Connecticut
Light & Power
The Northeast Utilities System

56 Prospect Street, Hartford, CT 06103

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

February 19, 2014

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

RE: Docket No. 424: Interstate Reliability Project
Submission of Information Pursuant to Conditions of the Connecticut Siting Council's November 4, 2013 Approval of the *Development and Management ("D&M") Plan for Construction of New 345-kV Transmission Lines and Related Minor Modifications to Adjacent Lines*:
(a) U.S. Army Corps of Engineers Clean Water Act Section 404 Permit
(b) Mitigation Strategies for Sites Considered to be Eligible for National and State Registers of Historic Places; and
(c) Updated Volume 3 D&M Plan Maps to Reflect (a) and (b) and Other Modifications

Dear Chairman Stein:

Pursuant to Conditions 2, 5, and 7 of the Connecticut Siting Council's ("Council's") November 4, 2013 approval of the *Development and Management ("D&M") Plan for the Interstate Reliability Project ("Interstate") for the Construction of New 345-kV Transmission Lines and Related Minor Modifications to Adjacent Lines*, The Connecticut Light and Power Company ("CL&P") hereby transmits the following:

(a) **Clean Water Act Section 404 Permit**. Attachment A includes a copy of the U.S. Army Corps of Engineers ("USACE") Clean Water Act Section 404 Permit for the Project (issued February 12, 2014). The Section 404 Permit incorporates modifications to the Project plans to avoid or minimize adverse impacts to both water resources and cultural resources. These modifications are reflected on the USACE Section 404 maps incorporated by reference (dated November 2013) in the Permit. The Connecticut Department of Energy and Environmental Protection ("CT DEEP") approved the same modifications for water and cultural resource impact avoidance and minimization in its January 14, 2014 approval of the Project's Technical Plan Revisions, submitted by CL&P to CT DEEP on December 19, 2013 (The CT DEEP's approval letter is included as Attachment 1 to CL&P's January Monthly Construction Report to the Council, dated February 6, 2014, and is reproduced here as Attachment B).

(b) **Mitigation Strategies for Sites Potentially Eligible for Listing on the National and State Registers of Historic Places ("NRHP / SRHP").** For the new 345-kV transmission line and related line modification construction[1], CL&P prepared an Historic Resources Management Plan ("HRMP"), which includes detailed avoidance, mitigation, and protection strategies for subsurface archaeological sites potentially eligible for the NRHP / SRHP, as well as stone features and ceremonial stone landscapes of interest to Native American Tribes that participated in the National Historic Preservation Act (NHRP), Section 106 consultation process. The HRMP (issued January 2014) was provided to Dr. Nicholas Bellantoni, the Connecticut State Archaeologist (acting on behalf of the State Historic Preservation Office). SHPO has offered its concurrence with the HRMP.

[1] The HRMP applies only to portions of the transmission line construction where cultural resources were identified. Because all of the planned Project substation and switching station modifications will occur within areas previously affected by other construction activities, no cultural resources were identified.

Due to the sensitive nature of the cultural resources described, and the potential risks associated with public awareness of these sites, Dr. Bellantoni recommended that the HRMP not be provided for public dissemination and thus it is not included in this submission.

Should the Council (or staff) have questions or further requests regarding the NRHP / SRHP mitigation strategies, Dr. Bellantoni is available for consultation.

The provisions of the HRMP will be implemented during Project construction.

(c) **Updated D&M Plan Volume 3 Maps, dated February 2014.** Volume 3 of the D&M Plan (maps and detail sheets), originally dated August 3, 2013, has been updated to reflect the water resource and cultural resource avoidance and minimization measures approved by the USACE and CT DEEP as described above (Attachment C, D&M Plan Map Sheets, bound separately). The map changes that have been incorporated for consistency with the USACE and CT DEEP approvals reflect the following:

i. **Modifications to Avoid or Minimize Impacts to Water Resources**. Construction work pad dimensions and access roads have been modified to minimize impacts to wetlands and water resources where practical. As noted in the CT DEEP's January 14, 2014 letter approving the Technical Plan Revisions (refer to Attachment B), these changes have resulted in a substantial reduction in temporary wetland impacts and only small increases in secondary (forested wetland) impacts and permanent wetland impacts.

ii. **Modifications to Avoid or Protect Cultural Resources**. The dimensions of certain work pads have been changed to avoid direct impacts to cultural resource sites, including stone walls and stone features. Some access roads also have been shifted or otherwise modified to avoid or minimize impacts to cultural resource sites.

iii. **Modifications to access roads**. Based on the results of further landowner discussions or as an outcome of additional constructability investigations, certain off-right-of-way (ROW) access roads have been eliminated from the Project design or modified slightly (on the same landowner's property). Consequently, some in-ROW access roads previously identified as alternative access roads have now been determined to be preferred.

iv. **Minor New Access Road on CL&P Property**. On CL&P property south of the Hartford Turnpike / Killingly Road (State Route 101) in the Town of Pomfret, CL&P proposes to construct a new access road within an upland area directly north of the work pad for Structure 238 (refer to D&M Plan Mapsheet 47). The development of this access road will improve access to the ROW south of Route 101 (including Structure 237) for construction equipment and vehicles. This road will also facilitate the guy wire / grounding wire modifications to existing 345-kV Structure 9237 (adjacent to Structure 238) that are required.

v. **Increase in Dimensions of Two Work Pads for Strain Structures.** The dimensions of work pads at the following two structures were increased: Structure 3, located in the Town of Lebanon on CL&P property, Mapsheet 1 and Structure 136 located in the Town of Hampton, Mapsheet 26 (requires additional temporary impact to wetland W20-100 and a stream S20-34). Both of these structures are now designed as strain structures. To safely install this type of structure construction activities must occur on both sides of the structure, so the dimensions of each work pad were increased accordingly. The modifications to these work pads were approved by both the CT DEEP (per the Technical Plan Revision approval dated January 14, 2014) and the USACE (per the Clean Water Act Section 404 Permit).

