

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



May 18, 2020

CA2020-885

Alan Mertsock
Director of Residential Operations
Zito Media
102 South Main Street
Coudersport, PA 16915

SUBJECT: Audit of Zito Media

Mr. Mertsock:

On behalf of the Electric Safety and Reliability Branch (ESRB) of the California Public Utilities Commission, James Miller of my staff conducted a Communication Infrastructure Provider (CIP) audit of Zito Media's Julian/Borrogo Springs service from March 9, 2020 to March 13, 2020. The audit included a review of Zito Media's records and field inspections of facilities.

During the audit, we identified violations of one or more General Orders. A copy of the audit findings itemizing the violations is enclosed. Please advise me no later than June 18, 2020, by electronic or hard copy, of all corrective measures taken by Zito Media to remedy and prevent such violations.

If you have any questions concerning this audit, please contact James Miller at (213) 266-4715 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
Charlotte TerKeurst, ESRB, SED, CPUC
James Miller, Utilities Engineer, ESRB, SED, CPUC

AUDIT FINDINGS

Section I: Records Review

During the audit, my staff reviewed the following records:

- Completed and pending corrective action work orders.

Section II: Records Review Violations

Zito Media refused to provide the following documents requested by the CPUC:

- Overhead and underground detailed inspections records.
- Pole loading calculations.
- Safety hazard notifications.
- Zito Media's documented inspection program.

California Public Utilities Code (PU Code) Section 314(a), states in part:

The commission, each commissioner, and each officer and person employed by the commission may, at any time, inspect the accounts, books, papers, and documents of any public utility.¹

Zito Media is in violation of PU Code §314(a) for refusing to provide the CPUC with the requested documents.

General Order (GO) 95, Rule 80.1-A4, Record Keeping, states in part:

Each company shall maintain records for at least ten (10) years that provide the following information for each facility subject to this rule: The location of the facility, the date of each inspection of the facility, the results of each inspection, the personnel who performed each inspection, the date and description of each corrective action, and the personnel who performed each correction action. Commission staff shall be permitted to inspect records consistent with Public Utilities Code Section 314 (a).

Zito Media is in violation of GO 95, Rule 80.1-A4, for refusing to provide the CPUC with the requested inspection and corrective action records.

¹ **California Public Utilities Code – PU Code § 216 (a)** defines a public utility as follows:

Public utility" includes every common carrier, toll bridge corporation, pipeline corporation, gas corporation, electrical corporation, telephone corporation, telegraph corporation, water corporation, sewer system corporation, and heat corporation, where the service is performed for, or the commodity is delivered to, the public or any portion thereof.

GO 95, Rule 44.1, Installation and Construction, states:

Lines and elements of lines, upon installation or reconstruction, shall provide as a minimum the safety factors specified in Table 4. The design shall consider all supply and communication facilities planned to occupy the structure. For purposes of this rule, the term “planned” applies to the facilities intended to occupy the structure that are actually known to the constructing company at the time of design.

The entity responsible for performing the loading calculation(s) for an installation or reconstruction shall maintain records of these calculations for the service life of the pole or other structure for which the a loading calculation was made and shall provide such information to authorized joint use occupants and the Commission upon request.

Zito Media’s representative stated that Zito Media had transferred many of its communications conductors from old poles to new ones in the last year, however, loading calculations were not performed prior to the transfers. Zito Media is in violation of GO 95, Rule 44.1, for failing to perform pole loading calculations to ensure that the addition of facilities would not reduce the safety factor of the poles below the values specified in Rule 44.3.

GO 95, Rule 31.2, Inspection of Lines, states in part:

Lines shall be inspected frequently and thoroughly for the purpose of ensuring that they are in good condition so as to conform with these rules. Lines temporarily out of service shall be inspected and maintained in such condition as not to create a hazard.

Zito Media’s representative indicated that Zito Media does not have any inspection procedure or inspection schedule for their overhead facilities.

GO 95, Rule 80.1-A2, Statewide Inspection Requirements, states in part:

Each company shall prepare, follow, and modify as necessary, procedures for conducting patrol or detailed inspections for all of its Communication Lines throughout the State. Consistent with Rule 31.2, the type, frequency and thoroughness of inspections shall be based upon the following factors:

- *Fire threat*
- *Proximity to overhead power line facilities*
- *Terrain*
- *Accessibility*
- *Location*

... Each company’s procedures shall describe (i) the methodology used to ensure that all Communication Lines are subject to the required inspections, and (ii) the procedures used for specifying what problems should be identified by the inspections. The procedures used

for specifying what problems should be identified by the inspections shall include a checklist for patrol inspections.

Zito Media was unable to produce documentation detailing the frequency or thoroughness of its overhead inspections.

