

Docket No. 272 – Development and Management Plan Inspection

The Connecticut Light and Power Company Certificate of Environmental Compatibility and Public Need for the construction of a new 345-kV electric transmission line and associated facilities between Scovill Rock Switching Station in Middletown and Norwalk Substation in Norwalk, Connecticut, including reconstruction of portions of existing 115-kV and 345-kV electric transmission line, the construction of Beseck Switching Station in Wallingford, East Devon Substation in Milford, (and Singer Substation in Bridgeport), modifications at Scovill Rock Switching Station and Norwalk Substation, and the reconfiguration of certain interconnections.

Norwalk Substation

Date: June 20, 2008

Inspector: Gregory Sommer

Location: Norwalk Substation - 50 New Canaan Avenue, Norwalk, CT

Rain Event: 1.97” of precipitation was reported since the previous inspection, with the largest events of 0.72” and 0.67” recorded on 6/16 and 6/18 respectively (Bridgeport, CT NOAA data).

Areas of Inspection	Observation	Recommended Action	Corrected Action
Access Roads and Adjacent Roadways	A paved driveway is located off of New Canaan Avenue (Route 123) and provides access to the substation and work area. The Route 7 exit ramp may also be used to temporarily access the site. The yard is covered in trap rock, traffic appears minimal, and tracking was not an issue 6/20/08	Contractor stated that the temporary construction entrance that was indicated on the D&M plan had been in place but has since been removed. Continue to monitor the roadway. 6/20/08	Continue to monitor.
Active Construction	Electrical connection and tie-in work was on going. New electrical equipment was being installed and additional formwork was also being placed. 6/20/08	None. 6/20/08	Not Applicable (NA)
Erosion and Sediment Controls	Most of the earthwork appears to be complete and trap rock remains over the surfaces of the sub-station. There does not appear to be a high potential for erosion or impact to adjacent resource areas. Some soil is exposed during minor	Continue to monitor the area for potential erosion/sedimentation. Contractor stated that silt fence had been in place at the yard perimeter during the majority of civil -site work but has since been removed. 6/20/08	Continue to monitor.

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p>excavation. 6/20/08</p> <p>Catch basin/inlets are present in the yard that outlet to the Norwalk River. Watch placement of stockpiles or exposed soil. 6/20/08</p>	<p>Protect inlets with controls or place controls at base of stockpiles if necessary. 6/20/08</p>	<p>Needs evaluation.</p>
<p>Inland Wetland and Watercourse Encroachment and Mitigation</p>	<p>The project site is located within the existing Norwalk Substation. There is no anticipated impact to the Norwalk River. 6/20/08</p>	<p>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur. 6/20/08</p>	<p>NA</p>
<p>Staging, Storage, and Parking Areas</p>	<p>Vacant space within the substation yard is being used as the staging area for materials, equipment, parking, and portable sanitary facilities. 6/20/08</p>	<p>In general, avoid placing sanitary facilities or storing equipment within 100 feet to the Norwalk River or within the stream channel encroachment line. 6/20/08</p>	<p>NA</p>
<p>Soils</p>	<p>The undisturbed portion of the substation yard surface is presently covered with trap rock or crushed stone. 6/20/08</p>	<p>Continue to monitor the site and provide appropriate controls prior to any soil disturbance. See Material Storage section regarding stockpiles. 6/20/08</p>	<p>NA</p>
<p>State species of concern, threatened and endangered species.</p>	<p>According to the D&M plan, state-listed species are not located in this work area. 6/20/08</p>	<p>None. 6/20/08</p>	<p>NA</p>
<p>Vegetative clearing (including trees to save or danger trees noted) or stabilization</p>	<p>All work is within the limits of the substation and there is no vegetation within said limits. Some clearing of landscaped materials was required for Seg 4C tie-in work. 6/20/08</p>	<p>None. Work out responsibility between contractors to restore the landscaped materials. 6/20/08</p>	<p>NA</p>
<p>Dewatering</p>	<p>Dewatering was not observed at the time of the inspection. 6/20/08</p>	<p>Continue to properly contain/ filter discharge water when dewatering is required. 6/20/08</p>	<p>NA</p>

Areas of Inspection	Observation	Recommended Action	Corrected Action
Spills and Material Storage	<p>Equipment appeared to be appropriately stored. 6/20/08</p> <p>Several stockpiles of material were observed without appropriate containment immediately at their base but they were located within the yard and surrounded with trap rock. 5/8-6/20/08 However, catch basins/inlets that drain to the River are present in the yard and need to be monitored. 6/20/08</p>	<p>In general, provide regular equipment checks and repair any drips or leaks as soon as they are observed. 6/20/08</p> <p>Provide adequate containment around temporary material stockpiles or cover the material with tarps. 5/8-6/20/08</p> <p>Consider controls in the inlets if controls are not used at the base of stockpiles. 6/20/08</p>	<p>NA</p> <p>Needs evaluation.</p>
Additional Observations	None. 6/20/08	None. 6/20/08	NA

Next likely scheduled inspection:

Friday June 27, 2008

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.

Field Inspector: Gregory Sommer, BSC Group

Reviewer: Diana Walden, BSC Group



Electrical connection and tie-in work continues inside the substation.



Crews were on-site preparing to pull cable and place additional equipment.



Additional electrical equipment was being placed inside the substation.



Crews were placing formwork in preparation for additional equipment foundations.