

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: January 19, 2005

Inspector: Diana Walden

Location: 345kV XLPE Component

Storm/

Rain Event: Approximately 1.97" of precipitation fell mostly in the form of rain over 1/13-1/14 with another 1.10" on precipitation on 1/18 as reported by NOAA.

Areas of Inspection	Observation	Recommended Action
Access Roads and Adjacent Roadways	<ul style="list-style-type: none"> -The only component of this project currently active is the preparation for a jack and bore of East Swamp Brook located at the intersection of Plumtrees Rd. Walnut Hill Rd. and Whittlesey Dr. 11/23-1/19/06. - A pad has been constructed off Whittlesey and Plumtrees Rd. for the bore pit. 11/23-1/19/06 - The receiving pit is being constructed at a pull-off adjacent to Walnut Hill Rd. 1/19/06 	<ul style="list-style-type: none"> -The rains caused run-off from the stockpile in the vicinity of the road. Sediment was migrating to the roadway and the adjacent catch basins now need to be placed with controls. See erosion control section. 1/19/06. -Monitor any tracking issues to the roadways. 1/19/06
Trench and foundation construction	<ul style="list-style-type: none"> - The bore pit excavation and sheet piling/shoring is still present. 1/19/06 - Installation of sheet piling/shoring has also begun on the opposite side of the intersection. 1/19/06 	<ul style="list-style-type: none"> - The rains created some sediment issues, stemming mostly from the stockpile. 1/19/06. - See erosion control section for recommendations here. 1/19/06
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<ul style="list-style-type: none"> -The plastic covering slipped off the stockpile on site due to the heavy rains. Sedimentation was noted over the downed silt fence here and it entered the street to some degree. 1/19/06 	<ul style="list-style-type: none"> - Repair and toe in the silt fence if feasible. If not, install haybales. Repair the plastic covering and secure it to reduce runoff. 1/19/06

Areas of Inspection	Observation	Recommended Action
	<p>-Two catch basins are located along the road here and control measures need to be installed to prevent sedimentation. 1/19/06</p> <p>- The silt fence adjacent to the river still appears to be well in place but natural run-off has created a small gap. 1/4-1/19/06</p> <p>-Work had started on the receiving side and sheet piling was being installed. Some soil disturbance had occurred without silt fence in place. 1/19/06</p>	<p>- Fabric or silt sacks in the grate will likely be more appropriate than haybales in this situation. It is also better to control the sediment at the source. 1/19/06</p> <p>- Attempt to toe this spot back-in or place a haybale here. 1/12-1/19/06</p> <p>- Install and maintain silt fence on this side of the operation as well. 1/19/06</p>
Inland Wetland and Watercourse encroachment and mitigation	-East Swamp Brook crosses under Plumtrees Rd. and is located to the east of the pad. The stream was clear at this time. 1/19/06	- None at this time.1/19/06
State species of concern, threatened and endangered species	-The D&M plan and clearance letter states that state-listed species are not located in this work area.	- N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-Some herbaceous and low woody vegetative cover was removed in order to construct the pad. 11/23-1/19/06</p> <p>- Some brush was moved but major clearing was not needed for the receiving side at this time due to the pull-off with low vegetative growth. 1/19/06</p>	<p>- Clearing was limited to what is necessary and it will continue to be monitored. 1/19/06</p>
Dewatering	-Dewatering is was not observed at this time. 1/19/06.	-None at this time. 1/19/06.
Blasting	- No blasting is occurring at this work area.	- None at this time.

Areas of Inspection	Observation	Recommended Action
Spills and Material Storage	<ul style="list-style-type: none">- A small potential leak spot was noted under the crane last week. This may also have just been carbon dust from the exhaust. We just need to confirm that this was checked. 1/12-1/19/06. - Equipment was in place at the receiving pit immediately adjacent to the stream. Equipment should be stored overnight up to 100ft or as far from resource areas where practicable. 1/19/06	<ul style="list-style-type: none">- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site.- The contractors should remain vigilant about securing and handling fuel and all other material containers due to the sensitivity of the area.- Report spills immediately, even if they are being controlled.- Any fuels and agents not in use should be covered and stored before leaving for the day.

Next likely scheduled inspection: Thursday, January 26, 2006

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



345kV XLPE (Jack and Bore): Photo on the left shows where the plastic covering slipped off the stockpile and sediment migrated into the roadway. The fence needs to be righted and repaired and haybales should be placed if the fence cannot be toed. Catch basins need controls installed.



Photo on the left shows work beginning on the receiving pit on the opposite side of the intersection. Equipment was left overnight immediately on the bank of the river. Machinery should be moved back from resource areas when there are alternatives. Photo on the right shows the beginning of sheet piling installation here. 1/19/06