

ORIGINAL

DOCKET NO. 115 - An application of The United Illuminating Company for a Certificate of Environmental Compatibility and Public Need for the construction of two 115,000/13,800 volt substations and connecting underground transmission lines in New Haven, Connecticut.

Connecticut
Siting
Council
February 5, 1990

DECISION AND ORDER

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council finds that the effects associated with the construction, operation, and maintenance of two substations, two underground 115kV transmission lines linking these new substations to United Illuminating's transmission and distribution system, and modifications to existing substations in the City of New Haven, Connecticut, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not significant either alone or cumulatively with other effects, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and that the location of the line will not pose an undue hazard to persons or property along the area traversed by the line, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by Section 16-50k of the General Statutes of Connecticut (CGS), be issued to United Illuminating Company, for the proposed construction, operation, and maintenance of the proposed substation and transmission line facilities.

1. Conditions

- a. The transmission lines, substations, and substation modifications shall be constructed substantially as specified by the Certificate Holder in the application, as detailed and modified by the applicant in the record of this docket.
- b. The Certificate Holder shall comply with all future electric and magnetic field standards promulgated by State or federal regulatory agencies. Upon establishment of any standards, the facility granted in this Decision and Order shall be brought into compliance with such standards.

- c. The construction and operation of the facility shall be in accordance with all applicable federal and State regulations and standards.
- d. All necessary permits, agreements, and approvals shall be finalized and secured by the Certificate Holder prior to the commencement of construction.
- e. Unless otherwise approved by the Council, this Decision and Order shall be void if all construction authorized herein is not completed within three years of the issuance of this Decision and Order, or within three years of the completion of any appeal taken in this Decision and Order.

2. Notifications

The Certificate Holder shall notify the Council of the following:

- a. Commencement of construction for each substation and transmission line;
- b. Commencement of testing for each transmission line segment;
- c. Commencement of operation; and
- d. Cessation of construction prior to commercial operation.

3. Development and Management Plan

The Certificate Holder shall, prior to the construction of transmission line, new substation, or existing substation modifications, submit the following items as part of an overall Development and Management (D&M) Plan for Council approval, modification, or denial within 45 days of the Council's receipt of such plan, as required in Section 16-50j-60 through 16-50j-62 of the Regulations of State Agencies. All plans are to include detailed provisions for design, placement, implementation, analysis, and scheduling. The Certificate Holder may consult with Council staff in the preparation of the D&M Plan.

- a. Final procedures for the transmission lines construction flow plans;
- b. Final one inch to 50 feet scale plans showing each line segment's route, drainage relocations, and other utility locations;

- c. Plans for erosion and sedimentation control consistent with the Connecticut Guidelines for Soil Erosion and Sediment Control including control measures to minimize sedimentation to the Mill River. This element shall identify the placement, use, and removal of all control measures;
- d. Plans for the ultimate disposal of excess excavated material from the transmission line trench, Osborn Street pipe bridge construction, and substations' constructions, including soil, brick, concrete, asbestos, wood, bituminous materials, and other demolition debris;
- e. Plans for fugitive dust control including parameters for identification of a dust problem and mitigation measures;
- f. Final procedures for traffic management and driveway access during construction and in particular, access to New Haven's hospitals for emergency vehicles and Yale University's parking lots;
- g. Procedures and schedule for night and weekend construction as developed with the City of New Haven;
- h. Procedures for advance notification to property owners whose access would be affected by trenching operations;
- i. Final detailed design and Amtrak approval for the Osborn Street pipe bridging structure and architectural wall;
- j. Final detailed design and Conrail approval for the Grand Avenue railroad underground crossing;
- k. Final detailed design and Metro-North approvals for the Water Street pipe bridge reinforcements;
- l. Copies of any plans developed with the City of New Haven which deviate from the application for any aspect of the proposed transmission line;
- m. Specifications for a cathodic protection system and manufacturer's applied corrosion resistant coating for the pipe;
- n. Specifications for a fail-safe monitoring system for the immediate isolation of pipe insulating, non-PCB containing, dielectric fluid, with design meeting requirements pursuant to section 22a-449(d) of the Connecticut General Statutes;

- o. A landscaping plan to stabilize the area west of the Osborn Street crossing through Department of Transportation property adjacent to the State Street on-ramp of I-91. The plan shall show the location and types of vegetation to be planted and include all areas that would be loamed, reseeded, or sodded;
- p. Final site plans of all substations, at a scale no less than one inch to 20 feet, including specifications for sumps with the capacity to contain 100 percent of any leaking insulating fluids, for new transformers and other oil-containing equipment requiring a sump. The plans shall include layouts and profiles of the new equipment buildings;
- q. Final design and specifications of the Goffe Street Substation's architectural wall; and
- r. A report regarding discussions with the City of New Haven's Planning Department and/or Office of Downtown and Harbor Development for the development of a potential public accessway through the Grand Avenue Substation paralleling the Mill River. The report shall include a copy of any Local Coastal Site Plan Review submitted to the City of New Haven.

