

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 15, 2005

Inspector: Brian Sakidovitch

Location: Norwalk Substation Expansion

Storm/

Rain Event: The area received a rain event with localized amounts between 0.45" and up to 1.05" as reported by NOAA. Totals may be more or less depending on location.

| Areas of Inspection | Observation | Recommended Action |
|--|--|---|
| Access Roads and Adjacent Roadways | <p>- Vegetation is growing within the inlet near the Route 7 ramp which helps filter sediment. Silt fence is still partially collapsed and the surrounding stone also helps to filter. The area seems fairly stable. 8/19-9/15/05</p> <p>-Some excavation was occurring in the area of the New Canaan Ave sidewalk to locate a telephone line. 9/15/05</p> | <p>-The area should continue to be monitored to some degree but sediment is being filtered well by the stone and new growth. The silt fence could even be removed with the stone in place. 9/15/05</p> <p>- The trench was fairly well contained. 9/15/05</p> |
| Foundation construction | <p>-A caisson had been drilled at the northern end of the sub-station in the ROW. 8/25/05</p> <p>- Active work was located at the northern portion of the yard to pull cable. 9/15/05</p> | <p>- Continue to maintain associated erosion control until the area revegetates. 8/25-9/15/05</p> <p>- All excavation and backfill work is well within the yard and areas are contained, no issues at this time. 9/15/05</p> |
| Erosion and Sediment Controls (includes inspection within 24 hours of a storm event) | <p>-The channel slopes have recently been reseeded as recommended and will be monitored for success of revegetation. 9/15/05.</p> | <p>-The remaining bare soil areas from the original attempt to revegetate will be monitored for growth and cover. 9/15/05</p> |

| Areas of Inspection | Observation | Recommended Action |
|--|---|--|
| Erosion and Sediment Controls continued | <p>- A recent downpour in the area left puddles of standing water. Sedimentation was also observed from the access road from the Rt. 7 ramp to the vegetated perimeter swale 9/15/05</p> <p>-New stone stockpiles were observed adjacent to the GIS building. 9/15/05</p> <p>- Large amounts of stormwater from the Rt. 7 ramp as well as portions of the perimeter of the site continue to flow to the inlet but the vegetation and stone aid filtration. 8/19-9/15/05</p> | <p>- Sedimentation and gravel was contained within the swale. Continue to monitor area until final stabilization. 9/15/05</p> <p>- None at this time, the stone is well within the site. 9/15/05</p> <p>- Continue to monitor the area and the silt fence could be removed as the stone is now in place. 9/15/05</p> |
| Inland Wetland and Watercourse encroachment and mitigation | <p>-Work to install a structure near the wetlands and river is scheduled to begin in the next few weeks. Materials for the work are being stockpiled on site. 9/7-9/15/05</p> | <p>-None at this time. Continue to monitor.</p> |
| State species of concern, threatened and endangered species | <p>- No species of concern are located in this area of construction.</p> | <p>- N/A</p> |
| Vegetative clearing limits (including trees to save or danger trees noted) | <p>- The bare areas of soil along the overflow channel slopes have recently been seeded. 9/15/05</p> | <p>- Most areas along the retaining wall and channel are well vegetated and the seeded areas will be monitored. 9/15/05</p> |
| Dewatering | <p>- No dewatering was noted at this time. 9/15/05</p> | <p>-None at this time. 9/15/05</p> |
| Blasting | <p>- No blasting is occurring on site at this time and it is not anticipated to be necessary.</p> | <p>- None at this time.</p> |
| Spills and Material Storage | <p>- The open container of material noted last week had been closed following the inspection. 9/15/05</p> | <p>In general:</p> <p>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they</p> |

| Areas of Inspection | Observation | Recommended Action |
|---------------------------------------|---|---|
| Spills and Material Storage continued | - No other drips or leaks were noted on the site at the time of inspection. 9/15/05 | <p>will be used or stored on site.</p> <ul style="list-style-type: none"> - The contractors should remain vigilant about securing and handling fuel and all other material containers due to the sensitivity of the area. - Report spills to the office immediately, even if they are being controlled. - Take care not to get carried away and to be vigilant when refueling. - All fuels and agents not in use should be covered and stored in the sheds and trailers before leaving for the day. |
| Additional Observations | | |

Next likely scheduled inspection:

Wednesday, September 21, 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 Brian Sakidovitch

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 15, 2005

Inspector: Don Ukers

Location: Plumtree Substation Expansion, Bethel

Storm/

Rain Event: The area received a rain event with localized amounts between 0.45" and up to 1.05" as reported by NOAA. Totals may be more or less depending on location.

| Areas of Inspection | Observation | Recommended Action |
|---|---|---|
| Access Roads | - No new access roads have been constructed at this time 9/15/05 | - None at this time. |
| Foundation construction | -The remaining work is mostly electrical and within the control house. 6/15-9/15/05 - Some steel structures have been removed to provide room for new structures that were being installed off the pad. Concrete footings remain. 9/15/05 | - The areas are all contained at this time. 4/6-9/15/05 - Open excavations were not observed at this time. 9/15/05 |
| Erosion and Sediment Controls (includes inspection within 24 hours of a storm event) | - Although no silt fence is in place, the perimeter stone berm continues to work well to control the yard. 9/15/05 | -All stockpiles are well-contained and the berm is working effectively at this time. 9/15/05 |
| | - The small remaining piles of sand/soil are not covered in plastic but are well within the site. 3/2-9/15/05 | -Continue to monitor status and cover stockpiles with plastic if necessary. 3/2-9/15/05 |
| Inland Wetland and Watercourse encroachment and mitigation | - Wetlands are located around the outskirts of the substation yard. The work within the substation yard has caused no observed sedimentation. 9/15/05 | - The stone berm around the perimeter of the yard continues to prevent sedimentation and water from leaving the site and getting to the wetland edge. 9/15/05 |

| Areas of Inspection | Observation | Recommended Action |
|--|---|---|
| State species of concern, threatened and endangered species | <ul style="list-style-type: none"> -The sand pile has been surrounded with safety fence but there seems to be little evidence of a valid nest at this point. 8/19-9/15/05 - The pile may be removed within the next week. 9/15/05 | <ul style="list-style-type: none"> - Everyone at the substation also remains aware and will move machinery carefully in case the individual turtle returns. We will continue to monitor the nest but it does not appear to be valid at this time. 9/15/05. |
| Vegetative clearing limits (including trees to save or danger trees noted) | <ul style="list-style-type: none"> - No vegetation outside of the substation yard will need to be cleared during the expansion work. | <ul style="list-style-type: none"> - N/A |
| Dewatering | <ul style="list-style-type: none"> - No dewatering was noted at the time of inspection. 9/15/05 | <ul style="list-style-type: none"> - None at this time. |
| Blasting | <ul style="list-style-type: none"> - No blasting is occurring on site at this time. | <ul style="list-style-type: none"> - None at this time. |
| Spills and Material Storage | <ul style="list-style-type: none"> - No leaks or drips had been noted at the site at the time of inspection. 9/15/05 | <ul style="list-style-type: none"> - The contractors should remain vigilant about securing and handling fuel containers. - Keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site. Check equipment status on a regular basis. - Report spills to the office immediately, even if they are being controlled. |
| Additional Observations | <ul style="list-style-type: none"> - Heavy rains had recently come through the area but the perimeter berm continues to retain water to the site. 9/15/05 | |

Next likely scheduled inspection:

Wednesday, September 21, 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