



**Northeast
Utilities**

56 Prospect Street, Hartford, CT 06103
Northeast Utilities Service Company
P.O. Box 270
Hartford, CT 06141-0270
(860) 728-4532

John R. Morissette
Project Manager – Transmission Siting

June 26, 2014

Robert Stein, Chairman
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

RE: The Connecticut Light and Power Company's Notice of Exempt Modification Pursuant to RCSA § 16-50j-57(a) to Existing Energy Facility Site on Hamilton Ave. in the City of Stamford, Connecticut ("Notice of Exempt Modification")

Dear Chairman Stein:

Northeast Utilities Service Company ("NUSCo") as agent for its corporate affiliate, The Connecticut Light and Power Company ("CL&P"), hereby gives notice to the Connecticut Siting Council ("Council") of its intent to undertake an exempt modification in accordance with Section 16-50j-57(a) of the Regulations of Connecticut State Agencies ("RCSA"). CL&P is proposing the modifications to CL&P's Glenbrook Substation that are described herein.

Proposed Modifications

The proposed modifications would be made within the existing fenced area at CL&P's Glenbrook Substation ("Substation"), located on CL&P property on Hamilton Ave. in Stamford, Connecticut. The Substation is a 115-/13.2-kV facility with three (3) 115-/13.2-kV transformers, ten (10) 115-kV transmission circuits, eighteen (18) 13.2-kV circuits, eight (8) 115-kV capacitor banks and two 115-kV connected static synchronous compensator systems.

CL&P proposes to relocate one 115-kV disconnect switch along with its steel structure and replace and relocate a 115-/13.2-kV power transformer with a new 60-MVA unit. The proposed modifications include:

- a) Relocation of one (1) 115-kV disconnect switch along with its associated steel structure 40 feet west on a new foundation from the original location.
- b) Removal of one (1) 115-/13.2-kV, 41-MVA power transformer.
- c) Installation of one (1) new 115-/13.2-kV, 60-MVA power transformer including a foundation pad and oil containment sump. This replacement transformer will be located 40 feet west from the location of transformer to be removed.
- d) Modification of conduits for the new equipment.

- e) Modification of existing transmission and distribution protection schemes to incorporate the new equipment.

The proposed modifications would not have a substantial adverse environmental effect or cause a significant adverse change or alteration in the physical or environmental characteristics of the Substation because:

- All modifications would be made within the Substation's existing fenced area and would not impair the structural integrity of the facility.
- All new equipment would be shorter than the tallest existing structure within the Substation and would not cause any significant adverse change in the physical or environmental characteristics of the Substation.
- The work would not affect wetlands or waterways. The Substation is not in a flood zone.
- CL&P's review of the Department of Energy and Environmental Protection's Natural Diversity Data Base identified no state-listed endangered, threatened, or special concern species in the vicinity of the Substation.
- There would be no television or radio interference.
- Sound-pressure levels at all points along the property line would continue to meet state regulations.
- Electric and magnetic field levels at the Substation boundary would not change as a result of the modifications.

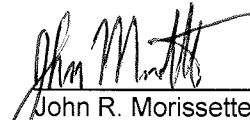
CL&P proposes to begin construction during fall 2014 and expects that the construction would be completed by June 2015.

Enclosed with this original are two (2) copies of this Notice of Exempt Modification along with a filing fee of \$625.00.

A written notice has been provided to the Mayor of Stamford.