4. Reports

The Certificate Holder shall provide the following reports to the Council and may consult with Council staff in the preparation thereof:

- a. A quarterly progress report starting with the commencement of construction;
- b. A first year operating report to be submitted to the Council within three months after the conclusion of the first year of operation, to include:
 - 1. Overall condition and reliability of each transmission line, and
 - 2. Specifications of outages longer than eight hours including, dates, causes, and length of outages;

- c. A noise monitoring report of the new Goffe Street Substation operating at day and night, under normal and emergency power ratings from each of the noise monitoring stations as stated in Application Exhibit D, Figure 5-3. Station 2 should be taken above the top of the proposed architectural wall. Such report shall be submitted as soon as possible following the substation's commercial startup date; and
- d. The final cost of the project.

5. Permits

When available, the Certificate Holder shall provide the Council with copies of all final permits, agreements, and approvals, including the conditions of right-of-way easements relating to the construction and operation of the facility.

The Council hereby directs that a copy of the Findings of Fact, Opinion, and the Decision and Order shall be served on each person listed below and that notice of the issuance shall be published in the New Haven Register.

By this Decision and Order, the Council disposes of the legal right, duties, and privileges of each party named or admitted to the proceeding in accordance with Section 16-50j-17 of the Regulations of State Agencies.


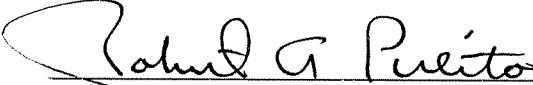
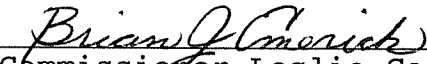
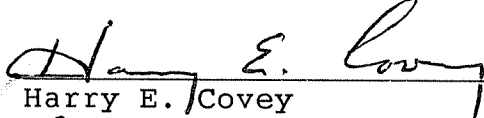
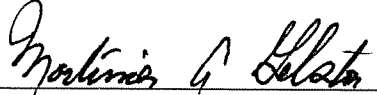
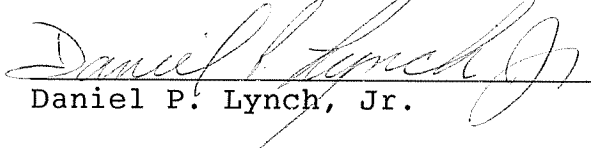
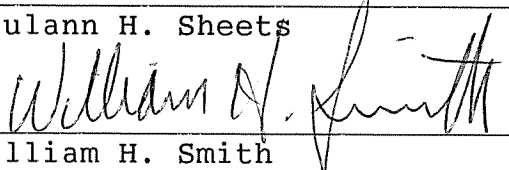
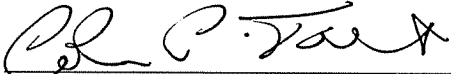
The parties to this proceeding are:

PARTY	ITS REPRESENTATIVES
The United Illuminating Company	Albert N. Henricksen Vice President - Engr. The United Illuminating Co. 80 Temple Street New Haven, CT 06506
	Linda L. Randell Elizabeth D. Krauss Wiggin & Dana 195 Church Street P. O. Box 1832 New Haven, CT 06508

CERTIFICATION

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case in Docket No. 115 or read the record thereof, and that we voted as follows:

Dated at New Britain, Connecticut the 5th day of February, 1990.

<u>Council Members</u>	<u>Vote Cast</u>
 _____ Gloria Dibble Pond Chairperson	Yes
 _____ Commissioner Peter Boucher Designee: Robert A. Pulito	Yes
 _____ Commissioner Leslie Carothers Designee: Brian Emerick	Yes
 _____ Harry E. Covey	Yes
 _____ Mortimer A. Gelston	Yes
 _____ Daniel P. Lynch, Jr.	Yes
_____ Paulann H. Sheets	Absent
 _____ William H. Smith	Yes
 _____ Colin C. Tait	Yes