

**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:** August 14, 2008

**Inspector:** Lennox Keen

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

**Rain Event:** 1.76" of precipitation was reported since the previous inspection, with the largest event of 1.43" recorded on 8/7 (Bridgeport, CT NOAA data).

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
<b>Access Roads and Adjacent Roadways</b>	<b>A paved driveway is located off of New Canaan Avenue (Route 123) and provides access to the substation and work area. Trap rock is in place on the majority of surfaces in the substation yard; tracking was not an issue. 8/14/08</b>	<b>None. 8/14/08</b>	<b>Not Applicable (NA)</b>
<b>Active Construction</b>	<b>Electrical connection/ tie-in work was ongoing at the time of the inspection. Crews were also re-setting the concrete retaining wall. 8/14/08</b>	<b>None. 8/14/08</b>	<b>NA</b>
<b>Erosion and Sediment Controls</b>	<b>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. 8/14/08</b>	<b>Continue to monitor the area for potential erosion/ sedimentation. Install geotextile silt fence around the perimeter of the work zone as indicated on the D&amp;M Plan prior to the disturbance of any soil. 8/14/08</b>	<b>NA</b>
	<b>Catch basin/inlets are present in the yard that</b>	<b>Continue to protect inlets with controls or place</b>	<b>NA at this time</b>

<b>Areas of Inspection</b>	<b>Observation</b>	<b>Recommended Action</b>	<b>Corrected Action</b>
	<b>outlet to the Norwalk River. Silt fence remains in place around the existing soil stockpiles. 8/14/08</b>	<b>controls at base of stockpiles if necessary. If stockpiles are moved or new ones added, extend controls. 8/14/08</b>	
<b>Inland Wetland and Watercourse Encroachment and Mitigation</b>	<b>The project site is located within the existing Norwalk Substation. There is no anticipated impact to the Norwalk River. 8/14/08</b>	<b>Monitor resource areas to ensure that non-permitted encroachment or impacts do not occur. 8/14/08</b>	<b>NA</b>
<b>Staging, Storage, and Parking Areas</b>	<b>Vacant space within the substation yard is being used as the staging area for materials, equipment, parking, and portable sanitary facilities. 8/14/08</b>	<b>In general, avoid placing sanitary facilities or storing equipment within 100 feet to the Norwalk River or within the stream channel encroachment line. 8/14/08</b>	<b>NA</b>
<b>Soils</b>	<b>The undisturbed portion of the substation yard surface is presently covered with trap rock or crushed stone. 8/14/08</b>	<b>Continue to monitor the site and provide appropriate controls prior to any soil disturbance. 8/14/08</b>	<b>NA</b>
<b>State species of concern, threatened and endangered species.</b>	<b>According to the D&amp;M plan, state-listed species are not located in this work area. 8/14/08</b>	<b>None. 8/14/08</b>	<b>NA</b>
<b>Vegetative clearing (including trees to save or danger trees noted) or stabilization</b>	<b>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. 8/14/08</b>	<b>None. Work out responsibility between contractors to restore the landscaped materials. 8/14/08</b>	<b>NA</b>
<b>Dewatering</b>	<b>Dewatering was not observed at the time of the inspection. 8/14/08</b>	<b>Continue to properly contain/ filter discharge water when dewatering is required. 8/14/08</b>	<b>NA</b>
<b>Spills and Material Storage</b>	<b>Equipment appeared to be appropriately stored. 8/14/08</b>	<b>In general, provide regular equipment checks and repair any drips or leaks as soon as they are observed. 8/14/08</b>	<b>NA</b>
	<b>Silt fence remains in place</b>	<b>Continue to provide</b>	<b>NA at this time.</b>

Areas of Inspection	Observation	Recommended Action	Corrected Action
	<p><b>to contain several soil stockpiles and the remaining surface of the yard is covered with trap rock. Catch basins/inlets that drain to the River are present in the yard and need to continue to be monitored. 5/8-8/14/08</b></p>	<p><b>adequate containment around temporary material stockpiles or cover the material with tarps. Adjust controls if stockpiles are moved or extended. 5/8-8/14/08</b></p>	
<p><b>Additional Observations</b></p>	<p><b>None. 8/14/08</b></p>	<p><b>None. 8/14/08</b></p>	<p><b>NA</b></p>

**Next likely scheduled inspection:** Thursday August 21, 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:** Lennox Keen, BSC Group

**Reviewer:** Diana Walden, BSC Group



**Electrical tie-in work continues inside the substation. Pre-cast concrete retaining wall was being reset on the outside of the substation.**