

September 3, 2015

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

Re: 1772 Line Loop Reconfiguration

Dear Chairman Stein:

Eversource Energy ("Eversource" or the "Company") is submitting an original and fifteen (15) copies of the attached request for a Determination that no Certificate of Environmental Compatibility and Public Need is required for proposed modifications to a 115-kV transmission line, the 1772 Line, in Haddam, Connecticut ("Petition").

Eversource has provided written notice of this request to the property owner, the Connecticut Yankee Atomic Power Company, where the proposed modifications would be made. There are no abutting property owners other than the Company.

Prior to submitting this Petition, written notice was also provided to First Selectman Melissa Schlag of the Town of Haddam.

A check in the amount of \$625 for the required filing fee is also attached.

Sincerely,



John Morissette  
Project Manager – Transmission Siting - CT

Attachment: Petition  
Letter to Property Owner

cc: First Selectman Melissa Schlag, Town of Haddam



**EVERSOURCE ENERGY**  
PETITION TO THE CONNECTICUT SITING COUNCIL  
FOR A DECLARATORY RULING OF  
NO SUBSTANTIAL ADVERSE ENVIRONMENTAL EFFECT  
FOR THE PROPOSED 115-kV TRANSMISSION LINE  
LOOP RECONFIGURATION OF THE 1772 LINE  
IN THE TOWN OF HADDAM, CONNECTICUT

1. The Connecticut Light and Power Company doing business as Eversource Energy (“Eversource” or the “Company”) hereby petitions the Connecticut Siting Council (“Council”) for a Determination that no Certificate of Environmental Compatibility and Public Need (“Certificate”) is required, pursuant to Section 16-50g et seq. of the Connecticut General Statutes, for proposed modifications to an existing 115-kV transmission line within Eversource’s existing right-of-way (“ROW”) in Haddam (the “Project”) that are described herein. Eversource submits that no such Certificate is required because the proposed modifications would not have a substantial adverse environmental effect.
2. The purpose of the Project is to eliminate approximately 0.5 miles of transmission line to lessen the burden of inspections and maintenance of Eversource’s transmission facilities and address difficulties with access to the structures on restricted property of Connecticut Yankee Atomic Power Company.
3. The Project consists of decommissioning a portion of the 1772 Line, permanently removing six structures, replacing two existing structures with two new structures that will be repositioned to new locations within the ROW and adding a short span of new conductor to loop the 1772 within the ROW located near the Haddam Neck Substation (“Substation”) at 181 Cove Road in Haddam, Connecticut
4. The Project would include the following:
  - a) Removal of four single-circuit 115-kV wood H-Frame structures 15168, 15169, 3745, and 3746).
  - b) Removal of single-circuit 115-kV steel lattice structures 15170 and 3747.
  - c) Replacement (like-for-like) of wood three-pole structure 3744 with a new wood structure that would have the same height and design. The new structure would be located approximately 15 feet east from the existing structure’s location.

- d) Replacement of three-pole wood structure 15167 (height of 46 feet above ground level) with a three-pole wood structure having a height of approximately 66 feet above ground level. The new structure would be located approximately 35 feet south of the existing structure's location. See Attachment A: Structure 15167 Cross Section Existing and Proposed Structure.
- e) Installation of 1272 kcmil 45/7 ASCR conductor (approximately 255 feet) for the loop from the new proposed structures 15167 to 3744.

The proposed modifications are shown on Attachment B: Line 1772 Line Loop Reconfiguration.

5. The proposed modifications would not have a substantial adverse environmental effect because:

a) Radio and Television Interference

There would be no changes to radio or television interference from the proposed modifications.

b) Sound Levels

There would be no measureable changes to the sound levels along the transmission corridor after completion of the Project.

c) Access Roads

Eversource would use the existing access from the 181 Cove Road and Canal Street to the ROW.

d) Clearing

There would be no expansion of the existing cleared portion of the ROW. Some additional selective vegetation removal would be required as necessary at the base of the existing structures and at work pad and conductor pull pad locations to provide unobstructed access for the safe operation of construction equipment.

Eversource would minimize vegetation removal activities to the extent practicable and restore temporarily disturbed areas in accordance with the Company's December 2011 *Best Management Practices Manual: Connecticut* ("BMPs").

e) Environmental Effects

Construction and operation of the Project would not result in a substantial adverse environmental effect. The Project would be constructed entirely within the existing transmission ROW and no expansion of the existing, maintained ROW would be required.

Wetlands, Watercourses and FEMA Flood Zones

Water resources are limited in the vicinity of the Project. Wetland systems and watercourses were identified and delineated within the Project area. Structure 3747 is located in a small portion of the 100-year floodplain, as shown on the map in Attachment B. No excavation or tree clearing within wetlands or watercourses would occur.

