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Mr. Fadi Daye, P.E.  
Program and Project Supervisor  
Electric Safety and Reliability Branch  
Safety and Enforcement Division  
California Public Utilities Commission  
505 Van Ness Avenue  
San Francisco, CA 94102-3298

**Subject: Substation Audit of SDG&E's Eastern District**

Dear Mr. Daye:

An audit of substations in San Diego Gas & Electric's (SDG&E's) Eastern District was conducted by Electric Safety and Reliability Branch Engineer James Miller on March 7-11, 2022. The table below identifies the findings your staff captured during their field inspection, along with the corrective measures taken by SDG&E to remedy and prevent the recurrence of these findings.

<b>Substation</b>	<b>Audit Finding</b>	<b>SDG&amp;E Response</b>
Amhearst	The security fence around Amherst Substation had a large hole cut in it.	SDG&E repaired security fence hole.
Chollas West	The vent covers on the control room were not properly secured and had partially fallen off their respective vents.	Vent covers on control room have been secured.
Spring Valley	The radiator on the Bank 30 69/12 kV Transformer was leaking oil.	Oil was cleaned and leak was sealed. SDG&E continues to monitor.
Bostonia	The viewing window on the 12 kV Circuit 416 Circuit Breaker was cracked.	Viewing window on circuit breaker repaired and visibility restored.
Santee	The Bank 40 138/12 kV Transformer was leaking oil.	Oil was cleaned and leak was sealed at Bank 41 (not Bank 40, error in equipment identification). SDG&E continues to monitor.

Alpine	Viewing windows on the 12 kV Capacitor Banks A and C had lost their transparency.	Viewing windows were replaced.
Alpine	The nitrogen tank for the Bank 30 Transformer was empty.	Empty nitrogen tank was replaced.
Descanso	The ground wire on a support column of the 69 kV TL 625 line disconnect was excessively long and represented a tripping hazard.	Ground wire tripping hazard has been fixed.
Barrett	Rainwater was leaking into the control and battery rooms.	SDG&E Substation Engineering & Design team is working on a solution to address rainwater leak.
Cameron	Barb wire was hanging outside the security fence to a height of approximately three feet from the ground.	Barb wire on security fence was fixed by SDG&E crew.
Cameron	The ground wire on Pole No. SCN02 (located inside the substation) was not properly secured to the pole near its base and represented a tripping hazard.	SDG&E crew secured ground wire tripping hazard by hammering in staple to the nearby pole base.
Cameron	The tap changer position indicator hatch on the 12 kV Bank 30 Regulator had been left open, allowing rainwater to enter.	Hatch cleaned and secured and determined to have insufficient water to cause further damage.

If you have questions regarding these comments, please do not hesitate to contact Sheri Gates at 619-380-4534 or [SLGates@sdge.com](mailto:SLGates@sdge.com) and me at [GSemmer@sdge.com](mailto:GSemmer@sdge.com) or 858-229-6504.

Sincerely,

Gillian Semmer

Team Lead - Substation & Transmission Compliance

cc. Christian Henderson, Sheri Gates, Sneha Parmar, Jennifer Kaminsky, Stacy Lovell-Garra, Tyler Kirchhoff, Leslie Palmer, Nika Kjensli, James Miller, Majed Ibrahim