The updated Volume 3 also incorporates the following:

- Minor D&M Plan changes provided previously to the Council (as part of monthly construction monitoring reports), including off-ROW access roads and related changes, a structure shift in the Town of Brooklyn, editorial corrections, an erosion and sedimentation control note, work pad modifications to guy wire and shield wire relocation, and the removal of Stream Channel Encroachment Lines (SCEL) along the Willimantic River (due to the CT DEEP's elimination of the SCEL program effective October 2013).

- A new note on Detail Sheet 3 and a typical drawing on Detail Sheet 7 to address Condition 1 of the Council's November 4, 2013 D&M Plan approval (use of syncopated silt fence around vernal pools).

- Addition of a note on mapsheets where significant cultural resources, as identified in the HRMP, are located. The note states: "Special avoidance and protection measures are required for areas within mapsheet. Consult HRMP." This note requires Project personnel to consult the HRMP for site-specific cultural resource avoidance and protection measures, without publicly revealing the locations of the cultural resource sites. In addition, a note regarding an historic feature of concern to a landowner (but not encompassed by the HRMP) has been added to Mapsheet 23, as follows: "Historic feature present – consult the cultural resource monitor."

In addition, the updated Volume 3 maps illustrate a proposed contractor staging area (consisting of several small staging sites) located east of State Route 169 in the Town of Brooklyn (Mapsheet 38). These proposed staging sites were approved by both the USACE and the CT DEEP. CL&P will submit, under separate cover, a D&M Plan Change request for the use of these staging areas.

Enclosed please find an original and 15 copies of this submission. In addition, CL&P is providing two D-size copies of the updated Volume 3, as well as 15 copies of 11" x 17' versions of the Volume.

Should you or other Council members have any questions regarding this submission, please do not hesitate to contact me via e-mail at john.morissette@nu.com or telephone at (860) 728-4532.

Sincerely,

John R. Morissette
Project Manager – Transmission Siting

Encl

cc: w/o Attachment C, D&M Plan Map Sheets
Service List
The Honorable Joyce Okunuk, First Selectman, Lebanon Town Hall
The Honorable Carmen L. Vance, First Selectman, Columbia Town Hall
Jonathan Luiz, Town Administrator, Columbia Town Hall
John Elsesser, Town Manager, Coventry Town Hall
The Honorable Jeff Shorts, Council Chairman, Coventry Town Hall
The Honorable Elizabeth C. Paterson, Mayor, Town of Mansfield
Matthew W. Hart, Town Manager, Town of Mansfield
The Honorable William Rose, First Selectman, Chaplin Town Hall
The Honorable Allan Cahill, First Selectman, Hampton Town Hall
The Honorable Rick Ives, First Selectman, Brooklyn Town Hall
Maureen Nicholson, First Selectman, Town of Pomfret
The Honorable John Hallbergh, Council Chairman, Killingly Town Hall
The Honorable Tony Falzarano, Mayor, Putnam Town Hall
Paul A. Lenky, First Selectman, Town of Thompson
The Honorable Ernest Eldridge, Mayor, Town of Windham
Neel Beets, Town Manager, Windham Town Hall
Bruce E. Benway, Town Manager, Town of Killingly

ATTACHMENT A

U.S. ARMY CORPS OF ENGINEERS
CLEAN WATER ACT, SECTION 404 PERMIT

DEPARTMENT OF THE ARMY
US ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT
696 VIRGINIA ROAD
CONCORD MA 01742-2751

February 11, 2014

Regulatory Division
CENAE-R-PEB
Permit Number: **NAE-2008-1671**

Attn: Jeffrey R. Martin, PMP
Northeast Utilities
Transmission Business Operations
56 Prospect Street
Hartford, CT 06141

Attn: David J. Beron, PE, PMP
National Grid
40 Sylvan Road
Waltham, MA 02451

Dear Mr. Martin and Mr. Beron:

Attached are two copies of a Department of the Army permit authorizing your project. **Please sign both copies of the permit and return one signed copy to this office at the address above.** A fee of $100.00 is required. Please enclose a check made payable to "FAO New England District", and return it with the signed permit copy. Please ensure your address and social security number, or tax identification number for businesses, are on the check. The authorized work cannot start until we receive a complete, signed copy of the permit.

You are required to complete and return the attached forms to this office:

1. Preliminary Jurisdictional Determination Form to be submitted along with your signed copy of the permit.
2. Work Start Notification Form at least two weeks before the anticipated work start date.
3. Compliance Certification Form within one month following the completion of the authorized work.
4. Mitigation Work Start Notification Form since your project involves mitigation.

This permit is a limited authorization containing a specific set of conditions. Please read the permit thoroughly to familiarize yourself with those conditions, **including any conditions contained on the attached state water quality certification.** If a contractor does the work for you, both you and the contractor are responsible for ensuring that the work is done in compliance with the permit's terms and conditions, as any violations could result in civil or criminal penalties.

Our verification of this project's wetland delineation under the Corps of Engineers Wetlands Delineation Manual, and its applicable supplement, is valid for a period of five years

from the date of this letter unless new information warrants revision of the determination before the expiration date.

A combined Notification of Administrative Appeal Options and Process (NAP) and Request for Appeal (RFA) form, and flow chart explaining the appeals process and your options, are attached to this letter. If you desire to appeal this proffered permit, you must submit a completed RFA form along with any supporting or clarifying information to Michael G. Vissichelli; Administrative Appeals Review Officer; North Atlantic Division, Corps of Engineers; North Atlantic Fort Hamilton Military Community, Bldg. 301; General Lee Avenue; Brooklyn, NY 11252-6700. Contact info: (347) 370-4663 or michael.g.vissichelli@usace.army.mil

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete, that it meets the criteria for appeal under 33 CFR 331.5, and that it has been received by the Division Office within 60 days of the date of the NAP.

You may not appeal conditions contained in the State water quality certification or the CZM consistency determination under this program as they are automatically included in the Federal permit. Also note that the Department of the Army permit process does not supersede any other agency's jurisdiction.

We continually strive to improve our customer service. In order for us to better serve you, we would appreciate your completing our Customer Service Survey located at http://corpsmapu.usace.army.mil/cm_apex/f?p=regulatory_survey.

