

DOCKET NO 105 - An application of
The Connecticut Light and Power Company
for a Certificate of Environmental
Compatibility and Public Need for the
reconstruction of the Stevenson-Newton
and Newtown-Plumtree 115-kV transmission
lines through the Towns of Monroe, Newtown,
and Bethel, Connecticut.

: CONNECTICUT
: SITING
: COUNCIL
: August 30, 1989

DECISION AND ORDER

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council finds that the effects associated with the construction, maintenance, and operation of an 115-kV electric transmission line along a route from Stevenson Substation to Newtown Substation and Newtown Substation to Plumtree Substation through the Towns of Monroe, Newtown, and Bethel, 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 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 the Connecticut Light and Power Company (CL&P) represented by its agent, the Northeast Utilities Service Company (NU), for the proposed construction, operation, and maintenance of the proposed transmission line reconstruction.

1. Conditions

- a. The line 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 construction and operation of the facility shall be in accordance with all applicable federal and State regulations and standards.
- c. The electric fields from the new line shall not exceed 1.6-kV/m at the edges of the right-of-way (ROW).
- d. 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.
- e. The Certificate shall be void if all construction authorized herein is not completed by December 31, 1992, or three years after all appeals and legal actions have been concluded.

2. Notifications

The Certificate Holder shall provide to the Council notifications of the following two weeks in advance of their occurrence:

- (1) Commencement of construction;
- (2) Commencement of existing line removal; and
- (3) Energization of the transmission line.

3. Development and Management Plan

The Certificate Holder shall, prior to the commencement of the 115-kV line reconstruction, 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 1 inch to 200 feet scale plan showing the route, all access roads, structure placements, site clearing and grading, drainage relocations, culvert designs, and other improvements on the ROW. The final site plan shall, to the maximum extent possible, preserve wetland areas and the natural vegetative buffer adjoining the ROW. Structures and conductors shall be situated as far from residences as safety tolerances allow.
- b. A finalized erosion and sedimentation control plan identifying the placement, use, and removal of all control measures used during construction. Such plan shall comply with the State of Connecticut Guidelines for Soil Erosion and Sediment Control.
- c. A dust control monitoring plan including guidelines for identification of fugitive dust and mitigation measures for such fugitive dust.
- d. A blasting control plan including identification of blasting locations, procedures for explosive use, and provisions for notification to adjoining property owners of blasting sites and scheduling.

- e. A final schedule for each 115-kV circuit's construction, removal of the existing line, testing, and final energization.

4. Reports

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

- a. Quarterly progress reports, starting with commencement of construction for each 115-kV circuit and ending with final energization of each circuit.
- b. A first year operating report for each circuit 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 115-kV circuit;
 - (2) Specifications of outages longer than eight hours including dates, causes, and length of outages;
 - (3) A list of complaints received and corrective action taken in response to the operation of the new lines; and
 - (4) Measurements of electric and magnetic fields at the edge of the ROW under normal and emergency operating conditions.
- c. The final cost of the project.
- d. A report documenting and describing the instance(s) whenever the line achieves its goal of preventing an overload of the transmission system during overlapping outage events.

5. Permits

When available, the Certificate Holder shall provide the Council with copies of all final permits and agreements, including ROW acquisitions for new accessways.

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 Newtown Bee and the Danbury News-Times.

By this Decision and Order, the Council disposes of the legal rights, 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 REPRESENTATIVE
Conn. Light and Power Company	Hugh C. MacKenzie Vice President Transmission & Distribution Northeast Utilities Service Company P.O. Box 270 Hartford, CT 06141-0270
	Philip M. Small, Esq. Northeast Utilities Service Company P.O. Box 270 Hartford, CT 06141-0270
	Anthony Fitzgerald, Esq. Carmody & Torrance P.O. Box 1990 New Haven, CT 06509

PARTY

ITS REPRESENTATIVE

Kevin F. Braun, D.D.S.
Phyllis C. Braun, Ph.D.
56 Church Hill Road
Newtown, CT 06470

INTERVENOR

Mae S. Schmidle
Echo Valley Road
Newtown, CT 06470

INTERVENOR

ITS REPRESENTATIVE

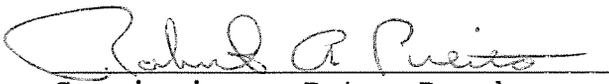
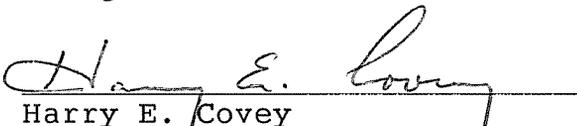
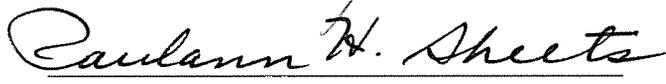
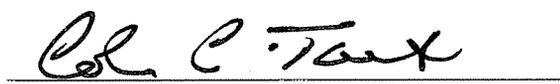
Town of Newtown

Roderick MacKenzie, Jr.
First Selectman
Town of Newtown
45 Main Street
Newtown, CT 06470

CERTIFICATION

The undersigned members of the Connecticut Siting Council hereby certify that they have heard this case in Docket No. 105 or read the record thereof, and that we voted as follows:

Dated at New Britain, Connecticut the 30th day of August, 1989.

<u>Council Members</u>	<u>Vote Cast</u>
<hr/> <p>Gloria Dibble Pond Chairperson</p>	ABSENT
<hr/> <p> Commissioner Peter Boucher Designee: Robert A. Pulito</p>	YES
<hr/> <p> Commissioner Leslie Carothers Designee: Brian Emerick</p>	YES
<hr/> <p> Harry E. Covey</p>	YES
<hr/> <p> Mortimer A. Gelston</p>	YES
<hr/> <p> Daniel P. Lynch, Jr.</p>	YES
<hr/> <p> Paulann H. Sheets</p>	NO
<hr/> <p>William H. Smith</p>	ABSENT
<hr/> <p> Colin C. Tait Acting Chairperson</p>	YES