From: robert.carberry@nu.com [mailto:robert.carberry@nu.com]
Sent: Thursday, October 18, 2012 12:40 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 on October 29, 30 and 31, 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 up to 14 hours per day, between 7:00 a.m. and 9:00 p.m. on the weekdays of October 29, 30, and 31 2012, to modify the existing ac station service power equipment within the existing control house. CL&P's contractor expects to complete the work on October 31, 2012, perhaps during normal work hours. The modifications will extend ac station service power supply to the new control house in the 345-kV switchyard, and the work outside of normal working hours will occur largely within the existing control house, so well north of the switchyard expansion area.

To accomplish this work without interrupting ac power supply to critical loads in the existing control house, e.g., power to the battery charger, an emergency generator will be located next to this control house and operated 24 hours per day to temporarily supply critical loads. This is a CONVEX requirement. It will operate overnight on October 29 and 30. The generator will be significantly smaller than the one used previously for vacuum filling the new autotransformers and will have noise silencing. An overnight watch will be maintained on this generator, and a back-up generator will be available on stand-by should the first generator experience a problem.