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Generation QC Inspection Process for Generation Assets			

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ATTACHMENTS

None

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1.0 PURPOSE

- 1.1 This procedure describes the SCE Quality Control (QC) activities utilized to provide independent oversight of the Generation Inspection Program (GIP). Independent SCE QC inspections of assets are performed by SCE personnel, and provide reasonable assurance that quality maintenance inspections are performed.
- 1.2 SCE QC inspections for GIP are based on sampling techniques defined by Governance and Reporting.
- 1.3 SCE QC inspection results are provided to Governance and Reporting (G&R) for reporting purposes. The information provided is intended to drive performance improvement.

2.0 RESPONSIBILITIES

- 2.1 The QC Senior Manager reports to the Compliance and Quality (C&Q) Principal Manager and is responsible for the overall QC Program development, implementation, and continuous improvement.
- 2.2 The QC Operations Manager(s) is responsible for the day-to-day operations of the GIP QC program and for ensuring only personnel qualified to PQS QCGIP are assigned to perform GIP inspections. Ensures all provided scope is assigned monthly.
- 2.3 QC Inspectors are responsible for performing independent inspections of generation assets, assuring the inspections meet the requirements of CPUC General Order (GO) 95/128/165, and the Generation Inspector Wildfire Mitigation Plan (WMP) Training Deck 2023 requirements as related to quality.
- 2.4 While performing inspections, QC Inspectors shall adhere to QCDP-004 QC Field Hazard Mitigation desk-top procedure.

3.0 REFERENCES

- 3.1 Generation Inspector WMP Training Deck 2023
- 3.2 SCE Accident Prevention Manual
- 3.3 QCP-003 Qualification and Training of QC Personnel
- 3.4 QCDP-004 QC Field Hazard Mitigation
- 3.5 CPUC General Order 95-Overhead Electric Line Construction
- 3.6 CPUC General Order 128-Underground Electric Line Construction
- 3.7 CPUC General Order 165-Inspection Requirements for Electric Distribution and Transmission Facilities
- 3.8 General Procedure (GP)-013 Data Trending Process

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4.0 PREREQUISITES

- 4.1 Verify this document is current by reviewing the “Quality Control Document Revision Index.”
- 4.2 QC personnel performing Generation Inspections shall be qualified to the Personnel Qualification Standard (PQS) QCGIP “Generation Inspection Program.”

5.0 PRECAUTIONS

- 5.1 QC personnel performing generation inspections shall wear the appropriate personnel protective equipment, and meet the relevant requirements of the SCE Accident Prevention Manual.
- 5.2 QC inspectors will not perform any inspections on the structure/equipment/asset, especially on energized equipment.

6.0 PROCEDURE

6.1 Workflow / Assignments

- 6.1.1 Independent SCE QC inspections are performed for the work completed by SCE personnel.
- 6.1.2 Selection of work is provided and assigned by G&R as prescribed.

6.2 Inspection

- 6.2.1 The SCE QC Inspector shall review assigned work prior to going to the field to verify no data issues exist that would result in inspection delays.
- 6.2.2 The SCE QC inspector performs inspections of the assigned structure and records the results in Survey 123 / QC Input Form. Technical issues/concerns may be raised through management/supervision or to the QC GIP subject matter expert (SME).
- 6.2.3 The SCE QC inspector assesses the asset/pole being assessed meets the applicable GO 95/128/165 and the Generation Inspector WMP Training Deck 2023 that no potential infractions exist. Any misidentified items or issues that affect safety/reliability will result in a failed asset/structure for the purposes of assessing overall performance.
- 6.2.4 QC inspection records shall specify the asset/structure inspected, the inspector, the date of the inspection, and any problems (or items requiring corrective action) identified during each inspection. The QC inspector should clearly annotate the GO infraction, the Generation Inspector WMP Training Deck 2023 infraction, or any issue that has not been satisfied.

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6.3 Acceptance Criteria

- 6.3.1 Acceptability of product being inspected is obtained from the GO 95/128/165 and the Generation Inspector WMP Training Deck 2023.

6.4 Documentation

- 6.4.1 The SCE QC inspector documents completed inspection results into the Survey 123 / QC Input Form. Documentation shall include photographs of the asset/structure, and any identified nonconforming conditions.

6.5 Checkpoint Review

- 6.5.1 Nonconforming conditions identified by QC inspectors for each month are reviewed for accuracy during the checkpoint review process. The checkpoint review process provides a learning opportunity and continuous improvement in the inspection process.
- 6.5.2 Office SME to review inspection results for the month and communicate to G&R for reporting process.