If you have any questions regarding this correspondence, please contact Susan Lee at (978) 318-8494, (800) 343-4789, or (800) 363-4367 (within Massachusetts).

Sincerely,

JLMcCarthy

Jennifer L. McCarthy
Chief, Regulatory Division

Attachments

DEPARTMENT OF THE ARMY PERMIT

Permittee The Connecticut Light and Power Company (CL&P), 107 Selden Street, Berlin, Connecticut 06037; The Narragansett Electric Company d/b/a National Grid (TNEC) and the New England Power Company d/b/a National Grid (NEP), 40 Sylvan Road, Waltham, Massachusetts 02451

Permit No. NAE-2008-1671

Issuing Office New England District

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description:

- To place fill in approximately 72.2 acres (2.4 acres permanent, 69.8 acres temporary) of wetlands/waters in association with construction of the Interstate Reliability Project (IRP or Project). The Project extends approximately 75 miles from Lebanon, CT to Millbury, MA.

(Project Description cont'd on page 4)

Project Location:

In CT: Lebanon, Columbia, Coventry, Mansfield, Chaplin, Hampton, Brooklyn, Pomfret, Killingly, Putnam, Thompson; In RI: Burrillville, North Smithfield; In MA: Millville, Uxbridge, Sutton, Northbridge and Millbury

Permit Conditions:

General Conditions:

1. The time limit for completing the work authorized ends on December 31, 2019. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.

2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.

5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.

6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions:

1. The permittee shall ensure that a copy of this permit are at the work site (and the project office) authorized by this permit whenever work is being performed, and that all personnel with operation control of the site ensure that all appropriate personnel performing work are fully aware of its terms and conditions. The entire permit shall be made a part of any and all contracts and sub-contracts for work that affects areas of Corps jurisdiction at the site of the work authorized by this permit. This shall be achieved by including the entire permit in the specifications for work. The term "entire permit" means this permit (including its drawings, plans, appendices and other attachments) and also includes permit modifications.

(Special conditions continued on Page 9)

Further Information:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

( ) Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).

(X) Section 404 of the Clean Water Act (33 U.S.C. 1344).

( ) Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. Limits of this authorization.

a. This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.

b. This permit does not grant any property rights or exclusive privileges.

c. This permit does not authorize any injury to the property or rights of others.

d. This permit does not authorize interference with any existing or proposed Federal project.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.

b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.

d. Design or construction deficiencies associated with the permitted work.

e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

a. You fail to comply with the terms and conditions of this permit.

b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

(PERMITTEE) C&P — *(DATE)* 2/18/14

(PERMITTEE) ~~National Grid~~ The Narragansett Electric Company and the New England Power Company

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

JMcCarthy — 2/12/14

(DISTRICT ENGINEER) — *(DATE)*

Jennifer L. McCarthy
Chief, Regulatory Division

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(TRANSFEREE) — *(DATE)*

☆U.S. GOVERNMENT PRINTING OFFICE: 1986 — 717-425

e. Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:

a. You fail to comply with the terms and conditions of this permit.

b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).

c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

Robert D Rydstrom — 2/14/14

(PERMITTEE) CL&P — *(DATE)*

(PERMITTEE) National Grid — *(DATE)*

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

JLMcCarthy — 2/12/14

(DISTRICT ENGINEER) — *(DATE)*

Jennifer L. McCarthy
Chief, Regulatory Division

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(TRANSFEREE) — *(DATE)*

☆U.S. GOVERNMENT PRINTING OFFICE: 1986 — 717-425

Project Description cont'd from page 1:

The IRP consists of:

- The construction of three new 345 kV transmission lines in CT (approximately 37 miles), MA (approximately 23 miles) and RI (approximately 15 miles), and the reconstruction and reconductoring of an existing 345-kV transmission line in RI;
- Reconstruction of the Sherman Road Switching Station (Burrillville, RI) and the retirement of the existing switching station facility;
- Equipment additions and upgrades, all within the existing fence lines of the Card Street Substation (Lebanon, CT), Lake Road Switching Station (Killingly, CT), and the West Farnum Substation (West Farnum, RI);
- Equipment upgrades and storm water management system improvements at the existing Millbury No. 3 Switching Station (Millbury, MA); and,
- Operation and maintenance of the facilities described above.

The Project is depicted on the attached plans (locus sheets) entitled "Interstate Reliability Project, Project Location Map", on fifteen (15) sheets, all sheets dated "5/16/2012"

The authorized work is further described and shown on the plans (Mapsheets) entitled:

- "VOLUME 2A: CONNECTICUT 1"=100' IMPACT SUMMARY MAPSHEETS AND CROSS-SECTIONS" (cover sheet attached), dated "MAY 2012 REVISED APRIL 2013 REVISED NOVEMBER 2013";
- "Interstate Reliability Project North Smithfield and Burrillville, Rhode Island Volume 3A" (cover sheet attached), dated May 25, 2012 Revision Date: November 27, 2013"; and
- "VOLUME 4A Interstate Reliability Project (IRP) – MA: Proposed 366 Line" (cover sheet attached), dated May 17, 2012 Revised April 2013 Nov. 2013

CONNECTICUT PORTION OF THE PROJECT

The Connecticut portion of the Project, which will be performed by CL&P, will consist of approximately 36.8 miles of new overhead 345-kV transmission lines, which will extend across portions of 11 towns in the northeastern part of the state. The Card Street Substation and the Lake Road Switching Station also will be modified. The proposed 345-kV transmission lines will consist of two circuits: between Card Street Substation and Lake Road Switching Station (designated as the new 3271 Line), and between Lake Road Switching Station and the Connecticut / Rhode Island border (designated as the new 341 Line). The new 345-kV transmission lines will be constructed overhead and aligned adjacent to existing 345-kV overhead transmission lines (which were constructed in the 1970s) along existing Rights-of-way (ROWs), which typically are approximately 300 feet wide.

