



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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

E-Mail: siting.council@ct.gov

www.ct.gov/csc

August 6, 2012

Robert E. Carberry, Project Manager
NEEWS Siting and Permitting
Northeast Utilities Service Company
P.O. Box 270
Hartford, CT 06141-0270

RE: **DOCKET NO. 370** - The Connecticut Light and Power Company Certificate of Environmental Compatibility and Public Need for the Connecticut portion of the Greater Springfield Reliability Project that traverses the municipalities of Bloomfield, East Granby and Suffield, Connecticut. **Request to temporarily change hours of construction at North Bloomfield Substation.**

Dear Mr. Carberry:

In response to your email of August 3, 2012, requesting approval to work for 24 hours per day on weekdays beginning on Monday, August 20, 2012 and ending no later than Friday, August 24, 2012 at North Bloomfield Substation, please be advised that by this writing Connecticut Siting Council (Council) staff hereby approves the proposed temporary extension of work hours. CL&P has asserted that this continuous work is necessary to allow for the vacuum filling of one autotransformer that needs to be replaced due to a defect in the equipment previously installed. The process cannot be interrupted once it begins. This approval is contingent upon a response of no objection from the Town of Bloomfield.

Any changes to the D&M Plan require advance Council notification and approval. Please be advised that deviations from this plan are enforceable under the provisions of the Connecticut General Statutes § 16-50u.

Thank you for your attention and cooperation.

Very truly yours,

Linda Roberts
Executive Director

LR/CMW

c: Parties and Intervenors

From: robert.carberry@nu.com [mailto:robert.carberry@nu.com]
Sent: Friday, August 03, 2012 12:21 PM
To: Walsh, Christina; Roberts, Linda
Cc: Bachman, Melanie
Subject: Docket 370, Extended Work Hours at North Bloomfield Substation

Christina and Linda:

CL&P hereby requests Council staff approval of a D&M Plan Change, or an acknowledgement that prior approval is not needed pursuant to Appendix D of the North Bloomfield Substation D&M Plan, for extended work hours beginning on Monday, August 20, 2012, as described below.

Section 6.0 of the North Bloomfield Substation D&M Plan includes the following statement:

"Construction activities are expected to occur six days a week for 10 hours a day, between 7:00 a.m. to 9:00 p.m.. During some construction activities, work outside this window may be necessary."

CL&P seeks Council staff approval to work 24 hours per day on weekdays, beginning on Monday, August 20, 2012 and ending not later than Friday, August 24, 2012, on a specific task. The specific task requiring multi-day continuous monitoring is the vacuum filling of one single-phase 345/115-kV autotransformer with insulating oil. This transformer was previously vacuum filled in June 2012, but during recent testing a problem was discovered with a current transformer, an internal component. Replacing the current transformer requires that a bushing and the insulating oil be removed from the autotransformer. This replacement will be made during the week ending August 18, 2012 within the approved work hours. Upon completion of the replacement, however, the multi-day continuous process of vacuum filling the autotransformer with insulating oil must be repeated.

On each day the autotransformer manufacturer will have a 2-man crew working an overnight shift. The filling of the autotransformer will take several days, and once started, must not be interrupted. Special equipment on site for this operation includes a 40-foot-long oil tanker and a 40-foot-long oil-processing vehicle with an enclosed power generator. This equipment will be staged along the east-most fire wall. The east-most fire wall is over 400 feet from residences to the west, and the four tall fire walls will help to attenuate generator-sound propagation to the west of the substation. The autotransformer to be refilled is the one furthest from the west property line.

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