 2007.
15. UI 2006 Forecast of Loads and Resources for 2006 – 2015 Forecast.
16. ISO Blackout 2003: Performance of the New England and Maritime Power systems During the August 2003 Blackout, February, 2004.

C. ITEMS OF NOTICE WE INCLUDED IN THE APPLICATION

1. The Connecticut Light & Power Company's Application and Supplemental Testimony in Connecticut Siting Council's Docket 272
 - a.) The Electric and Magnetic Field Assessment portion of Volume 6: Engineering including "Electric and Magnetic Field Assessment," "Tutorial - Underground Electric Power Transmission Cable Systems," "Evaluation of Potential 345-kV and 115-kV Cable System as Part of the Middletown-Norwalk Project," and Singer Substation Site Selection Study.
2. Connecticut Siting Council Electric and Magnetic Field Best Management Practices, February 11, 1993
3. NIEHS Report to Congress on Health Effects from Exposure to Power-Line Frequency Electric and Magnetic Fields, 1999
4. EMF, Electric and Magnetic Fields Associated with the Use of Electric Power, Questions and Answers, NIEHS, 2002
5. Research on Power-Frequency Fields, National Research Council, 1999
6. Review of the Scientific Evidence for Limiting Exposure to EMF, National Radiation Protection Board, 2004