

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



December 22, 2023

EA2023-1084

Melvin Stark
Principle Manager, T&D Compliance Integration
Southern California Edison Company
1 Innovation Way
Pomona, CA 91786

Subject: Audit of Southern California Edison's Facilities on Catalina Island

Mr. Stark:

On behalf of the Electric Safety and Reliability Branch of the California Public Utilities Commission (CPUC), James Miller of my staff conducted an electric distribution audit of Southern California Edison's (SCE) facilities on Catalina Island from August 7, 2023 to August 8, 2023. The audit included a review of SCE's records and field inspections of SCE's facilities.

During the audit, my staff identified violations of one or more General Orders (GOs). A copy of the audit findings itemizing the violations is enclosed. Please advise me no later than January 22, 2024, by electronic or hard copy, of all corrective measures taken by SCE to remedy and prevent such violations. Please note that ESRB will be posting the audit report and your response to our audit on the CPUC website. If there is any information in your response that you would like us to consider as confidential, we request that in addition to your confidential response, you also provide us with a public or redacted version of your response that can be posted publicly on our website.

If you have any questions concerning this audit, you can contact James Miller at (213) 660-8898 or James.Miller@cpuc.ca.gov.

Sincerely,

A handwritten signature in blue ink that reads "Fadi Daye".

Fadi Daye, P.E.
Program and Project Supervisor
Electric Safety and Reliability Branch
Safety and Enforcement Division
California Public Utilities Commission

Enclosures: Audit Findings

Cc: Lee Palmer, Director, Safety and Enforcement Division, CPUC
Nika Kjensli, Program Manager, ESRB, SED, CPUC
Majed Ibrahim, Senior Utilities Engineer (Supervisor), ESRB, SED, CPUC
James Miller, Utilities Engineer, ESRB, SED, CPUC

AUDIT FINDINGS

I. Records Review

My staff reviewed the following records during the audit:

- Patrol & Detailed Inspection records.
- Late Inspections
- Work Orders Created from Inspections
- Repair Work Orders
- Intrusive Testing Records
- Third Party Notifications
- Vegetation Management Records
- Pole Loading Calculation Records

II. Field Inspections

My staff inspected the following structures during the field inspection portion of the audit:

| No. | Facility Identification | Facility Type | Location |
|-----|-------------------------|---------------|----------|
| 1 | X10141E | Pole | Avalon |
| 2 | 2365067E | Pole | Avalon |
| 3 | 1492837E | Pole | Avalon |
| 4 | 1492838E | Pole | Avalon |
| 5 | 1492839E | Pole | Avalon |
| 6 | 1492840E | Pole | Avalon |
| 7 | 4753257E | Pole | Avalon |
| 8 | 1492833E | Pole | Avalon |
| 9 | 4753256E | Pole | Avalon |
| 10 | 2167593E | Pole | Avalon |
| 11 | 1491785E | Pole | Avalon |
| 12 | 2365060E | Pole | Avalon |
| 13 | 2365061E | Pole | Avalon |
| 14 | 2365062E | Pole | Avalon |
| 15 | 2365063E | Pole | Avalon |
| 16 | 2365064E | Pole | Avalon |
| 17 | 2365065E | Pole | Avalon |
| 18 | 2365066E | Pole | Avalon |
| 19 | 2167664E | Pole | Avalon |
| 20 | 2381630E | Pole | Avalon |
| 21 | 2381629E | Pole | Avalon |
| 22 | 2381633E | Pole | Avalon |
| 23 | 2381631E | Pole | Avalon |
| 24 | 4152825E | Pole | Avalon |
| 25 | X10144E | Pole | Avalon |
| 26 | 2167575E | Pole | Avalon |
| 27 | 1491709E | Pole | Avalon |
| 28 | 2167576E | Pole | Avalon |
| 29 | 1492459E | Pole | Avalon |
| 30 | 1492376E | Pole | Avalon |
| 31 | 1492336E | Pole | Avalon |
| 32 | 2244225E | Pole | Avalon |
| 33 | 1492550E | Pole | Avalon |
| 34 | 1492399E | Pole | Avalon |
| 35 | 1492846E | Pole | Avalon |
| 36 | X8634E | Pole | Avalon |
| 37 | 1492847E | Pole | Avalon |

| | | | |
|----|-------------------|------------------------|--------------------|
| 38 | 1492848E | Pole | Avalon |
| 39 | 1492849E | Pole | Avalon |
| 40 | X10113E | Pole | Avalon |
| 41 | X8648E | Pole | Avalon |
| 42 | 1492514E | Pole | Avalon |
| 43 | 1492512E | Pole | Avalon |
| 44 | 1492513E | Pole | Avalon |
| 45 | 4806552E | Pole | Avalon |
| 46 | X8614E | Pole | Avalon |
| 47 | X8613E | Pole | Avalon |
| 48 | X8618E | Pole | Avalon |
| 49 | 4733684E/4733683E | H-frame | Haypress Reservoir |
| 50 | 2381735E/2381736E | H-frame | Haypress Reservoir |
| 51 | 2381733E/2381734E | H-frame | Haypress Reservoir |
| 52 | 4733681E/4733682E | H-frame | Haypress Reservoir |
| 53 | V5062584 | Vault with Switch | Avalon |
| 54 | V5062543 | Vault with Switch | Avalon |
| 55 | V5062558 | Vault with Switch | Avalon |
| 56 | P5468779 | Padmounted Transformer | Avalon |
| 57 | P5636778 | Padmounted Transformer | Avalon |
| 58 | S5712286 | Vault with Switch | Avalon |
| 59 | P5649962 | Padmounted Transformer | Avalon |
| 60 | V5062541 | Vault with Switch | Avalon |
| 61 | P5060671 | Padmounted Transformer | Avalon |
| 62 | 2276323E | Pole | Avalon |
| 63 | 1492823E | Pole | Avalon |

III. Field Inspection Violations List

My staff observed the following violations during the field inspection:

GO 95, Rule 56.2 Overhead Guys, Anchor Guys and Span Wires, Use, states in part:

Guys shall be attached to structures, as nearly as practicable, at the center of load. They shall be maintained taut and of such strength as to meet the safety factors of Rule 44 .

A down guy wire attached to Pole No. 2365060E was not taut.

GO 95, Rule 91.3 Stepping, B. Location of Steps, states in part:

The lowest step shall be not less than 8 feet from the ground line, or any easily climbable foreign structure from which one could reach or step. Above this point steps shall be placed, with spacing between steps on the same side of the pole not exceeding 36 inches, at least to that conductor level above which only circuits operated and maintained by one party remain. Steps or fixtures for temporary steps shall be installed as part of a pole restoration process. Steps shall be so placed that runs or risers do not interfere with the free use of the steps.

The lowest pole step on Pole No. 1491709E was located at a height of less than eight feet.