



Northeast
Utilities System

107 Selden Street, Berlin, CT 06037

Northeast Utilities Service Company
P.O. Box 270
Hartford, CT 06141-0270
(860) 665-5000

Robert E. Carberry
Manager - Transmission Siting and
Permitting

Petition No. 819

June 20, 2007

Daniel F. Caruso
Chairman, Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

RECEIVED
JUN 21 2007
CONNECTICUT
SITING COUNCIL

Dear Judge Caruso:

Attached are an original and twenty five (25) copies of a Petition on behalf of The Connecticut Light and Power Company (CL&P) requesting a determination that no Certificate of Environmental Compatibility and Public Need is required for proposed modifications to an existing CL&P substation in the Town of Weston. Also attached is a check for the filing fee in the amount of \$500.

The First Selectman of the Town of Weston has been informed of the Petition.

Sincerely,

JWB
Attachments

cc: Woody Bliss, First Selectman
Weston Town Hall
PO Box 1007
56 Norfield Road
Weston, CT 06883

Laurence Roberts
19 Old Weston Road
Weston, CT 06883

RECEIVED
JUN 21 2007
CONNECTICUT
SITING COUNCIL

THE CONNECTICUT LIGHT AND POWER COMPANY

PETITION TO THE CONNECTICUT SITING COUNCIL FOR A DECLARATORY RULING OF NO SUBSTANTIAL ADVERSE ENVIRONMENTAL EFFECT FOR THE INSTALLATION OF A MOBILE POWER TRANSFORMER AND ASSOCIATED EQUIPMENT IN AN EXISTING SUBSTATION IN THE TOWN OF WESTON, CT

1. Northeast Utilities Service Company (NUSCo) as agent for its corporate affiliate, The Connecticut Light and Power Company (CL&P), hereby petitions the Connecticut Siting Council for a determination that no Certificate of Environmental Compatibility and Public Need is required pursuant to Sections 16-50g et seq. of the General Statutes of Connecticut for the installation of a mobile power transformer and associated equipment in the Weston Substation described herein. NUSCo submits that no such Certificate is required because the proposed installation is temporary in nature. In addition, NUSCo submits that even if the project were deemed a "modification" it will not have a substantial adverse environmental effect.
2. The proposed work will take place within the existing fenced area at CL&P's Weston Substation located off Weston Road (Route 57) in the Town of Weston. This substation is fed from two 115-kV transmission circuits and serves local distribution feeders. The 115-kV facilities at the substation include connecting devices for a mobile power transformer. The proposed work, which consists mainly of the temporary installation of a mobile power transformer, is needed to reliably meet existing loads and maintain distribution reliability while the new Wilton Substation is being constructed. The mobile power transformer has already been driven to Weston Substation to provide a contingency backup source in case of an emergency. The mobile power transformer has not yet been energized, and will not be energized and connected to load pending Connecticut Siting Council review and approval, unless an emergency occurs. This Petition requests approval to install the mobile power transformer and carry load as necessary until the Wilton Substation is complete and carrying sufficient load such that the mobile power transformer is no longer needed at Weston Substation. It is anticipated that the mobile power transformer will not be needed during winter months when the load is reduced, and may therefore be removed.
3. The existing substation arrangement and the proposed modifications are shown on attached Drawing No. 25701-92001 – General Arrangement – Plan & Sections - CSC. The proposed construction includes:
 - a) Installation of one 30-MVA, 115- to 27.6-kV mobile power transformer.
 - b) Wood-pole structures to accommodate the connection of the mobile transformer to a 27.6-kV feeder line located outside the substation fence.

4. This modification will have little visual impact because the new structures and equipment are similar in appearance to those existing within the substation, and the substation is well screened in all directions. All structures will be installed in the lower tier of a two-tier substation and will be shorter than the tallest existing structure in the substation.

There will be no television or radio interference from this proposed modification.

Because of the nature of the mobile transformer and the topography of the Weston Substation site, it is difficult to accurately predict the change in sound-pressure levels resulting from this installation. Therefore, CL&P plans to make sound-level measurements before and after the mobile power transformer is energized to see what effect the transformer has. Should any noise complaints arise, CL&P will work to satisfy those neighbors that are inconvenienced by the temporary addition of the mobile transformer.