Segments of the existing ROWs include other overhead transmission lines (69-kV and 115-kV) and distribution lines (23-kV). As part of the Project, four existing distribution poles will be relocated within an upland area in Putnam, and one new structure will be installed along the existing ROW in Columbia to eliminate a long conductor span that presently exists along an existing 69-kV line. In the vicinity of Hawthorne Lane in Mansfield, CT, a 0.4 mile segment of the existing ROW will be relocated to improve buffering between the proposed transmission lines and existing residences. This relocated segment will accommodate the proposed 345-kV transmission line as well as relocation of two existing structures that support the adjacent existing 345-kV line in this area.

Approximately 35.4 miles of the new transmission lines will be installed within the boundaries of existing ROWs, which are wide enough to accommodate the new lines without requiring any additional easement acquisition. Along 1.4 miles (0.9 mile in the Town of Mansfield and 0.5 mile in the Town of Chaplin; referred to collectively as the "Mansfield Hollow area"), the existing ROW traverses property owned by the federal government under the auspices of the USACE. The ROW in this area will be expanded by 25-feet to the north in Mansfield, and by 35-feet to the north in Chaplin.

The new overhead 345-kV transmission lines will be supported either on two-pole, steel H-frame structures, or on steel-monopole structures. Cross-sections depicting the proposed structure types, locations, and heights along each ROW segment are included in the above referenced plans entitled "VOLUME 2A: Connecticut 1"=100' Impact Summary Mapsheets and Cross-Sections".

To interconnect the existing transmission system to the new 345-kV transmission lines between Card Street Substation and the Connecticut/Rhode Island border, additions and upgrades to the Card Street Substation and Lake Road Switching Station will be constructed in the towns of Lebanon and Killingly, respectively. The modifications proposed at both of these stations will be located within the existing fenced station areas. In addition, the new 345-kV transmission line will pass through, but will electrically bypass the Killingly Substation in Killingly.

RHODE ISLAND PORTION OF THE PROJECT

The Rhode Island portion of the Project, which will be performed by TNEC, will consist of approximately 22.5 miles of new 345-kV overhead transmission lines, as well as the reconstruction and reconductoring of a 9.2-mile segment of existing 345-kV overhead transmission line and the removal of steel lattice towers along a 4-mile segment of ROW. The existing Sherman Road Switching Station will be reconstructed adjacent to the existing station yard in the Town of Burrillville. The Rhode Island portion of the Project will extend through portions of Burrillville and North Smithfield.

All of the new 345-kV transmission lines in Rhode Island will be aligned parallel to existing 345-kV transmission lines, within existing ROWs. Portions of these ROWs also are presently occupied by 115-kV transmission lines and by structures that formerly supported 69-kV lines.

The Rhode Island portion of the Project comprises of two intersecting transmission lines. The proposed 341 Line, which will connect to the new 345-kV line at the Connecticut /Rhode Island border, will extend for approximately 18 miles, traversing the towns of Burrillville and North Smithfield, to the West Farnum Substation. From the West Farnum Substation, the new 345-kV overhead transmission line (designated the 366 Line) will extend north for approximately 4.8 miles through the Town of North Smithfield to the Rhode Island / Massachusetts border.

Along the 9.2-mile segment of this ROW between the Sherman Road Switching Station and the West Farnum Substation, an existing 345-kV line (designated as the 328 Line) will be reconstructed and reconductored. Various related modifications and improvements to existing 345 kV and 115 kV transmission line structures on the 347 Line and B23 Line will also be made to accommodate the construction of the 341 Line.

The proposed 341 Line will be constructed primarily with direct-embedded tubular steel H-frame tangent structures. Three-pole self-supporting tubular steel structures on reinforced concrete foundations will be used at angle and dead-end locations.

The proposed 366 Line (the Rhode Island portion of which will extend from the West Farnum Substation to the Rhode Island / Massachusetts border) will be located within an existing ROW that is generally 250 feet wide. Along approximately 3.7 miles of this 4.8-mile segment, the ROW is occupied by 115-kV transmission lines and by steel lattice towers that previously supported two 69-kV lines. These steel

lattice towers will be removed as part of the Project. The 366 Line will be constructed primarily with direct embedded tubular steel H-frame tangent structures and three-pole self-supporting tubular steel structures on reinforced concrete foundations at angle and dead-end.

Cross-sections depicting the existing and proposed transmission line structure types, locations, and heights along the Rhode Island ROW segments are included in the referenced plans entitled "Interstate Reliability Project North Smithfield and Burrillville, Rhode Island Volume 3A".

The Sherman Road Switching Station will be reconstructed as a 345-kV air-insulated facility and the existing switching station facility will be retired. The new switching station will be developed on a 40.8-acre parcel of mostly undeveloped land. Certain structures associated with two existing 345-kV lines (the 333 Line and 3361 Line) will be reconstructed and realigned in order to tie into the reconstructed switching station.

MASSACHUSETTS PORTION OF THE PROJECT

The Massachusetts portion of the Project, which will be performed by NEP, will consist of approximately 15.4 miles of new 345-kV transmission line (designated as the 366 Line), extending from the Rhode Island / Massachusetts border north to the Millbury No. 3 Switching Station. The new 345-kV transmission line, which will extend through portions of Millville, Uxbridge, Sutton, Northbridge and Millbury, Massachusetts, will be installed entirely within an existing ROW that varies in width from 125 to 470 feet at its widest point.

This ROW is presently occupied by two 115-kV overhead transmission lines, short sections of low-voltage distribution lines, and by transmission towers that formerly supported a 69-kV overhead transmission line that is no longer in service. To accommodate the new 345-kV transmission line within this ROW, approximately 114 double circuit steel towers, which previously supported the 69-kV line, will be removed. The existing 115-kV transmission lines will not be affected by the Project.

The new 345-kV overhead transmission line will be supported primarily on direct-embedded tubular steel H-frame tangent structures. At angle and dead-end locations, three-pole self-supporting tubular steel structures on reinforced concrete foundations will be used. In addition, some single pole self-supporting structures on reinforced concrete foundations will be used at certain highway crossings and one will be installed to maximize wire clearance over a pre-contact archaeological site eligible for National Register listing.

Cross-sections depicting the existing and proposed transmission line structure types, locations, and heights along the Massachusetts ROW segments are included in the plans referenced entitled "VOLUME 4A Interstate Reliability Project (IRP) - MA: Proposed 366 Line".