GO 128, Rule 17.2, Inspection, states:

Systems shall be inspected by the operator frequently and thoroughly for the purpose of ensuring that they are in good condition and in conformance with all applicable requirements [of] these rules.

Zito Media was unable to produce documentation detailing the frequency or thoroughness of its underground inspections. Furthermore, Zito Media's representative indicated that Zito Media does not have any inspection procedure or inspection schedule for their underground facilities.

Section III: Field Inspection

My staff inspected the following structures during the audit:

No.	Structure No.	Type of Structure	Location
1	P17930	Pole	Julian
2	P226124	Pole	Julian
3	No structure number	Pole	Intersection of B St./3 rd St. in Julian
4	P17931	Pole	Julian
5	P17935	Pole	Julian
6	P17936	Pole	Julian
7	P19369	Pole	Julian
8	P18219	Pole	Julian
9	P17933	Pole	Julian
10	P17932	Pole	Julian
11	P17934	Pole	Julian
12	P330248	Pole	Julian
13	P617391	Pole	Julian
14	P617392	Pole	Julian
15	P195396	Pole	Julian
16	P112093	Pole	Julian
17	P112094	Pole	Julian
18	P5188884	Pole	Julian
19	P112094	Pole	Julian
20	P112093	Pole	Julian
21	P18422	Pole	Julian
22	P1113748	Pole	Julian
23	P512400	Pole	Julian
24	P512401	Pole	Julian
25	P117348	Pole	Julian
26	P17937	Pole	Julian
27	P17939	Pole	Julian
28	P226125	Pole	Julian
29	No structure number	Hand-hole	Intersection of Main St./B St. in Julian
30	No structure number	Hand-hole	2110 Main St. in Julian
31	No structure number	Hand-hole	2122 Main St. in Julian
32	No structure number	Hand-hole	Intersection of Washington/Main St. in Julian
33	No structure number	Hand-hole	2202 Main St. in Julian
34	No structure number	Hand-hole	Intersection of A St. & Main St. in Julian
35	P223286	Pole	Julian
36	P18059	Pole	Julian
37	P318344	Pole	Julian
38	P717027	Pole	Julian

39	P17919	Pole	Julian
40	P17918	Pole	Julian
41	P32285	Pole	Julian
42	No structure number	Pole	Intersection of Washington St./Main St. in Julian
43	No structure number	Pole	2127 Main St. in Julian
44	No structure number	Pole	2117 Main St. in Julian
45	P312278	Pole	Pine Hills
46	P166904	Pole	Pine Hills
47	P18893	Pole	Pine Hills
48	P519711	Pole	Pine Hills
49	P18891	Pole	Pine Hills
50	P18890	Pole	Pine Hills
51	P803092H	Pole	Pine Hills
52	P111784	Pole	Pine Hills
53	P1046688H	Pole	Pine Hills
54	No structure number	Pole	Intersection of Pine Hills Rd./Lazy Jays Way in Pine Hills
55	P515819	Pole	Pine Hills
56	P515818	Pole	Pine Hills
57	P515817	Pole	Pine Hills
58	P110232	Pole	Pine Hills
59	P319650	Pole	Pine Hills
60	P164323	Pole	Pine Hills
61	P319651	Pole	Pine Hills
62	P319652	Pole	Pine Hills
63	P319653	Pole	Pine Hills
64	P511382	Pole	Pine Hills
65	P511383	Pole	Pine Hills
66	P513090	Pole	Kentwood
67	P513091	Pole	Kentwood
68	P513992	Pole	Kentwood
69	P617422	Pole	Kentwood
70	P513093	Pole	Kentwood
71	P615896	Pole	Kentwood
72	P615897	Pole	Kentwood
73	P710692	Pole	Kentwood
74	No structure number	Junction Box	Roadrunner Country Club – Space 220
75	No structure number	Junction Box	Roadrunner Country Club – Space 165
76	No structure number	Junction Box	Roadrunner Country Club – Space 222
77	No structure number	Junction Box	Roadrunner Country Club – Space 223
78	No structure number	Junction Box	Roadrunner Country Club – Space 225
79	No structure number	Junction Box	Roadrunner Country Club – Space 227
80	No structure number	Junction Box	Roadrunner Country Club – Space 228
81	No structure number	Junction Box	Roadrunner Country Club – Space 230

