

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



July 28, 2023

CA2023-1040

Sherri Murillo
Senior Analyst, Government Affairs
Verizon Communications
1415 L Street, Ste 1250
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Subject: Audit of Verizon Communications' (Verizon) San Diego County Area

Ms. Murillo:

On behalf of the Electric Safety and Reliability Branch (ESRB) of the California Public Utilities Commission (CPUC), Kyle King of my staff conducted a Communication Infrastructure Provider (CIP) audit of Verizon's San Diego County Area from May 15, 2023 to May 19, 2023. The audit included a review of Verizon's inspection and maintenance records and a field inspection of Verizon'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 August 28, 2023, by electronic or hard copy, of all corrective measures taken by Verizon to remedy and prevent such violations.

If you have any questions concerning this audit, you can contact Kyle King at (213) 222 – 3260 or Kyle.King@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

Enclosure: Audit Findings

Cc: Lee Palmer, Director, Safety and Enforcement Division, CPUC
Nika Kjensli, Program Manager, ESRB, SED, CPUC
Kyle King, Utilities Engineer, ESRB, SED, CPUC

Audit Findings

I. Records Review

During the audit, my staff reviewed the following records:

- Overhead and underground detailed inspection records
- Patrol records
- Completed and pending corrective action work orders
- Safety hazard notifications
- Pole-loading calculations
- Verizon's documented inspection program

II. Records Review – Violations List

GO 95, Rule 31.1, Design Construction and Maintenance, states in part:

Electrical supply and communication systems shall be designed, constructed, and maintained for their intended use, regard being given to the conditions under which they are to be operated, to enable the furnishing of safe, proper, and adequate service.

GO (General Order) 95, Rule 18-A: Resolution of Safety Hazards and General Order 95 Nonconformances, states in part:

Each company (including electric utilities and communications companies) is responsible for taking appropriate corrective action to remedy potential violations of GO 95 and Safety Hazards posed by its facilities.

According to Verizon's inspection record titled "2021 - Tier 2 - VzB COPs 12-27-21", Verizon completed 17 work orders past Verizon's scheduled due date for corrective action.

III. Field Inspection

My staff inspected the following facilities during the field inspection:

No.	Structure ID.	Type of Structure	Location
1	Z91119	Pole	San Diego
2	P205942	Pole	San Diego
3	Z91120	Pole	San Diego
4	Z91121	Pole	San Diego
5	Z92508	Pole	San Diego
6	P1984185	Pole	San Diego
7	Z91117	Pole	San Diego
8	Z94531	Pole	San Diego
9	Z91116	Pole	San Diego
10	Z96669	Pole	San Diego
11	Z96670	Pole	San Diego
12	5439 Clairemont Mesa Blvd., Suite D, San Diego, CA	Pole	San Diego
13	Z96671	Pole	San Diego
14	Z91112	Pole	San Diego
15	P91111	Pole	San Diego
16	Z91111	Pole	San Diego
17	Z91110	Pole	San Diego
18	Z90076	Pole	San Diego
19	Z90075	Pole	San Diego
20	Z96266	Pole	San Diego
21	Z90074	Pole	San Diego
22	Z90072	Pole	San Diego
23	Z96264	Pole	San Diego
24	Z90073	Pole	San Diego
25	P120065	Pole	San Onofre
26	P25277	Pole	San Onofre
27	Z224867	Pole	San Onofre
28	Z21300	Pole	San Onofre
29	Z21299	Pole	San Onofre
30	P322438	Pole	San Onofre
31	P128848	Pole	San Onofre
32	P128849	Pole	San Onofre
33	P128850	Pole	San Onofre
34	P128851	Pole	San Onofre
35	P128852	Pole	San Onofre
36	P128853	Pole	San Onofre
37	P128854	Pole	San Onofre
38	P128855	Pole	San Onofre
39	P128856	Pole	San Onofre
40	P128857	Pole	San Onofre
41	P128859	Pole	San Onofre

