



**Melvin Stark**  
Principal Manager  
EHSQ-T&D Compliance & Quality

March 25, 2025

Fadi Daye, P.E.  
Program & Project Supervisor  
Electric and Safety Reliability Branch  
Safety and Enforcement Division  
California Public Utilities Commission  
320 West 4th St., Ste. 500  
Los Angeles, California 90013

**SUBJECT:** SA2025-1200, Substation Audit of Southern California Edison Mesa AOR

Dear Mr. Daye:

Your letter, dated February 25, 2025, requested that we advise you of actions taken by Southern California Edison Company (SCE) to address conditions identified during the Safety and Enforcement Division's (SED's) substation audit of Mesa Switching Center from February 3, 2025 to February 7, 2025.

Your letter requested a response by March 25, 2025. Attached are the conditions mentioned in your letter, and our responses and corresponding actions.

A handwritten signature in black ink, appearing to read "Mel Stark", with a long horizontal flourish extending to the right.

Mel Stark  
Principal Manager, EHSQ-T&D Compliance & Quality  
3 Innovation Way  
Pomona, CA 91768

Enclosures: SED Audit Findings and SCE's Responses

Cc: Lee Palmer, Director, Safety and Enforcement Division, CPUC  
Calvin Choi, Utilities Engineer, ESRB, SED, CPUC

## AUDIT FINDINGS

### I. Records Review

During the audit, my staff reviewed the following records:

- SCE GO 174 Substation Inspection Practices
- SCE Operators Manual, Section 6.9: Substation Inspections
- SCE's Substation Procedures
- Summary of SCE Mesa AOR Substation Operators Training Records
- Summary of Substation Inspections
- Inspection Checklists and One-Line Diagrams
- Pending and Completed Workorders
- Summary of results of Infrared Testing
- Summary of results from Substation Dissolved Gas Analysis

### II. Records Review – Violations List

My staff observed the following violations during the records review portion of the audit:

**GO 174, Rule 12, General**, states in part:

*Design, construction, and maintenance should be performed in accordance with accepted good practices for the given local conditions known at the time by those responsible.*

Between November 2023 and November 2024, SCE failed to complete 1 work order by SCE's assigned due date.

#### ***SCE Response:***

*Based on SCE's records, SCE actually completed the work order prior to the compliance due date, on August 14, 2024. However, the work management system was not updated at that time. SCE personnel updated its work management system recording the work order as completed on December 2, 2024.*

### III. Field Inspections

My staff inspected the following facilities during the field portion of the audit:

No.	Substation Name
1	Mesa
2	Newmark
3	Newmark
4	Amalia
5	Belvedere
6	Wabash
7	Repetto
8	Amador
9	Alhambra
10	Granada
11	Ramona
12	Rosemead
13	Ivar
14	Temple
15	Anita
16	Michillinda
17	San Marino
18	Mayflower
19	Monrovia
20	San Gabriel
21	Hoyt
22	Rio Hondo
23	Finance
24	Hopeful
25	Duarte
26	Citrus
27	Azusa
28	Aerojet
29	Lark Ellen

#### IV. Field Inspection - Violations List

My staff observed the following violations during the field inspections portion of the audit:

**GO 174, Rule 12, General**, states in part:

*Substations shall be designed, constructed, and maintained for their intended use, regard being given to the conditions under which they are to be operated, to promote the safety of workers and the public and enable adequacy of service.*

*Design, construction and maintenance should be performed in accordance with accepted good practices for the given local conditions known at the time by those responsible.*

Facilities at the following substations were not maintained for their intended use:

##### **Newmark**

- One cooling fan on the No. 1 Bank North Unit transformer did not start.
- The barrier chain protecting the No. 2 Capacitor 16kV Fuse Disconnect was broken.

##### ***SCE Response:***

*The conditions listed above have been recorded in SCE's Work Management System and they will be addressed in accordance with SCE's maintenance program. One condition was addressed in accordance with SCE's maintenance program.*

- *One cooling fan on the No. 1 Bank North Unit not starting. **SCE Response:** Due Date 02/28/2031.*
- *Broken barrier chain protecting the No. 2 Capacitor 16kV Fuse Disconnect. **SCE Response:** Completed on 03/17/2025.*

##### **Repetto**

- One cooling fan on the No. 2 Bank transformer did not start.

##### ***SCE Response:***

*The condition listed above was recorded in SCE's Work Management System and it was addressed in accordance with SCE's maintenance program.*

- *One cooling fan on the No. 2 Bank transformer not starting. **SCE Response:** Completed on 03/17/2025.*

### **Rosemead**

- One cooling fan on the No. 3 Bank East Unit transformer did not start.

#### ***SCE Response:***

*The condition listed above has been recorded in SCE's Work Management System and will be addressed in accordance with SCE's maintenance program.*

- *One cooling fan on the No. 3 Bank East Unit transformer not starting. **SCE Response:** Due Date 01/31/2031.*

### **Anita**

- One cooling fan on the No. 2 Bank East Unit transformer did not start.

#### ***SCE Response:***

*The condition listed above was recorded in SCE's Work Management System and it was addressed in accordance with SCE's maintenance program.*

- *One cooling fan on the No. 2 Bank East Unit transformer not starting. **SCE Response:** Completed on 03/12/2025.*

### **Rio Hondo**

- The safety pressure release valve on the 12kV Station Light and Power transformer still had the orange manufacturer block on the pressure relief valve. The orange manufacturer block should be removed.

#### ***SCE Response:***

*The condition listed above was recorded in SCE's Work Management System and it was addressed in accordance with SCE's maintenance program.*

- *Orange manufacturer block on the pressure relief valve on the 12kV Station Light and Power transformer to be removed. **SCE Response:** Completed on 02/07/2025.*

### **Lark Ellen**

- 2 cooling fans on the No. 2 Bank North Unit transformer did not start.

#### ***SCE Response:***

*The condition listed above was recorded in SCE's Work Management System and it was addressed in accordance with SCE's maintenance program.*

- *Two cooling fans on the No. 2 Bank North Unit transformer not starting. **SCE Response:** Completed on 02/07/2025.*