82	No structure number	Junction Box	Roadrunner Country Club – Space 233
83	No structure number	Junction Box	Roadrunner Country Club – Space 235
84	P2171928	Pole	Roadrunner Country Club
85	No structure number	Junction Box	Borrego Springs Resort – Space 2811
86	No structure number	Junction Box	Borrego Springs Resort – Space 2853
87	No structure number	Junction Box	Borrego Springs Resort – Space 2843
88	No structure number	Junction Box	Borrego Springs Resort – Space 2835
89	No structure number	Junction Box	Borrego Springs Resort – Space 2823
90	No structure number	Junction Box	Borrego Springs Resort – Space 2817
91	No structure number	Junction Box	Borrego Springs Resort – Next to transformer D124623
92	No structure number	Junction Box	Borrego Springs Resort – Space 2817
93	No structure number	Junction Box	Borrego Springs Resort – Space 2841
94	No structure number	Junction Box	Borrego Springs Resort – Club Circle
95	No structure number	Inverter and Rectifier	The Spring of Borrego RV Park
96	No structure number	Inverter	The Spring of Borrego RV Park – Station 810 (Between rectifier and SDG&E transformer)
97	No structure number	Junction Box	The Spring of Borrego RV Park
98	No structure number	Junction Box	The Spring of Borrego RV Park – Space 710
99	No structure number	Junction Box	The Spring of Borrego RV Park – Space 610
100	No structure number	Junction Box	The Spring of Borrego RV Park – In front of Space 610
101	P676235	Pole	Borrego
102	P676236	Pole	Borrego
103	P676237	Pole	Borrego
104	P676210	Pole	Borrego
105	P676209	Pole	Borrego
106	P676208	Pole	Borrego
107	P676207	Pole	Borrego
108	No structure number	Pole	Next to P676207 in Borrego
109	P676206	Pole	Borrego
110	P673552	Pole	Borrego
111	P673551	Pole	Borrego
112	P673549	Pole	Borrego
113	P673548	Pole	Borrego
114	No structure number	Junction Box	Roadrunner Country Club – Space 128
115	No structure number	Junction Box	Roadrunner Country Club – Space 248
116	No structure number	Junction Box:	Roadrunner Country Club – Space 333
117	No structure number	Junction Box: Replace Drop	Roadrunner Country Club – Space 179
118	No structure number	Junction Box: Fix damaged cable under sidewalk	632 Palm Canyon Road – Space 632

Section IV: Field Inspection Violations

My staff observed the following violations during the field inspections:

GO 95, Rule 34, Foreign Attachments, states in part:

Nothing in these rules shall be construed as permitting the unauthorized attachment, to supply, street light or communication poles or structures, of antennas, signs, posters, banners, decorations, wires, lighting fixtures, guys, ropes and any other such equipment foreign to the purposes of overhead electric line construction.

An unauthorized poster (an advertisement for a local attraction) was attached to pole number P617392.

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.

- Pole identification tags on the following poles were damaged:
 1. At the intersection of B Street and Third Street in Julian.
 2. Near 2127 Main St. in Julian.
 3. Near 2117 Main St. in Julian
 4. At the intersection of Pine Hills Road and Lazy Jays Way in Pine Hills
 5. Next to P676207 in Borrego Springs.
- A lashing wire attached to poles numbered P112094 and P112093 was broken.

GO 95, 31.6, Abandoned Lines, states in part:

Lines or portions of lines permanently abandoned shall be removed by their owners so that such lines shall not become a public nuisance or a hazard to life or property. For the purposes of this rule, lines that are permanently abandoned shall be defined as those lines that are determined by their owner to have no foreseeable future use.

- A communication service drop on pole P676207 was abandoned.
- A communication service drop on pole P17939 was abandoned.

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.

The guy wire attached to each of the following poles was not taut:

- P226124
- P112093
- P512401
- P18059
- P17918
- P676236
- P676237

GO 95, Rule 56.4, Clearances, states in part:

The radial clearances between guys and conductors supported by or attached to the same poles or crossarms shall not be less than as specified in Table 2, Case 19.

Table 2, Column C, Case 19 requires guy wires and service drops supported on the same pole to maintain a clearance of three inches.

A guy wire and service drop on pole number P676237 were in direct contact.

GO 95, Rule 84.6-B, Ground Wire, states in part:

Ground wires, other than lightning protection wires not attached to equipment or ground wires on grounded structures, shall be covered by metal pipe or suitable covering of wood or metal, or of plastic conduit material as specified in Rule 22.8–A ...

Ground wires on the following poles lacked suitable coverings:

- P330248
- P617391
- P17937
- P195396

GO 128, Rule 17.1, Design, Construction and Maintenance, states in part:

For all particulars not specified in these rules, design, construction, and maintenance should be done in accordance with accepted good practice for the given local conditions known at the time by those responsible for the design, construction, or maintenance of [the] communication or supply lines and equipment.

The following structures were not designed, constructed, and maintained for their intended use, regard being given to the conditions under which they are to be operated:

- The covering for the hand-hole at 2110 Main Street in Julian was badly damaged.
- The display on an inverter module next to a transformer in The Springs at Borrego RV Resort was broken.