



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

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### **CERTIFIED MAIL RETURN RECEIPT REQUESTED**

August 25, 2005

Ms. Anne Bartosewicz  
Project Director-Transmission Projects  
Connecticut Light and Power Company  
107 Selden Street  
Berlin Connecticut 06037

RE: **DOCKET NO. 272** - The Connecticut Light and Power Company and The United Illuminating Company 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 Bridgeport, Modifications at Scovill Rock Switching Station and Norwalk Substation and the Reconfiguration of Certain Interconnections. **Scovill Rock Switching Station - Development and Management Plan**

Dear Ms. Bartosewicz:

At a public meeting held on August 24, 2005, the Connecticut Siting Council (Council) considered and conditionally approved the Development and Management (D&M) Plan for the Scovill Rock Switching Station in the City of Middletown, Connecticut with the following conditions:

- That erosion and sediment controls conform with the 2002 Connecticut Erosion and Sediment Control Guidelines and be inspected weekly and after every major storm event with deficiencies corrected within 24 hours.
- CL&P notify the Council if a grounding system is needed and if so, provide such a plan for installing the grounding grid to the Council for review and approval prior to construction.
- No construction shall commence until an Environmental Inspector has been provided for Council approval.
- A monthly construction progress report including a weekly report by the Environmental Inspector.
- CL&P provide a two week notice prior to construction.

Docket No. 272  
D&M Decision  
August 25, 2005  
Ms. Bartosewicz

Any deviation from this plan may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Enclosed is a copy of the staff report on this D&M Plan, dated August 24, 2005.

Please feel free to call S. Derek Phelps, Executive Director, if you have any questions.

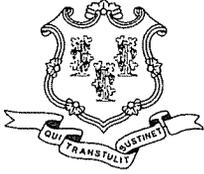
Sincerely,

  
Pamela B. Katz, P.E.  
Chairman

PBK/laf

Enclosures

c: Council Members  
Parties and Intervenors



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Docket No. 272

Connecticut Light & Power Company

Development and Management Plan

Scovill Rock Switching Station

Staff Report – August 24, 2005

On July 25, 2005, Connecticut Light Power Company (CL&P) submitted a Development and Management (D&M) Plan for the construction of the 345-kV switchgear and terminal structure within the existing Scovill Rock Switching Station in the Town of Middletown, Connecticut.

The City of Middletown was provided a draft of the D&M plan on July 6, 2005. Council staff received no comments on the proposed Scovill Rock Switching Station D&M plan.

CL&P proposes to install four 345-kV circuit breakers, nine 345-kV isolating disconnect switches associated equipment, bus supports, one termination structure (90 feet in height) and foundations within an existing fenced compound. The proposed equipment would not be taller than existing substation equipment and primarily situated in the north and west section of the compound. No site expansion, clearing, or grade change is proposed. In foundation locations existing trap rock would be removed prior to excavation. Spoil from excavating for foundations would be removed from site and/or used for backfill, as appropriate. Areas disturbed by construction would be restored.

CL&P is proposing two additional circuit breakers and five more disconnect switches than was proposed in the application process. This is to remedy a deficiency in a failure contingency of the Scovill Rock-Manchester 353 line and Scovill-Haddam Neck 376 line. Recent system studies focused on the movement of power from east to west in Connecticut and the loss of the 353 and 376 lines would compromise the grid; therefore, the additional circuit breakers and switches alleviates this failed contingency event.

Access to the switching station is via an approximate 500-foot paved drive off Freeman Road. All proposed work is within the existing fenced compound. CL&P proposes to install erosion and sediment controls at a perforated drain on the south slope and erosion and sediment controls within the east perimeter fence line as a measure to protect adjacent resources.

CL&P is analyzing if the existing grounding system of the switch station needs to be modified. If needed, CL&P would excavate areas to expand the existing ground grid and place additional crushed stone if necessary. Council staff recommends CL&P notify the Council if a grounding system is needed and if so, provide such a plan for installing the grounding grid to the Council prior to construction.

No sensitive areas, such as watercourses, inland wetlands, areas of high erosion potential or federal/state protected species would be affected by construction.

An office trailer and equipment materials would be staged within the fenced compound. Parking for workers would be along the access road or inside the fenced compound.



Council staff recommends that no construction shall commence until an Environmental Inspector has been provided for Council approval, as per Order 20 of the Council's April 7, 2005 Decision and Order and that the Environmental Inspector provide a weekly inspection report.

A Project Schedule for the construction of the Scovill Rock Switching Station has been provided and CL&P expects four months to complete site work, beginning March 2007 and completion by June 2007. CL&P proposes a monthly construction progress reports and Council staff concurs with this reporting schedule.

CL&P and United Illuminating intend to file a single electric and magnetic field monitoring plan at a future date.

Council staff recommends approval of the D&M Plan for the Scovill Rock Switching Station as proposed subject to the following conditions:

- That erosion and sediment controls conform with the 2002 Connecticut Erosion and Sediment Control Guidelines and be inspected weekly and after every major storm event with deficiencies corrected within 24 hours.
- CL&P notify the Council if a grounding system is needed and if so, provide such a plan for installing the grounding grid to the Council for review and approval prior to construction.
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### NOTICE OF SERVICE

I hereby affirm that a photocopy of this document was sent to each Party and Intervenor on the service list dated July 15, 2005.

Dated: August 26, 2005

A handwritten signature in black ink, appearing to read "Lisa Fontaine", written over a horizontal line.

Lisa Fontaine  
Custodian of Docket No. 272