



Consolidated Edison Company
of New York, Inc.
4 Irving Place
New York, NY 10003
www.coned.com

October 15, 2009

Via E-Mail and U.S. Mail

Mr. Corey Strub
New York State Department of Public Service
Environmental Compliance Office
Three Empire State Plaza
Albany, NY 12223

**Subject: PSC Case 06-T-0710: M29 Transmission Line Project
Consolidated Edison Company of New York, Inc.
Construction Field Report No. 23**

Dear Mr. Strub:

In accordance with Ordering Paragraphs 20 and 32 of the M29 Transmission Line Project (the "Project") Article VII Certificate ("Certificate") and Section 14.7 of the approved Environmental Management & Construction Plan ("EM&CP") for the Project, this report summarizes the Project's construction activities and environmental and related compliance efforts from September 1 through September 30, 2009. Through the end of September, Project work continued at the Academy and Sprain Brook Substation sites and along the M29 transmission line route.

OVERVIEW OF COMPLIANCE DURING REPORTING PERIOD

Academy Substation Site:

- ◆ There are no compliance issues or incidents to report during this period.

Sprain Brook Substation:

- ◆ There are no compliance issues or incidents to report during this period.

Transmission Feeder Route:

- ◆ Based upon the evaluation of sampling results of testing performed on the dates identified below, Con Edison determined that treated water discharged to the Harlem River from tunnel shaft construction had exceeded certain SPDES permit limits at both the Bronx and Manhattan locations.
 - September 2: exceeded zinc and copper action levels by 0.094 ppm and 0.379 ppm, respectively (Manhattan) and by 0.094 ppm and 0.059 respectively (Bronx).
 - September 16: exceeded the zinc action level (Bronx only) by 0.014 ppm.
 - September 30: exceeded the mercury action level (Manhattan only) by 0.08 ppt.

The NYSDEC was promptly notified and short-term high-intensity monitoring for the parameters began in accordance with the Project's SPDES permit terms and conditions. The results of all short-term monitoring confirmed ongoing permit compliance for both copper and zinc. The results for the short-term mercury monitoring have not yet been received. There are no additional compliance issues or incidents to report during this period.

DAILY INSPECTION REPORTS ("DIR") AND WEEKLY INSPECTION REPORTS ("WIR")

Academy Substation Site:

- WIRs and DIRs/Contractor Field Observation Reports ("CFOR") were completed and logged from September 1 through September 30, 2009.

Sprain Brook Substation:

- WIRs and DIRs/Contractor Field Observation Reports ("CFOR") were completed and logged from September 1 through September 30, 2009.

Transmission Feeder Route:

- WIRs and DIRs/Contractor Field Observation Reports ("CFOR") were completed and logged from September 1 through September 30, 2009.

PROJECT ACTIVITIES COMPLETED OR ONGOING THIS REPORTING PERIOD

- Updates on Project progress can be viewed at Con Edison's M29 Project website (<http://www.coned.com/publicissues/M29.asp>)
- In September, Con Edison received three (3) emails and two (2) telephone calls from the community, either requesting information regarding the Project or commenting on the website.
- The Project Liaison received notice of several concerns raised during the reporting period associated with (i) a damaged water main near the M29 Project; and (ii) a question regarding construction on Broadway and West 211th Street. Resolutions of these concerns were or are being addressed as follows: (i) Con Edison investigated and concluded that the damages were not caused by the M29 Project; and (ii) the

construction on Broadway is being performed by the MTA; Con Edison will mill and pave the roadway once the MTA construction is complete.

Academy Substation Site:

- ◆ Continued maintenance of the storm water pollution prevention measures around the perimeter of the Academy Substation site.
- ◆ Continued adjustments of GIS steel supports and trough steel in switchgear floor.
- ◆ Continued installation of permanent stair railings throughout the building.
- ◆ Continued installation of domestic water and sanitary piping
- ◆ Completed installation of hot water heater and eye wash stations, shower cabinets and mop sink for the second floor lavatories.
- ◆ Continued installation of dielectric fluid pipe on first floor.
- ◆ Continued installation of HVAC ductwork, fire smoke dampers and duct wrap insulation.
- ◆ Continued installation of permanent light fixtures, exit lights, receptacles and toggle switches throughout building.
- ◆ Continued to install copper grounding bar throughout the building.
- ◆ Began installation of fire suppression pipe in feeder area and fire pump room.
- ◆ Began installation of roof steel in transformer and PAR vaults.
- ◆ Began installation of electric unit heaters throughout building.
- ◆ Began to paint relay rooms, battery rooms, communication rooms, and switchgear area.