Equipment and stormwater management upgrades at the existing Millbury No. 3 Switching Station (Millbury, MA) also will be made, predominantly within and immediately adjacent to the existing station fence line. Upgrades include a new control house and equipment necessary to accommodate the new line. Stormwater management system improvements will occur outside of the existing fence line at the Millbury No. 3 Switching Station, including construction of a bio-retention area to be used to collect runoff from the station driveway, parking areas, control building, and nearby upland areas.

Summary of Project Impacts

Table 1 summarizes the impact areas within jurisdictional areas for the Project.

Table 1: Summary of Wetland Impact Area

Wetland Impact Type	Area of Impact
Connecticut Totals	
Temporary Wetland Impacts	1,542,024 sq. ft. (35.4 ac.)
Permanent Wetland Impacts	41,382 sq. ft. (0.95 ac.)
Secondary[1] Wetland Impacts	1,393,920 sq. ft. (32.0 ac.)
Rhode Island Totals	
Temporary Wetland Impacts	1,316,819 sq. ft. (30.23 ac.)
Permanent Wetland Impacts	64,034 sq. ft. (1.47 ac.)
Secondary[1] Wetland Impacts	1,540,718 sq. ft. (35.37 ac.)
Massachusetts Totals	
Temporary Wetland Impacts	179,903 sq. ft. (4.13 ac.)
Permanent Wetland Impacts	218 sq. ft. (0.005 ac.)
Secondary[1] Wetland Impacts	47,916 sq. ft. (1.10 ac.)
Project Totals	
Temporary Wetland Impacts	3,038,746 sq. ft. (69.76 ac.)
Permanent Wetland Impacts	105,851 sq. ft. (2.43 ac.)
Secondary[1] Wetland Impacts	2,982,554 sq. ft. (68.47 ac.)

[1] Total secondary impact does not include 16.0 acres (CT), 6.08 acres (RI) and 0.23 acres (MA) of temporary and permanent impacts that overlap with the clearing of forested wetlands. These overlapping impacts are accounted for in the corresponding temporary and permanent impact calculations presented in the above table

Mitigation

This permit requires compensatory mitigation for unavoidable impacts that will occur to waters of the U.S. in Connecticut, Rhode Island and Massachusetts. The mitigation plan for all three States is described and shown in a plan entitled, "Interstate Reliability Project, Compensatory Wetland Mitigation Plan," dated November 27, 2013, and as supplemented by submissions dated December 4, 2013. In total, the mitigation plan for the Project will provide approximately 314 acres of mitigation: 0.29 acres of wetland restoration, 17.76 acres of wetland and other habitat enhancements, and 295.90 acres of land preservation.

Table 2 provides a breakdown of proposed mitigation by State. Table 3 further itemizes the components of the mitigation plan, also organized by State but including the type of mitigation to be provided (restoration, preservation or enhancement) and the instrument by which the long-term preservation and/or sustainability will be achieved.

Table 2: Compensatory Mitigation Acreage provided (State-by-State)

State	Restoration (acres)	Enhancement (acres)	Preservation (acres)	Total
Connecticut	0	14.00	119.70	133.70
Rhode Island	0.29	3.76	168.20	172.25
Massachusetts	0	0	8.00	8.00
Project Total	**0.29**	**17.76**	**295.90**	**313.95**

Table 3: Compensatory Mitigation Type, Acreage, and Preservation Instrument (State-by-State)

Mitigation Property	Municipality	Mitigation Proposed	Mitigation Area (acres)	Grantee and Method of Land Transfer
CONNECTICUT				
Quinebaug Junction	Pomfret and Brooklyn, Connecticut	Preservation	119.7	Conservation Easement
		Enhancement	**14.0**	
RHODE ISLAND				
Rocky Hill Road #431	North Smithfield, Rhode Island	Preservation	22.2	North Smithfield Land Trust via Fee Simple deed with restrictions
Rocky Hill Road #29	North Smithfield, Rhode Island	Preservation	29.5	Woonsocket Water Department via Fee simple deed with restrictions.
Brown University Parcel	Burrillville, Rhode Island	Preservation	54.7	Burrillville Land Trust via Fee simple deed with restrictions
Clear River	Burrillville, Rhode Island	Preservation	20.5	Burrillville Land Trust via Fee Simple deed with restrictions
		Enhancement	0.35	NA
Fort Nature Wildlife Refuge	North Smithfield, Rhode Island	Preservation	15.3	Audubon Society of Rhode Island via Fee Simple deed with restrictions
Round Top Brook	Burrillville, Rhode Island	Restoration	0.29	NA

Mitigation Property	Municipality	Mitigation Proposed	Mitigation Area (acres)	Grantee and Method of Land Transfer
Sherman Road Switching Station	Burrillville, Rhode Island	Enhancement	0.39	NA
ROW Improvements Wallum Lake Road to East Wallum Lake Road	Burrillville, Rhode Island	Enhancement	2.71	NA
Depot Street Parcel	Uxbridge, Massachusetts	Preservation	26.0	MA Dept. Conservation and Recreation via Fee Simple deed
Chockalog River	Burrillville, Rhode Island	Enhancement	0.31	NA
MASSACHUSETTS				
Depot Street Parcel	Uxbridge, Massachusetts	Preservation	8.0	MA Dept. Conservation and Recreation via Fee Simple deed
		PROJECT TOTAL	**313.95**	

On-ROW mitigation will occur in all three states and will involve the in-situ restoration of wetlands and watercourses temporarily affected by Project construction activities, such as the installation of temporary fills (e.g., timber swamp mat or clean-gravel access roads and work pads). Such water resources will be restored and stabilized to pre-existing conditions to the extent practicable during the Project ROW restoration efforts.

The mitigation plan includes implementation of the "Wetland Invasive Species Control Plan" (the WISCP), which is a component of the overall "Interstate Reliability Project, Compensatory Wetland Mitigation Plan," dated November 27, 2013.