42	P127213	Pole	San Onofre
43	P222737	Pole	San Onofre
44	P12699	Pole	San Onofre
45	P28469	Pole	San Onofre
46	P127000	Pole	San Onofre
47	P127001	Pole	San Onofre
48	P127002	Pole	San Onofre
49	P127004	Pole	San Onofre
50	P127005	Pole	San Onofre
51	P127006	Pole	San Onofre
52	P127436	Pole	San Onofre
53	P127437	Pole	San Onofre
54	P127438	Pole	San Onofre
55	P127439	Pole	San Onofre
56	P127440	Pole	San Onofre
57	P128859	Pole	San Onofre
58	Z245965	Pole	San Diego
59	Z731191	Pole	San Diego
60	Z33185	Pole	San Diego
61	Z731190	Pole	San Diego
62	Z33187	Pole	San Diego
63	Z731199	Pole	San Diego
64	Z33188	Pole	San Diego
65	Z33189	Pole	San Diego
66	Z92801	Pole	San Diego
67	Z33190	Pole	San Diego
68	Z92802	Pole	San Diego
69	Z33191	Pole	San Diego
70	Libby Villa PVT Way 300 and North Driver Drive, Oceanside, CA	Underground Vault	Oceanside
71	4665 North River Drive, Oceanside, CA	Underground Vault	Oceanside
72	North River Drive and Ave. Descanso, Oceanside, CA	Underground Vault	Oceanside
73	North River Drive and Festival Drive, Oceanside, CA	Underground Vault	Oceanside
74	North River Drive and Douglas Drive, Oceanside, CA	Underground Vault	Oceanside
75	3925 Douglas Drive, Oceanside, CA	Underground Vault	Oceanside
76	Douglas Drive and Rainier Way, Oceanside, CA	Underground Vault	Oceanside
77	Douglas Drive and Pala Road, Oceanside, CA	Underground Vault	Oceanside
78	Douglas Drive South and Pala Road, Oceanside, CA	Underground Vault	Oceanside
79	4665 North River Drive and	Underground Vault	Oceanside

	Lamplighter, Oceanside, CA		
80	4660 North River Road	Underground Vault	Oceanside
81	5818 Faraday Avenue	Underground Vault	Carlsbad
82	2495 Faraday Avenue	Underground Vault	Carlsbad
83	Orion Street and Faraday Avenue	Underground Vault	Carlsbad
84	2530 Orion Street and Faraday Avenue	Underground Vault	Carlsbad
85	North side of Faraday Avenue and East of Orion Avenue	Underground Vault	Carlsbad
86	186525	Pole	Chula Vista
87	P82796	Pole	Chula Vista
88	P186975	Pole	Chula Vista
89	P831725	Pole	Chula Vista
90	P80420-	Pole	Chula Vista
91	P187295J	Pole	Chula Vista
92	P282742	Pole	Chula Vista

IV. Field Inspection – Violations List

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

GO 95, Rule 31.1, Design Construction and Maintenance, states in part:

Electrical supply and communication systems shall be designed, constructed, and maintained for their intended use, regard being given to the conditions under which they are to be operated, to enable the furnishing of safe, proper, and adequate service.

Verizon facilities attached to the pole located at 5430 Clairemont Mesa Blvd., San Diego, are still attached to the “old pole” and have not been transferred to the newly installed pole yet.

Risers attached to each of the following poles were damaged:

- Z90074
- P322438
- P127002

GO 95, Rule 94.4, Clearances, Case B, states:

Antennas and supporting elements below communication lines shall maintain a 2 ft. vertical separation from communication conductors and equipment. (See Figure 94-1)

Antenna signage (which is considered supporting elements) attached on each of the following poles had less than 2 feet vertical separation from communication conductors and equipment.

- P80420-
- P282742

GO 95, Rule 38, Table 2, Case 19, Column D requires the minimum radial separation between secondary conductors of 0-750 Volts (including service drops) and guy wires attached to the same pole to be 3 inches.

An SDG&E secondary conductor attached to pole number P80420 was touching a Verizon down guy wire attached to the same pole.