5. Construction is anticipated to be completed during July, 2007.
6. Section 16-50k (a) of the Connecticut General Statutes indicates that a Certificate of Environmental Compatibility and Public Need is not needed for a proposed modification of a facility that the Council determines does not have a "substantial adverse environmental effect." The environmental effect of the proposed modifications to the substation has been evaluated, and it is submitted that the modification will not result in a substantial adverse effect on the environment or ecology, nor will it damage existing scenic, historical or recreational values. Accordingly, we request that the Council issue a declaratory ruling that the proposed modification will have no such substantial adverse environmental effect and, therefore, no Certificate is required.
7. Communications regarding this Petition for a Declaratory Ruling should be directed to:

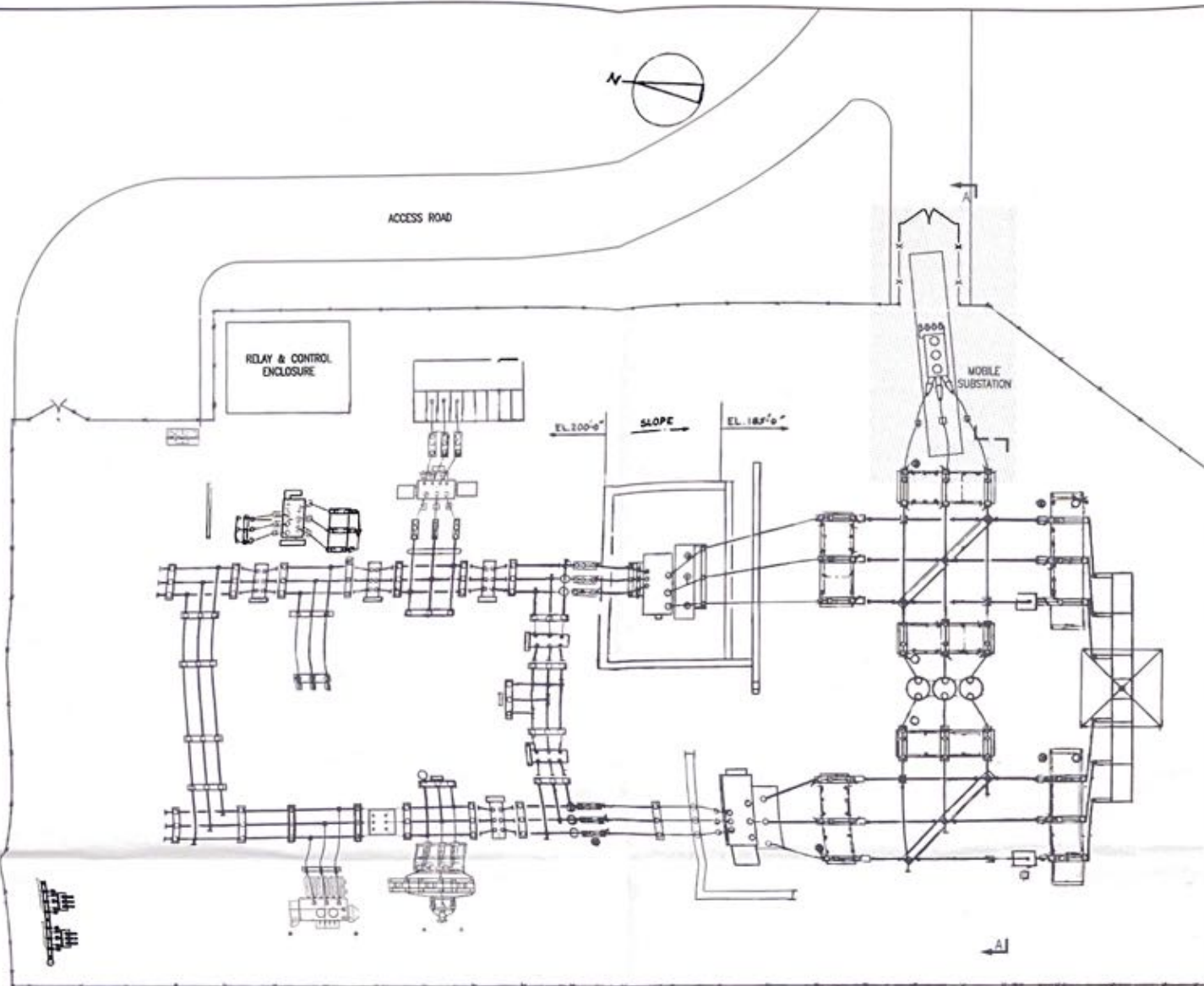
Mr. Robert E. Carberry
Manager, Transmission Siting and Permitting
Northeast Utilities Service Company
P.O. Box 270
Hartford, CT 06141
Telephone: (860) 665-6774

