

**Docket No. 217 – Development and Management Plan Inspection**

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

**Date:** May 26, 2005

**Inspector:** Diana Walden

**Location:** 115 kV Underground Route

**Storm/**

**Rain Event:** The areas received several smaller rain events totaling 0.85"-0.92" between 5/22 and 5/25 as reported by NOAA.

Areas of Inspection	Observation	Recommended Action
Vault Openings and Trench Construction	<ul style="list-style-type: none"> <li>- The first vault installation near #129 Gallows Hill Road has been completed and a temporary cover was in place for the night. 5/26/05</li> <li>- Sawcutting of asphalt and trench preparation is now ongoing along Rt. 107. 5/26/05</li> <li>- The first area of cable and conduit has been installed in the trench on Gallows Hill. Concrete was being poured and a temporary cover placed over the trench for the night. 5/26/05</li> </ul>	<p>-All soil and excavated materials are being trucked off site to the Redding town yard so there is little exposed soil in the roadways. All work is in the roadway and seems well contained for the most part. 5/26/05</p>

Areas of Inspection	Observation	Recommended Action
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<ul style="list-style-type: none"> <li>- Silt fence has been well installed where the work is located adjacent to wetlands off the roadway. Due to curbing or natural berms some of the areas of installation seem unnecessary. 5/26/05</li> <li>- Several silt fence check dams have been placed in the existing country drainage swales along the roadway to protect the inlets from sedimentation. 5/13-5/26/05</li> </ul>	<ul style="list-style-type: none"> <li>- None at this time. Continue to monitor and maintain and repair the fence as necessary. 5/13-5/26/05</li> </ul>
Erosion and Sediment Controls continued	<ul style="list-style-type: none"> <li>- The swale to the drain inlet near #34 Gallows Hill Road was paved to prevent erosion to the inlet. 5/26/05</li> <li>- A small pile of gravel and sediment was pushed against the silt fence at the vault installation (#129 Gallows Hill) and pulled a portion of the fence from a stake. 5/26/05</li> </ul>	<ul style="list-style-type: none"> <li>- A haybale should be placed in the swale when the adjacent trench is reopened. 5/26/05</li> <li>- The fence should be repaired in this location and the gravel pulled back from the erosion controls. 5/26/05</li> </ul>
	<ul style="list-style-type: none"> <li>- Stockpiles are not currently present for the most part. All excavated material is currently clean and is being trucked to the Redding town yard and stored appropriately 5/18-5/26/05</li> <li>- Concrete is being poured in the trench in a few locations. The chutes are washed out in the trench and “misplaced” washouts were not observed. 5/26/05</li> </ul>	<ul style="list-style-type: none"> <li>- If stockpiles become necessary on site, a haybale line should be installed downgradient of the pile.</li> <li>- None at this time. 5/26/05</li> </ul>
Adjacent Wetlands and Waterways	<ul style="list-style-type: none"> <li>-None of the wetland resource areas adjacent to the roadway work were affected by the activities. No sedimentation or turbidity was noted. 5/26/05</li> </ul>	<ul style="list-style-type: none"> <li>-None at this time. Continue to monitor.</li> </ul>

Areas of Inspection	Observation	Recommended Action
Staging, Storage, and Parking Areas	<ul style="list-style-type: none"> <li>- The pull-off area on the side of Gallows Hill Rd that has been designated as a machinery parking area is still well maintained. 5/26/05</li> <li>- Clean soil excavate from the trench is being temporarily stored at the Redding Town yard in a bin/corral. The area is well contained. 5/26/05</li> </ul>	- No recommendations at this time. 5/26/05
State species of concern, threatened and endangered species	- No species of concern are located in this area of construction.	- N/A
Vegetative clearing limits (including trees to save or danger trees noted)	-No significant clearing appeared to be necessary at this time. Some minor ground cover disturbance was necessary in a few locations 5/26/05	- When ground cover removal is necessary along the sides of the roadway, the areas will be restored and reseeded following the work. 5/26/05
Dewatering	- No dewatering was necessary at this time although it may become active if the area experiences any significant rains during vault installation. 5/26/05	-None at this time. 5/26/05
Blasting	- No blasting is occurring on site at this time and it is not anticipated to be necessary.	- None at this time.
Spills and Material Storage	- Prior to the inspection, a small leak had been noted under an excavator. A can had been placed to catch the fluid and a mechanic had been notified. 5/26/05	<ul style="list-style-type: none"> <li>- The contractors should remain vigilant about securing and handling fuel containers.</li> <li>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site.</li> <li>- Check equipment status on a regular basis and keep spill kits on hand.</li> <li>- Report spills immediately, even if they are being controlled.</li> </ul>
Additional		

Areas of Inspection	Observation	Recommended Action
Observations		

**Next likely scheduled inspection:**

Wednesday, June 1, 2005

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

**Inspector's Signature:** Diana Walden



115 kV- Preparation trenching has been occurring along Rt. 107 and silt fence is in place. (5/26/05)



A drain inlet at 34 Gallows Hill Road should be protected with a haybale when activities resume here. (5/26/05)



View of the first portion of the cable/conduit installation along Gallows Hill Rd. (5/26/05)



The first vault has been installed along Gallows Hill Rd. and was covered for the night. (5/26/05)



Silt fence along Gallows Hill in the vicinity of the vault had been strained in one area due to a small gravel pile. (5/26/05)



View of the Redding Town yard where clean excavate from the roadwork is being temporarily stored. (5/26/05)