

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: May 8, 2008

Inspector: Gregory Sommer

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

Rain Event: 0.27" of precipitation was reported since the previous inspection, with 0.20" of the total recorded on 5/2(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. Trap rock is in place on the majority of surfaces in the substation yard. A construction entrance is not in place, but currently traffic into and out of the site appears minimal and tracking was not an issue. 5/8/08	Install a temporary construction entrance as indicated on the D&M plan to reduce sediment tracking during construction or evaluate whether trap rock is sufficient. 4/24-5/8/08	Needs attention: No tracking issues noted but D&M plan indicates a construction entrance would be installed.
Active Construction	Formwork has been constructed within the Norwalk substation. Crews were installing rebar prior to the placement of the concrete slab. 5/8/08	None. 5/8/08	Not Applicable (NA)
Erosion and Sediment Controls	Geotextile silt fence has not yet been installed around the work zone, however trap rock remains on the majority	Install geotextile silt fence around the perimeter of the work zone as indicated on the D&M Plan. Continue to	Needs attention: No sediment issues noted but D&M plan indicates silt fence (or haybales) would be

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	of surfaces of the substation and there does not appear to be a high potential for erosion or impact to adjacent resource areas. 5/8/08	monitor the area for potential erosion/ sedimentation. 5/1-5/8/08	installed prior to earth disturbance.
Inland Wetland and Watercourse Encroachment and Mitigation	The project site is located within the existing Norwalk Substation. There is no anticipated impact to the Norwalk River. 5/8/08	Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur. 5/8/08	NA
Staging, Storage, and Parking Areas	Vacant space within the substation yard is being used as the staging area for materials, equipment, parking, and portable sanitary facilities. 5/8/08	In general, avoid placing sanitary facilities or storing equipment within 100 feet to the Norwalk River or within the stream channel encroachment line. 5/8/08	NA
Soils	The undisturbed portion of the substation yard surface is presently covered with trap rock or crushed stone. Soil becomes exposed/ disturbed during foundation installation. 5/8/08	In general, continue to phase soil exposure until active work requires. 5/8/08	NA
State species of concern, threatened and endangered species.	According to the D&M plan, state-listed species are not located in this work area. 5/8/08	None. 5/8/08	NA
Vegetative clearing (including trees to save or danger trees noted) or stabilization	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. 5/8/08	None. Work out responsibility between contractors to restore the landscaped materials. 5/8/08	NA
Dewatering	Dewatering was not observed at the time of the inspection. 5/8/08	Continue to properly contain/ filter discharge water when dewatering is required. 5/8/08	NA

Areas of Inspection	Observation	Recommended Action	Corrected Action
Spills and Material Storage	<p>Equipment appeared to be appropriately stored. 5/8/08</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. 5/8/08</p>	<p>In general, provide regular equipment checks and repair any drips or leaks as soon as they are observed. 5/8/08</p> <p>Provide adequate containment around temporary soil stockpiles. 5/8/08</p>	<p>NA</p> <p>Needs evaluation.</p>
Additional Observations	None. 5/8/08	None. 5/8/08	NA

Next likely scheduled inspection:

Thursday May 15, 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



Formwork has been installed within the Norwalk Substation yard and crews were placing and tying rebar at the time of the inspection.



Several material stockpiles were observed within the Norwalk Substation without proper containment immediately at their base. Crushed rock remains over most surfaces of the yard and there did not appear to be any sediment issues related to the stockpiles.