Sprain Brook Substation:

- ◆ Completed installation of grating platform and handrails on existing circuit breaker C3 pad.
- ◆ Removal of the sediment and erosion controls from remaining soil-disturbed areas and completed final stabilization.
- ◆ With the completion of these activities, no further NYSDEC-mandated inspections pursuant to the Project's NYSDEC construction general permit are required for this segment of the Project. A written status update advising of the completion of this segment work was provided to the City of Yonkers.

Transmission Feeder Route:

- ◆ Harlem River Tunnel
 - Continued maintenance of the storm water pollution prevention measures around the perimeter of the sites.
 - Completed the installation of reinforcing steel in the arch of the tunnel.
 - Completed the placement of concrete for the final concrete liner in the arch of the tunnel.
 - Continued rock excavation utilizing mechanical and drill and blast methods.
 - Continued the installation of initial rock support in the shaft utilizing rock bolts and shotcrete.
 - Continued monitoring of geotechnical equipment.

- Continued excavation and transport of non-hazardous industrial solid waste (“NHISW”), construction and demolition (“C&D”) debris from the sites.
- ◆ Manhattan
 - None.
- ◆ Bronx
 - None.
- ◆ Yonkers (South)
 - Completion of gas relocation and restoration work on Nepperhan Avenue between Orchard Place and Oneida Street.
 - Excavation, piping installation, and backfilling are approximately 55% complete.
- ◆ Yonkers (North)
 - Excavation, piping installation, and backfilling are approximately 52% complete.

PLANNED PROJECT ACTIVITIES THROUGH OCTOBER 31, 2009

Academy Substation Site:

- ◆ Continue maintenance of the storm water pollution prevention measures around the perimeter of the Academy Substation site.
- ◆ Place concrete floor slab in switchgear room.
- ◆ Continue installation of permanent stair railings throughout the building.
- ◆ Continue installation of HVAC duct, fans and fire smoke dampers in second floor control room, relay, rectifier, battery, and communication rooms.
- ◆ Continue installation of copper grounding bar throughout the building.
- ◆ Continue installation of pressurized oil piping to pressurization plant.
- ◆ Continue installation of fire suppression piping in fire pump room.
- ◆ Continue installation of permanent light fixtures, exit signs, receptacles and toggle switches throughout the building.
- ◆ Continue installation of roof steel in transformer and PAR vaults.
- ◆ Continue painting throughout building.
- ◆ Continue installation of electrical conduits for HVAC, BMS and Fire Alarm Systems.
- ◆ Begin installation of carpentry work in bathrooms.

Sprain Brook Substation:

- ◆ None.

Transmission Feeder Route:

- ◆ Harlem River Tunnel:
 - Continue maintenance of the storm water pollution prevention measures around the perimeter of the sites.
 - Begin the installation of FRE conduits and associated concrete slab.
 - Begin the application of smoothing shotcrete at both shafts.
 - Begin the installation of the waterproofing membrane system at the Manhattan shaft.

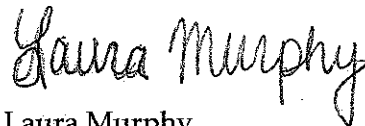
- Complete the excavation of rock in the Bronx shaft.
- Complete the installation of initial rock support in the Bronx shaft.
- Continue monitoring of geotechnical equipment.
- Continue excavation and transport of C&D debris from the sites.
- ◆ Manhattan:
 - None.
- ◆ Bronx:
 - None.
- ◆ Yonkers (South):
 - Continue excavation of soil, installation of feeder piping, and backfilling.
 - Additional gas work on Old Nepperhan Avenue may be required.
- ◆ Yonkers (North):
 - Continue excavation of soil, installation of feeder piping, and backfilling.

CHANGES

- None.

If you have any questions on this report, please feel free to contact me directly. My phone number is 347-234-0301.

Very truly yours,



Laura Murphy
Chief Construction Inspector
Substation & Transmission Construction

cc: David G. Drexler, Esq. (NYS DPS)
Mr. Ken Franco (NYSDOT)
Mr. Joseph Condon (NYSDOT)
William Plache, Esq. (City of New York)
Mr. Joseph Noto (NYC DOT)
Mr. Kevin Roseman (Westchester County Dept. of Public Works)
Mr. Richard Stiller (Westchester County DOT)
Mr. Joseph Rachiele (City of Yonkers Dept. of Engineering)
Mr. Martin Collins (Manhattan Community Board 12)
Mr. Anthony Perez Cassino (Bronx Community Board 8)
Hon. Eric T. Schneiderman
Hon. Adriano Espaillat
Hon. Jeffrey Dinowitz
Hon. G. Oliver Koppell
Hon. Robert Jackson
Hon. Scott Stringer
Hon. Charles Lesnick
Hon. Patricia McDow
Hon. Jeffrey D. Klein
Hon. Ruben Diaz, Jr.

Mr. James Shannon (Con Edison)
Jeffrey L. Riback, Esq. (Con Edison)
Ms. Mayra Linares (Con Edison)