(Special conditions continued from Page 2)

Condition #1 cont'd:
If the permit is issued after the construction specifications, but before receipt of bids or quotes, the entire permit shall be included as an addendum to the specifications. If the permit is issued after receipt of bids or quotes, the entire permit shall be included in the contract or sub-contract. Although the permittee may assign various aspects of the work to different contractors or sub-contractors, all contractors and sub-contractors shall be obligated by contract to comply with all environmental protection provisions contained within the entire permit, and no contract or sub-contract shall require or allow unauthorized work in areas of Corps jurisdiction.

2. Each Permittee shall complete and return the enclosed Compliance Certification Form to the Corps within one month after the completion of the authorized work for its portion of the Project.

3. No temporary fill (e.g., gravel, cofferdams, construction/swamp mats, log, corduroy, culverts) may be placed in wetlands and/or waters of the United States unless specifically authorized by this permit. Temporary fill that is authorized herein shall adhere to the following:

a. All temporary fill shall be stabilized to prevent its eroding into portions of waters of the U.S., including wetlands, where it is not authorized.

b. Unconfined temporary fill authorized for discharge into waters of the U.S., including wetlands, shall consist of material that minimizes impacts to water quality (e.g. sandbags, clean gravel, stone, aggregate, etc.).

c. Temporary fill authorized for discharge into wetlands should be placed on geotextile fabric or other material (e.g., straw) laid on the pre-construction wetland grade where practicable to minimize impacts.

d. Temporary fill shall be removed as soon as it is no longer needed, disposed of at an upland site, and suitably contained to prevent subsequent erosion into waters of the U.S, including wetlands.

e. Waters of the U.S., including wetlands, where temporary fill was discharged shall be restored

f. Appropriate measures must be taken to maintain normal downstream flows and minimize flooding to the maximum extent practicable, when temporary structures, work, and discharges, including cofferdams, are necessary for construction activities, access fills, or dewatering of construction sites. Temporary fills must be placed in a manner that will not be eroded by expected high flows.

4. Adequate sedimentation and erosion control devices, such as geotextile silt fences or other devices capable of filtering sediments, shall be installed and properly maintained to minimize impacts on wetlands and/or waters during construction. These devices must be removed after soils disturbed by construction activities are stabilized by revegetation or other means. The sediment collected by these devices must be periodically removed and placed in uplands, in a manner that will prevent its erosion and transport to wetlands and/or waters.

5. All areas of wetlands and/or waters, which are disturbed during construction, except those authorized herein for permanent impact, shall be restored to their approximate original elevation (but not higher) and condition by careful protection, and/or removal and replacement, of existing soil and vegetation. In addition, if upland clearing, grubbing, or other construction activity results in, or may result in, soil erosion with transport and deposition into a wetland or waterway, devices such as geotextile silt fences, sediment trenches, etc., shall be installed and properly maintained to minimize such impacts during construction. These devices must be removed upon completion of work and stabilization of disturbed areas. The sediment collected by these devices must also be removed and placed upland, in a manner that will prevent its later erosion and transport to a waterway or wetland.

6. The Tribal Historic Preservation Officer of The Mashantucket (Western) Pequot Tribe, The Mohegan Tribe, The Narragansett Tribe, and The Wampanoag Tribe of Gay Head (Aquinnah) must be notified at least 7 business days prior to the start of construction at the permit area. A tribal representative(s) must be allowed to be present during any ground disturbance or excavation activities to identify any possible cultural or historic items found on site during these construction activities. The representatives will need to comply with construction site safety requirements. General Condition 3 of this Department of the Army Permit, Eng Form 1721 addresses encounters with previously unidentified archaeological or other cultural resources.

7. If human remains or funerary objects, are unexpectedly encountered/discovered during Project construction and/or during any ground disturbance, the permitttee shall stop any ground-disturbing activities at the discovery area and its immediate vicinity that may reasonably be assumed to affect such area, and shall notify and consult with the Corps of Engineers and the Tribes prior to re-commencing the stopped activities.

8. Each Permittee shall provide compensatory mitigation for its portion of the Project in accordance with the "Interstate Reliability Project Compensatory Wetland Mitigation Plan", dated "November 27, 2013" and as supplemented by a submission dated December 4, 2013 (collectively, the "mitigation plan"). Each Permittee's responsibility to complete the compensatory mitigation will not be considered fulfilled until it has demonstrated mitigation success and has received written verification from the U.S. Army Corps of Engineers. The term "mitigation success" for each mitigation project means satisfactory achievement of the goals set out in the mitigation plan for that project. Demonstration of success shall consist of the required monitoring, corrective measures, reporting, and final wetlands assessments as described in the mitigation plan for each permittee, as applicable.

9. The introduction, spread, or the increased risk of invasion of non-native invasive plant or animal species on the Project site, due to the site work, into new or disturbed areas, or areas adjacent to the Project site, shall be managed in accordance with the "Wetland Invasive Species Control Plan" (May 2012) (WISCP) provided as Attachment 1 to the Compensatory Wetland Mitigation Plan for the Interstate Reliability Project (July 29, 2012), as supplemented November 27, 2013 and December 4, 2013.

Prior to being onsite, the contractor shall thoroughly inspect and remove seeds, plant material, soil, mud, insects, and other invertebrates on all equipment, including construction mats, to be used on the project site to prohibit introduction of invasive organisms. At a minimum, the following shall be inspected and cleaned on terrestrial vehicles where applicable:

Rubber Tired Vehicles - Crevices in upper surface and panels, tires, rims, and fender wells, spare tire mounting area, bumpers, front and rear quarter panels, around and behind grills, bottom of radiator vent openings, brake mechanisms, transmission, stabilizer bar, shock absorbers, front and rear axles, beds, suspension units, exhaust systems, light casings, and mirrors.
Tracked Land Vehicles - Crevices in upper surface and panels, top of axles and tensioners, support rollers, between rubber or gridded areas, beneath fenders, hatches, under casings, and grills.
Interiors of All Vehicles - Beneath seats, beneath floor mats, upholstery, beneath foot pedals, inside folds of gear shift cover.

10. Work shall conform to the protective measures for vernal pools described in the "Project-Wide Avoidance and Impact Minimization Protocol for Vernal Pools" provided as Attachment 4.1 of Volume 1 of the Application.