Temporary wetland impacts would be limited to installation of construction mats around structures 3747 and 3746 to facilitate a safe working platform for the removal of these structures. All construction mats would be removed after the Project is complete. Any work within the wetland system would be conducted in accordance with the BMPs. Also, Eversource would also install appropriate erosion and sediment controls ("E&S") around work areas and along access roads, as needed, to minimize the potential for sediment deposition into wetlands, and remove such controls after final site stabilization.

Construction of the Project would conform to best management practices for E&S control, including those issued in the *2002 Connecticut Guidelines for Soil Erosion and Sediment Control* and the BMPs. Typical E&S control measures include, but are not limited to straw blankets, hay bales, silt fencing, check dams, berms, swales, and sediment basins. Silt fence would be installed prior to construction to demarcate the line of construction and prevent migration of sediment or construction materials into the wetland.

E&S control measures would be maintained and inspected throughout the Project to ensure their integrity and effectiveness. Following the completion of

construction, seeding and mulching would occur to permanently stabilize previously disturbed areas. The temporary E&S control measures would remain in place until the Project work is complete and all disturbed areas have been stabilized.

#### Ground Water and Surface Water

The Project would not affect groundwater or surface water resources and the Project would not cross any aquifer protection areas. No public supply reservoirs are in the vicinity of the Project. Lastly, the Project would not affect public/private water supply wells.

#### Endangered Species Review

Eversource's review of the Connecticut Department of Energy and Environmental Protection's ("CT DEEP") Natural Diversity Data Base has not identified any state-listed endangered, threatened, or special concern species in the vicinity of the Project.

#### Electric and Magnetic Fields

Beyond the Connecticut Yankee Atomic Power Company property boundaries, there will be no measurable changes to the electric and magnetic fields as a result of this Project. There will be minimal changes to field strengths at the edge of the ROW due to the repositioning of the new structures.

#### Waste Management

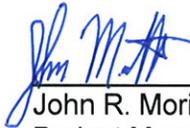
After removal, the existing 115-kV conductor and any construction debris or excess materials would be disposed of in accordance with Eversource's BMPs.

6. Eversource proposes to begin construction during October 2015 and expects that the construction would be completed December 2015.

7. Section 16-50k(a) of the Connecticut General Statutes provides that a Certificate of Environmental Compatibility and Public Need is needed for proposed modifications of a facility that the Council determines would have a "substantial adverse environmental effect." Eversource respectfully submits that the proposed modifications would not result in a substantial adverse effect on the environment or ecology, nor would they damage existing scenic, historical or recreational values. Accordingly, Eversource requests that the Council issue a declaratory ruling that the proposed modifications would have no substantial adverse environmental effect and, therefore, no Certificate is required.
8. Communications regarding this Petition for a Declaratory Ruling should be directed to:

Mr. John R. Morissette  
Project Manager - Transmission Siting - CT  
Eversource Energy  
PO Box 270  
Hartford, CT 06141-0270  
Telephone: (860) 728-4532

By:



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John R. Morissette  
Project Manager – Transmission Siting- CT

Attachments:

- Attachment A: Structure 15167 Cross Section Existing and Proposed Structure  
Attachment B: Line 1772 Loop Reconfiguration  
Attachment C: Letter to the Property Owner







August 21, 2015

Brantley Buerger, ISFSI Manager  
Connecticut Yankee Atomic Power Company  
362 Injun Hollow Road  
East Hampton, CT 06424-3099

Re: 1772 Line Loop Reconfiguration

Dear Rich:

The Connecticut Light and Power Company doing business as Eversource Energy (Eversource) has previously corresponded with you regarding the proposed modifications to Eversource facilities within Eversource's right of way near Haddam Neck Substation (the ROW) on property owned by the Connecticut Yankee Atomic Power Company that is subject to Eversource's ROW easement. Eversource is providing written notice of its planned filing of a Petition for Declaratory Ruling with the Connecticut Siting Council (Council) in early September 2015, related to the proposed modifications.

The proposed modifications consist of decommissioning a portion of the 1772 Line, permanently removing six structures, replacing two existing structures with two new structures that will be installed at new locations within the ROW and adding a short span of new conductor to loop the 1772 within the ROW.

With this letter, Eversource is providing notice to you of the proposed modifications as the owner of the property on which these modifications would be made. The Council may consider Eversource's request in October 2015. Eversource plans to begin upgrades to the transmission system in November 2015 and continue through December 2015.

If you have any concerns or questions regarding this notice or the proposed modifications, please do not hesitate to contact me at 860-728-4812.

Sincerely,



Rina Landry – PE, PMP  
Transmission Project Manager