By: 

Robert E. Carberry
Manager – Transmission Siting and Permitting

Attachments:

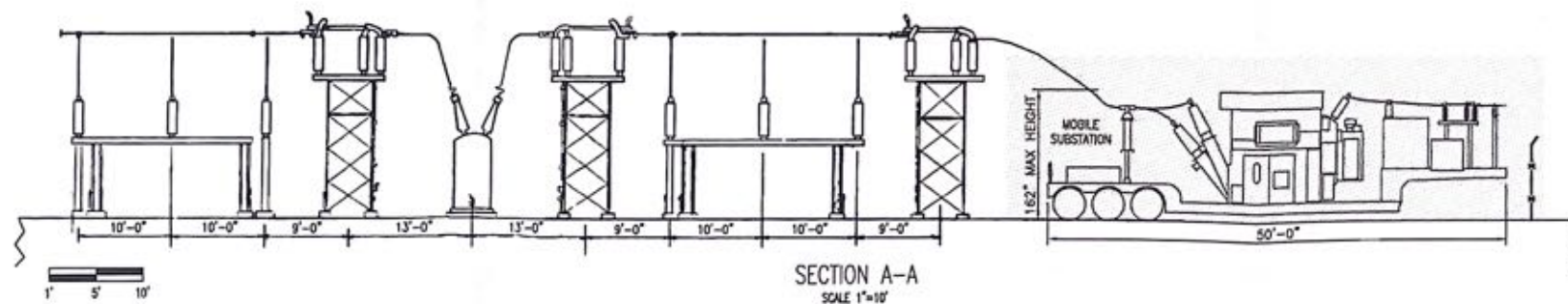
- Drawing No. 25701-92001 – General Arrangement – Plan & Sections – CSC



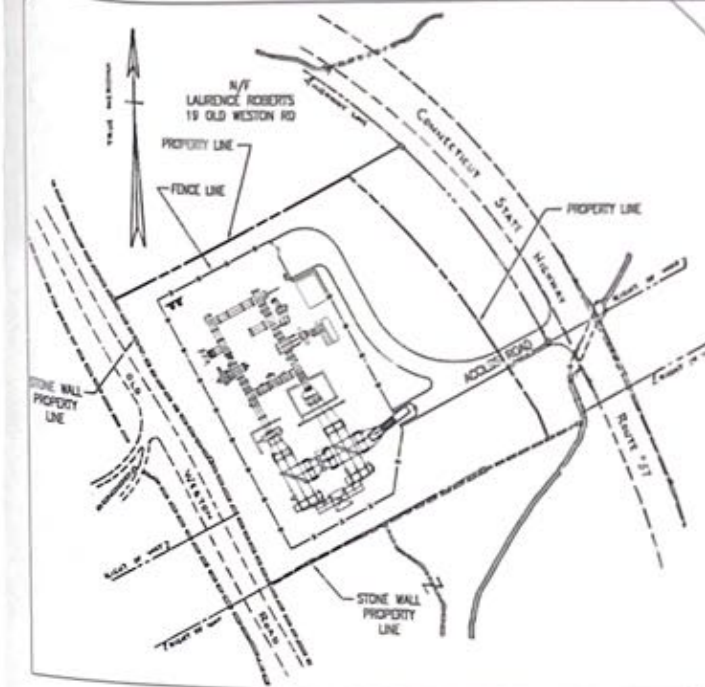
YARD PLAN
SCALE 1"=20'



1' 10' 20'




2007 ADDITIONS



LOCATION PLAN
SCALE 1"=100'



REVISES DURING CONSTRUCTION							
T	6/07	INSTL MOBILE XFER WD 201215				DAK	JWB
		Northeast Utilities Service Co. FOR CONNECTICUT LIGHT & POWER COMPANY					
TITLE		WESTON 21M					
GENERAL ARRANGEMENT PLAN & SECTIONS - CSC							
		WESTON, CONNECTICUT					
BY	DAK	CHKD	PLW	APP	PLW	APP	JWB
DATE	3/07	DATE	3/07	DATE	3/07	DATE	3/07
SCALE AS NOTED		SIZE D		DWG. NO.			
PP	FRON	V.S.				25701-92001	