11. Work shall conform to the protective measures for waters of the United States described in the "Project-Wide Avoidance and Impact Minimization Protocol for Waterbodies" provided as Attachment 4.1 of Volume 1 of the Application.

12. Except where stated otherwise, reports, drawings, correspondence and any other submittals required by this permit shall be marked with the words "Permit No. NAE-2008-1671", and shall be submitted via: a) MAIL: Attn: Susan Lee – Regulatory Division, Corps of Engineers, New England District, 696 Virginia Road, Concord, MA 01742-2751, or b) FAX: (978) 318-8303. Documents which are not marked and addressed in this manner may not reach their intended destination and do not comply with the requirements of this permit. Requirements for immediate notification to the Corps shall be done by telephone to (978) 318-8338.

13. Work shall conform to the permit plans and work authorized by this permit. Any proposed modifications to the authorized work or plans shall be submitted to our office for written approval prior to implementation.

14. For construction of the Connecticut portion of the Project:

a. CL&P shall conform, to the extent practicable, with the "Construction and Maintenance Requirements Best Practice Manual: Connecticut" prepared for Northeast Utilities Transmission Group by Tighe & Bond (December 2011) (included in the Application, Volume 1 as Appendix E), as may be revised.

b. CL&P shall implement the stipulations and requirements for the avoidance and protection of historic/cultural properties and to mitigate for the adverse effect of the undertaking on properties eligible for listing in the National Register of Historic Places, as agreed to and described in:

(1) the attached Memorandum of Agreement entered into on October 18, 2013, pursuant to 36 CFR 800.6(c), by and among the Corps of Engineers, CL&P, the CT SHPO, The Narragansett Indian Tribal Historic Preservation Office, the Mashantucket (Western) Pequot Tribal Historic Preservation Office, and the Mohegan Tribe; and

(2) the attached Memorandum of Agreement entered into on November 6, 2013, by and among CL&P, The Narragansett Indian Tribal Historic Preservation Office, the Mashantucket (Western) Pequot Tribal Historic Preservation Office, and the Mohegan Tribe.

c. CL&P shall notify the Connecticut State Historic Preservation Office, and appropriate representatives of The Narragansett Indian Tribal Historic Preservation Office, the Mashantucket (Western) Pequot Tribal Historic Preservation Office, the Mohegan Tribe, and the Wampanoag Tribe of Gay Head/Aquinnah (the "Tribes") at least 5 business days prior to the start of construction at areas of interest identified by the Tribes pursuant to the Memorandum of Agreements described above in Special Condition 14(b). Any tribal representative(s) who chooses to attend must be allowed to be present to observe construction activities in the vicinity of said areas of interest. The representative(s) will need to comply with CL&P's construction site safety and environmental requirements.

d. CL&P shall cause its affiliate, the Rocky River Realty Company, to execute and record a conservation easement to protect in perpetuity the land shown on the attached survey plan entitled "Conservation Easement Area Map on The Rocky River Realty Company Property, Towns of Brooklyn & Pomfret, Windham County, CT", Scale 1"=200' Date: 11/22/13. The conservation easement shall be in substantially the same form as the attached draft "CONSERVATION EASEMENT to NU LAND TRUST, INC." dated "12/10/13 Draft." Any change in the draft language shall be coordinated with the Corps of Engineers before execution and recordation of the conservation easement. A copy of the executed and recorded document must be sent to: "PATS Branch – Regulatory Division, Corps of Engineers, New England District, 696 Virginia Road, Concord, MA 01742-2751" within 120 days of the permit's issuance, but no later than 10 days after the date of the recording. Documents which are not addressed in this manner may not reach their intended destination and do not comply with the requirements of this permit.

e. The Project in Connecticut includes construction of new 345-kV aerial transmission lines across Mansfield Hollow Lake at the Corps' Mansfield Hollow Lake Project in Mansfield, Connecticut. The 345-kV lines crossing over Mansfield Hollow Lake shall have a minimum vertical clearance of 29.0 feet above elevation 260.0 feet NAVD 88 (reference pool elevation 257.0 feet NAVD 88 plus 3.0 feet added for storm surge) as shown on the attached drawing labeled "SK-MH-LAKE XING PERMIT", one sheet, dated "04/16/13" submitted by CL&P and approved herein. The transmission line clearance is based on the low point of the lines under conditions which produce the greatest sag, taking into consideration temperature, load, wind,

length of span and type of supports as outlined on the National Electrical Safety Code.

f. No later than 90 days after final energization of the aerial electric transmission lines over Mansfield Hollow Lake in Mansfield, Connecticut, CL&P shall submit an as-built drawing(s) for the transmission lines constructed over Mansfield Hollow Lake. The as-built drawings shall at least include the same information/content as depicted on the attached drawing labeled "SK-MH-LAKE XING PERMIT", one sheet, dated "04/16/13". The as-built drawings shall be stamped and signed by a professional engineer or land surveyor registered in the state the work is being performed.

g. CL&P understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized over Mansfield Hollow Lake, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation on Mansfield Hollow Lake, the CL&P will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

15. For the Rhode Island portion of the Project:

a. TNEC shall conform, to the extent practicable, with the "National Grid Environmental Guidance, ROW Access, Maintenance and Construction Best Management Practices (Revised April 22, 2013) included in the supplemental Application materials submitted on November 26, 2013, as may be revised.

b. TNEC shall implement the avoidance and protection measures regarding potential ceremonial stone landscapes shown on the attached plan sheets (8 sheets dated 10/01/2013; with REV. DATE 10/01/2013).

c. TNEC shall arrange for the execution and recording of a deed for each of the five (5) compensatory mitigation parcels identified on Exhibit A (attached) with the appropriate registry of deeds within 90 days of initiation of TNEC's work in Waters of the United States. The deed shall enable the site or sites to be protected in perpetuity from any future development. Each deed shall include a conservation restriction in substantial conformance with the conservation restrictions contained in the attached draft deeds. Any material change in the draft language shall be coordinated with the Corps before execution and recordation of the deed. Copies of the executed and recorded documents must be sent to: "PATS Branch - Regulatory Division, Corps of Engineers, New England District, 696 Virginia Road, Concord, MA 01742-2751" within 30 days of the date they were recorded. Documents which are not addressed in this manner may not reach their intended destination and do not comply with the requirements of this permit. TNEC shall also provide the Corps with a Land Management Plan for each parcel which must be approved by the Corps in writing prior to TNEC performing any work in the Waters of the United States.

