

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: October 19, 2005

Inspector: Lee Curtis

Location: Transition Stations: Hoyts Hill, Archers Lane, Norwalk Junction

Storm/

Rain Event: Significant amounts of rain continued to accumulate from the storm event over the last inspection. An additional 4” fell over 10/13-10/14.

Areas of Inspection	Observation	Recommended Action
<p>Access Roads and Adjacent Roadways</p>	<p>- Hoyts Hill: No new access roads have been constructed. Access is gained off Hoyts Hill Road which was previously repaved and curbed by the DPW. Sediment tracking was not noted. 10/19/05.</p> <p>-Archers Lane: A blast along the access road had resulted in more material movement than anticipated and it had piled at the property line/stone wall. Boulders continue to be stockpiled up along this side within the project parcel and will be removed when the material is. 9/15-10/19/05.</p> <p>- Norwalk Junction: No active work was occurring on site at the time of inspection but it appears the area was being cleared beyond the limits of the parking lot for station related work. The erosion controls associated with the 115kV work were damaged due to the previous flood damage.10/19/05</p>	<p>-Monitor any sediment tracking issues and determine if a pad may be necessary. 9/15-10/19/05.</p> <p>- Contractors were aware of the problem and the fact the material had crushed the silt fence here. Permission is still being obtained to move materials from back over the property line. 9/15-10/19/05.</p> <p>- Repair and/or install good perimeter erosion controls to be used during transition station work. 10/19/05.</p>

Areas of Inspection	Observation	Recommended Action
	materials will be pulled back and the fence restored. 9/15-10/19/05	
Erosion and Sediment Controls continued	<p>-The silt fence corner at the base of the access road slope was still intact but some sediment had accumulated. 10/12/05-10/19/05.</p> <p>- Norwalk Junction: The erosion controls associated with the 115kV work were still washout out due to the previous flood damage. 10/19/05</p> <p>- Brush was noticed within the paved swale adjacent to the parking lot and the associated inlet was not protected by erosion controls. 10/19/05</p>	<p>- Continue to monitor this area, especially after significant rain events. Sediment may need to pulled away after the rains and repairs may be necessary. 10/19/05.</p> <p>-Repair and/or install new perimeter erosion controls for the transition station work before major site work takes place. 10/19/05</p> <p>- This inlet leads to the wetlands and should be protected with erosion controls and stockpiles should not be stored in or directly adjacent to the swale. 10/19/05.</p>
Inland Wetland and Watercourse encroachment and mitigation	<p>- Hoyts Hill: As part of the transition station, a small area of wetland was cleared and altered. The outer silt fence is still up as a work limit and to protect the remainder of the wetland. 7/22-10/19/05.</p> <p>-Archers Lane: The low spot in the fence should be monitored although wetlands didn't appear to be immediately adjacent. 10/19/05.</p> <p>- Norwalk Junction: Wetlands associated with the Norwalk River are located immediately adjacent to the site and the old 115kV erosion controls are in disrepair due to previous flood damage. Flooding may be an issue during extended periods of</p>	<p>-Continue to monitor. In general, keep all equipment and materials out of wetlands not to be disturbed and keep controls in good repair. 10/19/05.</p> <p>- Continue to maintain silt fence as needed. 10/19/05.</p> <p>- Install and maintain perimeter controls here as transition station work begins. 10/19/05.</p>

Areas of Inspection	Observation	Recommended Action
	rain. 10/19/05.	
State species of concern, threatened and endangered species	- No species of concern are located in these areas of construction.	- N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-Hoyts Hill: All site work is currently ongoing in the previously cleared station area. 9/7/05-10/19/05.</p> <p>- Archers Lane: Blasting continues in the previously cleared areas and most material remains contained with the exception of the material over the stone wall. 9/15-10/19/05.</p> <p>- Norwalk Junction: Clearing continues beyond the footprint of the parking area, and it appears that trees have been preserved where possible. 10/19/05.</p>	<p>-None at this time. In general limit clearing to those areas necessary. 10/19/05.</p> <p>-None at this time. In general, keep clearing within the limits of the work. 10/19/05.</p> <p>- Continue to attempt to preserve trees where possible if trimming is sufficient. 10/19/05.</p>
Dewatering	<p>- At Hoyts Hill, the dewatering corral had been removed. The stormwater drains and catch basin were in place. 10/19/05.</p> <p>- No dewatering has been necessary yet at Archers Lane. 10/19/05.</p> <p>- The release from the frac truck associated with the 115kV work has been cleaned, but booms still remain on site. 10/19/05.</p>	<p>-None at this time. 10/19/05.</p> <p>- None at this time. 10/19/05</p> <p>- See the 115kV report for more details. Booms should be removed from the area by 115kV contractors. 10/19/05.</p>
Blasting	<p>- Blasting continues at Archers Lane within the station site and access road. As previously stated, a blast did cause some wayward material to end up on /over the property line. 9/15-10/19/05.</p> <p>- Another round of blasting occurred during the inspection within the station site. 10/19/05.</p>	<p>- Materials are mostly well contained and the extraneous rock/sediment will be moved appropriately when permission is granted. 9/15-10/19/05.</p>

Areas of Inspection	Observation	Recommended Action
Spills and Material Storage	<p>- No further drips or leaks were noted at Archers Lane or Hoyts Hill at the time of the inspection.</p> <p>- Drips/stains were noticed beneath a piece of equipment at Norwalk Junction. It appears that the equipment was leaking but it is possible the leaks were from previous machinery stored in the area. The leak was contained to the asphalt but the machine should be repaired if necessary. 10/19/05.</p>	<p>-Further investigation is needed to accurately determine the source of the fuel.</p> <p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site</p> <p>- Report spills immediately, even if they are being controlled.</p> <p>- Take care not to get carried away and to be vigilant when refueling. Avoid refueling in the areas near the wetlands. Se proper storage for all materials.</p>
Additional Observations		

Next likely scheduled inspection: Thursday, October 27, 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 for Lee Curtis



Hoyts Hill Transition Station: Photo on the left shows that the site yard has been backfilled and brought to grade. Photo on the right shows that minor repairs are needed on the perimeter silt fence. 10/19/05



The pipes along the retaining wall have been installed but were not discharging at the time of inspection. Sediment was seen in the riprap pads. 10/19/05



A large amount of sediment was noticed entering and accumulated within the catch basin. The source was unknown. The catch basin should be cleaned out. 10/19/05



Archers Lane: Blasting and site work continue at Archers Lane. 10/19/05



Norwalk Junction: The release from the frac truck associated with the 115kV work has been cleaned, but booms still remain on site and should be removed by 115 contractors. Photo on the right shows a view of the fuel stains beneath the Volvo, excavator. The vehicle appeared to be leaking during the time of inspection.



Clearing continues beyond the footprint of the parking area.



Both photos show the erosion controls associated with the 115kV work are still in need of repair due to the previous flood damage. Good perimeter controls should be installed for the station work. 10/19/05



Photo on the left shows a view of inlet associated with a paved swale on site that leads to the wetlands. Photo on the right shows a view of the paved swale and adjacent stockpiles. Sediment control measures are needed here. 10/19/05