

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: September 29, 2005

Inspector: Don Ukers

Location: Transition Stations (Hoyts Hill, Archers Lane)

Storm/

Rain Event: The area received several smaller rain events between 0.23-0.42” on 9/26 and between 0.13-0.45” on 9/29 as reported by NOAA.

Areas of Inspection	Observation	Recommended Action
Access Roads and Adjacent Roadways	<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. 9/29/05</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. 9/15-9/29/05</p> <p>- The access road is much smoother and graded and work is ongoing to reduce the grade into the transition site. 9/29/05</p> <p>- The access road to the ROW past the station remains in good shape with the process stone/stone dust. 9/29/05</p>	<p>-Monitor any sediment tracking issues and determine if a pad may be necessary. 9/15-9/29/05</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. 9/15-9/29/05</p> <p>- Use of this portion of the access road is shared by the overhead and transition station segments of the project. 9/29/05</p>
Foundation construction	<p>- At Hoyts Hill, there continues to be observable progress on the retaining wall and infrastructure, including significant backfill to grade.</p>	<p>-None at this time.</p>

Areas of Inspection	Observation	Recommended Action
	<p>9/29/05</p> <p>-A drainage pipe along the bottom of the wall will outlet on the opposite side of the station than it was originally designed to avoid daylighting near the stream here. 9/7-9/29/05</p> <p>- No foundation work has begun at Archers Lane although blasting continues in the station site and the access road to bring the site to grade. Large boulders created by the blasting are being stockpiled. 9/15-9/29/05</p>	<p>- The design change appears to work well and will avoid some potential impacts. Actual work on this piece is not completed yet. 9/7-9/29/05</p> <p>- None at this time. 9/15-9/29/05</p>
<p>Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)</p>	<p>-Hoyts Hill: The perimeter and internal silt fence remains in good condition. One spot at the end of the northern perimeter could use some maintenance but does not receive much of the stormwater volume. 9/29/05</p> <p>- Archers Lane: A portion of silt fence along the access road has been pushed down due to the wayward material. Once permission is obtained, materials will be pulled back and the fence restored. 9/15-9/29/05</p> <p>-The overhead/ROW crew extended silt fence controls along the access into the ROW. 9/29/05</p>	<p>-Continue to monitor the controls and be proactive in repair as necessary and continue to use the fence as the limit of work line. Repair this portion when feasible. 9/29/05</p> <p>- Make necessary repairs as planned. Continue to monitor the area and be proactive in maintenance of the erosion controls, especially in areas with wetland immediately adjacent. 9/29/05</p> <p>- None at this time. 9/29/05</p>
<p>Inland Wetland and Watercourse encroachment and mitigation</p>	<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. 7/22-9/29/05</p> <p>- Vegetation continues to return well here. 9/15-9/29/05</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. 9/29/05</p>

Areas of Inspection	Observation	Recommended Action
	<p>Archers Lane: The low spot/wetland crossing on the access road has been placed with large stone and geotextile fabric as is presented in the D&M plan for the overhead line work. This road is now under the jurisdiction of the overhead work. 9/21-9/29/05</p>	<p>- Continue to maintain silt fence adjacent to the wetland here. 9/29/05</p>
<p>State species of concern, threatened and endangered species</p>	<p>- No species of concern are located in these areas of construction.</p>	<p>- N/A</p>
<p>Vegetative clearing limits (including trees to save or danger trees noted)</p>	<p>-Hoyts Hill: Construction of retaining walls and backfill are currently ongoing in the previously cleared station area. 9/7-9/29/05</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. 9/15-9/29/05.</p>	<p>-None at this time. In general limit clearing to those areas necessary. 9/29/05</p> <p>-None at this time. In general, keep clearing within the limits of the work. 9/29/05</p>
<p>Dewatering</p>	<p>- At Hoyts Hill, the dewatering corral is completed with a filter bag surrounded by haybales within the silt fence. 8/19-9/29/05 It was not receiving water at the time of the inspection. 9/29/05</p> <p>- No dewatering has been necessary yet at Archers Lane. 9/29/05</p>	<p>-Keep watch on the filter bag when in active use. 9/29/05</p> <p>- None at this time. 9/29/05</p>
<p>Blasting</p>	<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. Drilling was still occurring in preparation for more blasts. 9/15-9/29/05</p>	<p>- Materials are mostly well contained and the extraneous rock/sediment will be moved appropriately when permission is granted. 9/15-9/29/05</p>
<p>Spills and Material Storage</p>	<p>- No further drips or leaks were noted at the time of the inspection. 9/29/05</p>	<p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they</p>

Areas of Inspection	Observation	Recommended Action
		will be used or stored on site
Spills and Material Storage		- Report spills immediately, even if they are being controlled. - 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.
Additional Observations	- Work is scheduled to begin at Norwalk Junction in the near future.	

Next likely scheduled inspection: Wednesday October 5, 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 Don Ukers



Hoyts Hill Transition Station: View of the ongoing construction of the infrastructure of the station including backfilling to grade. (9/29/05)



The end of the northern edge of silt fence needs some minor maintenance when feasible. (9/29/05)



Archers Lane Transition Station: The photo on the left shows the area into the site where blasting and grading have continued. Photo on the right shows the access road leading past the station to the ROW. Erosion controls were extended along the path here. (9/29/05)



Overall view of the station site following continuing blasting and earthwork. (9/29/05)