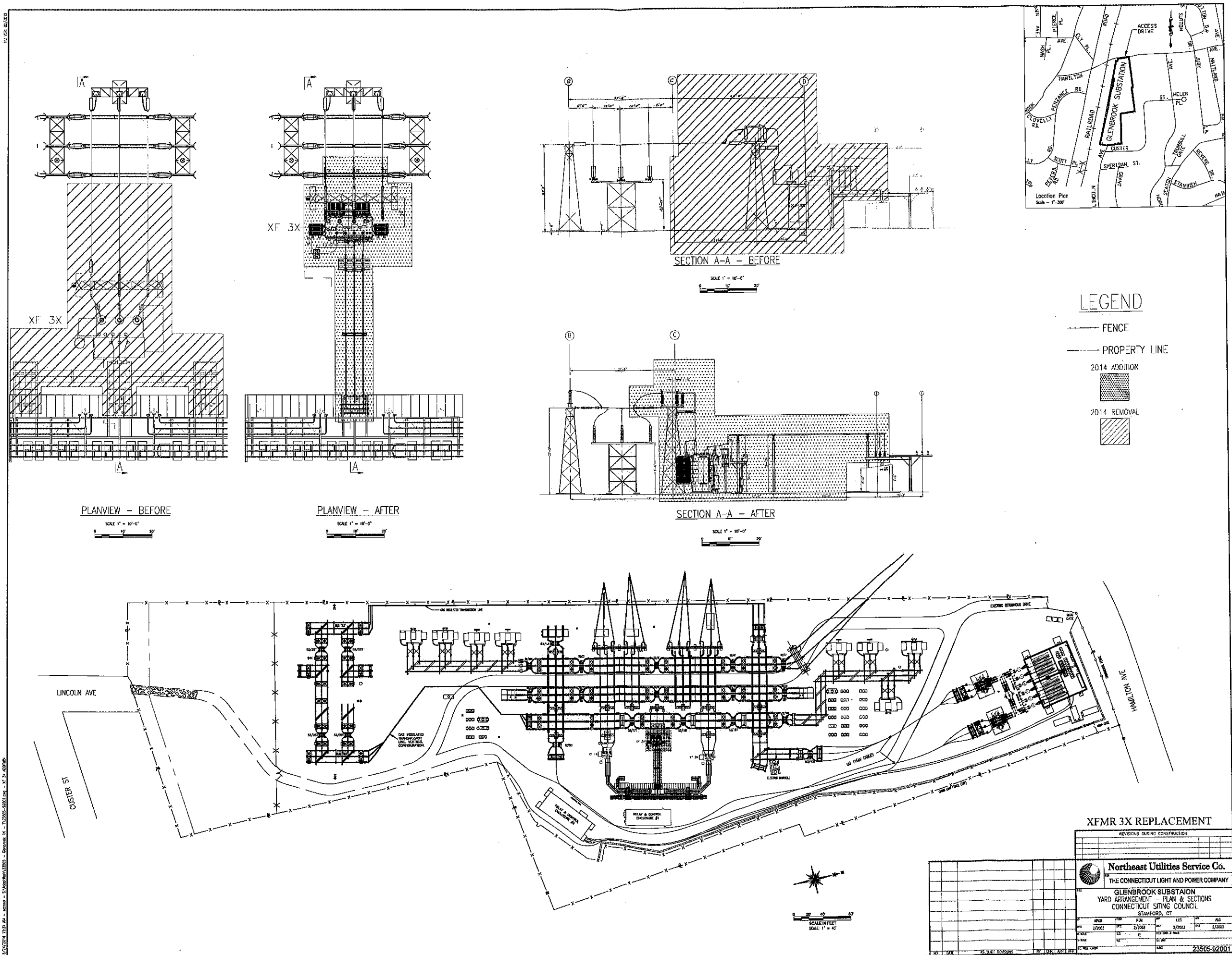
Communications regarding this Notice of Exempt Modification should be directed to John Morissette at (860) 728-4532.

By:



John R. Morissette.

Project Manager – Transmission Siting



XFMR 3X REPLACEMENT

REVISIONS DURING CONSTRUCTION									
NO.	DATE	BY	CHKD	APP'D	REASON	NO.	DATE	BY	CHKD
1	2/20/03	WTC	2/20/03	WTC	2/20/03	2	2/20/03	WTC	2/20/03
2	2/20/03	WTC	2/20/03	WTC	2/20/03	3	2/20/03	WTC	2/20/03
3	2/20/03	WTC	2/20/03	WTC	2/20/03	4	2/20/03	WTC	2/20/03
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99	2/20/03	WTC	2/20/03	WTC	2/20/03	100	2/20/03	WTC	2/20/03

Northeast Utilities Service Co.
THE CONNECTICUT LIGHT AND POWER COMPANY

GLENBROOK SUBSTATION
YARD ARRANGEMENT - PLAN & SECTIONS
CONNECTICUT SITING COUNCIL
STAMFORD, CT

DATE	2/20/03	BY	WTC	CHKD	WTC	APP'D	WTC
SCALE	1" = 40'	DATE	2/20/03	BY	WTC	CHKD	WTC
SCALE	1" = 40'	DATE	2/20/03	BY	WTC	CHKD	WTC
SCALE	1" = 40'	DATE	2/20/03	BY	WTC	CHKD	WTC