

**PSEG LONG ISLAND LLC**  
**on Behalf of and as Agent for the**  
**LONG ISLAND LIGHTING COMPANY d/b/a LIPA**

**Southampton to Deerfield Transmission Project**

**ENVIRONMENTAL MANAGEMENT AND CONSTRUCTION PLAN**

**Appendix O**  
**Quality Control Plan**

## **1 INTRODUCTION**

PSEG Long Island, in accordance with Case 24-T-0113 Certificate Condition 103, has developed a Quality Control Plan (QC Plan) for the Southampton to Deerfield Transmission Project (the Project), describing how underground transmission line components purchased for the Project conform to the specifications for such components described in the Environmental Management and Construction Plan (EM&CP).

For specific requirements of the Certificate Conditions (103), please reference the overall EM&CP.

## **2 QUALITY CONTROL PERSONNEL**

For the Project, the Quality Control Manager will be assisted by other qualified Quality Control personnel and will be responsible for conducting quality control audits. Non-conformance reports, if necessary, will be provided to the New York State Department of Public Service (NYSDPS) Staff for review.

## **3 QUALITY CONTROL AUDIT REPORTING**

For the Project, regularly-scheduled Quality Control Audits will be performed on the underground cable, conduits, splice vaults, and other general components which will become part of the new 138-kV transmission line. The audits will confirm that materials and equipment purchased for the Project conform to the specifications for materials and components described within the EM&CP.

The Quality Control Manager will review, prior to commencement of placing the equipment into the ground or within the substation facilities, the received equipment and components of the Project at the marshaling yards. The Quality Control Manager will verify the proper type of cabling, and examine it for any manufacturing or transport issues. Non-conformity of equipment (improper cable type, for example), will be logged and reported as noted below.

A separate report specific to any concrete applications will be completed for review by NYSDPS Staff. Concrete reports will be specific to activities within the two Project substations.

Audits and non-conformances will be documented in a standardized format, and included within the monthly overall NYSDPS report.

The Quality Control process will be:

1. Within 10 business days of completion of each Quality Control Audit, or less than 10 days if included within the monthly overall Project NYSDPS report, PSEG Long Island will provide the NYSDPS Staff a report, which will include a description of the audit results, identifying any non-conformances with specifications described within the EM&CP.
2. If the Quality Control Audit confirms that any component purchased by the Project does not conform to the specifications for cables, conduits, splice vaults, or other equipment or components described within the EM&CP, PSEG Long Island shall:

- a. Provide written notification of the discovery of non-conformance to the Secretary within 72 hours;
- b. Describe the steps PSEG Long Island will take to resolve the non-conformance, including
  - i. Whether components need to be removed and returned to the manufacturer
  - ii. And a detailed estimate of costs and possible delays to construction resulting from the non-conformance.