16. For the Massachusetts portion of the Project:

a. NEP shall conform, to the extent practicable, with the "National Grid Environmental Guidance (E6-303NE), ROW Access, Maintenance and Construction Best Management Practices (Revised April 22, 2013) included in the supplemental Application materials submitted on November 26, 2013, as may be revised.

b. NEP shall implement the avoidance and protection measures for the Sands of the Blackstone Site in Massachusetts, as described in the "Archaeological Site Avoidance and Protection Plan" approved by the Massachusetts Historical Commission, and dated "August 1, 2013".

c. NEP shall execute and record a deed that in effect protects in perpetuity the land shown on the attached survey plan entitled "Plan of Land in Uxbridge, Massachusetts dated January 8, 2014" with the appropriate registry of deeds within 90 days of initiation of NEP's work in Waters of the United States. The deed shall be in substantial conformance with the attached draft "Release Deed" dated December 3, 2013. Any material change in the draft language shall be coordinated with the Corps of Engineers before execution and recordation of the deed. A copy of the executed and recorded document must be sent to: "PATS branch-Regulatory Division, Corps of Engineers, New England District, 696 Virginia Road, Concord, MA 01742-2751" within 30 days of the date of the recording. Documents which are not addressed in this manner may not reach their intended destination and do not comply with the requirements of this permit.

ATTACHMENT B

CT DEEP TECHNICAL PLAN REVISION APPROVAL LETTER
(January 14, 2014)

Connecticut Department of
ENERGY &
ENVIRONMENTAL
PROTECTION

79 Elm Street • Hartford, CT 06106-5127 www.ct.gov/deep Affirmative Action/Equal Opportunity Employer

The Connecticut Light and Power Company
P.O. Box 270
Hartford, CT 06141

Attn: William J. Hoynack

Re: **Request for Technical Plan Revision**

Permit Nos.:	WQC-201205697 & SCEL-201205698
Project:	Interstate Reliability Project
USACOE No.:	NAE-2008-1671
Towns:	Lebanon, Columbia, Coventry, Mansfield, Chaplin, Hampton, Brooklyn, Pomfret, Killingly, Putnam and Thompson

Dear Mr. Hoynack:

The Department has completed a review of a request for a technical plan revision to the above referenced applications received by the Department on December 20, 2013. A substantial reduction in temporary wetland impacts (-19,158 square feet), and small increases in secondary (+2,128 square feet) and permanent wetland impacts (+933 square feet) have been proposed and identified in the document entitled, "Request for Technical Plan Revisions and Provision of Additional Information and data per Permit Conditions." You stated that most of the proposed revisions are a result of National Historic Preservation Act consultations, with the remainder being necessitated by discussions with stakeholders/landowners during the completion of the Development and Management Plan as required by the CT Siting Council. As you noted, the increase in permanent wetland impact is due to ongoing design work as required by Special Condition 12 of the referenced permit. A summary of the proposed changes are listed below:

- additional clearing of forested wetland vegetation at wetland # W20-44 on mapsheet 19 due to a reconfigured work pad (structure 49),
- additional clearing of forested wetland vegetation at wetland #W20-137 and W20-138 on mapsheets 72 and 73due to a reconfigured work pads (structures 182 and 183),
- placement of riprap to formalize two eroding small stream access road crossings pursuant to permit Special Condition #12, and
- removal of Stream Channel Encroachment Line (SCEL) boundaries from mapsheets 13 and 14 due to legislative repeal of the SCEL program.

Your request for technical plan revision is hereby approved. The project shall be constructed in accordance with plans entitled "The Connecticut Portion of the Interstate Reliability project by

the Connecticut Light and Power Company / Attachment G / 1"=100' Impact Summary Sheets & Cross-Sections," dated July 2012, revised to April 2013 and to December 2013. The proposed revisions are consistent with the original Water Quality Certification and Stream Channel Encroachment Line permit issued on May 7, 2013. All conditions of your permit remain in effect.

In addition to your request for technical plan revision, you requested that, pursuant to permit Special Condition #5, we approve the final draft of the attached Conservation Easement (dated 12/10/13) for the 119.69 acre parcel to be preserved as compensatory mitigation for unavoidable wetland impacts. Upon review of said conservation easement, I find it acceptable and hereby approve it.

If you have questions regarding the permits, you may contact Doug Hoskins at (860) 424-4192, douglas.hoskins@ct.gov. All correspondence regarding the permits should reference the permit numbers identified above and be addressed to Doug Hoskins, Inland Water Resources Division, Bureau of Water Protection and Land Reuse, Department of Energy and Environmental Protection, 79 Elm St., Hartford, CT 06106-5127.

January 14, 2014
Date

Cheryl A. Chase
Director
Inland Water Resources Division
Bureau of Water Protection and Land Reuse

CC:dh

attachments (1)

cc:
Brian Murphy, DEEP Inland Fisheries (email only)
For the towns of Mansfield/Brooklyn/Thompson:
- Mayor/First Selectman
- Conservation Commission
- Inland Wetland Agency
- Planning & Zoning Commission

Susan Lee, New England District, USACE, 696 Virginia Road, Concord MA 01742-2751
Chris Fritz, Burns & McDonnell, 108 Leigus Rd., Suite 1100, Wallingford, CT 06492
Jeffrey R. Martin, CL&P, P.O. Box 270, Hartford, CT 06141

ATTACHMENT C

REVISED D&M PLAN VOLUME 3 MAPS
Dated February 2014

Maps updated to incorporate:

- **Project modifications to avoid or minimize impacts to water resources and cultural resources, as approved by the USACE and CT DEEP**

- **Condition 1 of the Council's D&M Plan approval [specification for syncopated silt fence around vernal pools]**

- **Minor changes, as identified in previous submissions (Monthly Construction Reports) to the Council**

(D&M Plan Volume 3 bound separately)