

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3298



January 5, 2010

Mr. Stephen Sims
Electrical Supervisor
City of Lompoc
1300 W Laurel Ave.
Lompoc, CA 93438-8001

CPUC File No. EA2009-28

SUBJECT: General Order 95, 128, and 165 Audit of City of Lompoc

Dear Mr. Sims

On behalf of the Utility Safety and Reliability Branch of the California Public Utilities Commission, Paul Penney and I conducted a General Order (GO) 95, 128, and 165 Inspection of City of Lompoc from November 16 – 18, 2009. The audit included a review of any GO 165 records.

During the audit, we identified violations of one or more General Orders. A copy of the inspection summary itemizing the violations is enclosed. Please advise me of all corrective measures taken by the utility regarding the above violation(s). Please provide the electronic or hard copy records showing the correction date for each violation.

If you have any questions, please contact me at (415) 703-1555.

Sincerely,

A handwritten signature in black ink, appearing to read "George E. Carter".

George E. Carter
Utilities Engineer
Utilities Safety and Reliability Branch
Consumer Protection and Safety Division

Enclosure: Appendix A (12 pgs)
1.0 GO 165 Record Review
2.0 GO 95 Field Notes and Programs Review
3.0 GO 128 Field Notes and Programs Review
4.0 Recommendations

Copy: Mr. Dana Fabing – Electrical Estimator City of Lompoc
Mr. John Gutierrez – Director of Government Affairs Comcast

APPENDIX A

1.0 GO 165 Record Review

General Order No. 165, INSPECTION CYCLES FOR ELECTRIC DISTRIBUTION FACILITIES

1.1 Section IV (1st sub-paragraph).states:

“Each utility subject to this General Order shall conduct inspections of its distribution facilities as necessary to assure reliable, high quality, and safe operation, but in no case may the period between inspections (measured in years) exceed the time specified in the attached table.”

Review of City of Lompoc U/G Inspection Report Form (Proposed) plus discussion with City of Lompoc personnel: Lawrence W. Silva, Interim Electrical Utility Manager; Stephen Sims, Electrical Supervisor; and Dana Fabing, Electric Estimator leads me to conclude that City of Lompoc does not have a formal inspection program to comply with GO 165 allowable inspection cycle intervals.

City of Lompoc needs to develop a formal written Procedure/Standard for Inspection and Maintenance for Overhead and Underground Distribution Circuits.

1.2 Section IV (5th sub-paragraph) states:

“For all inspections, within a reasonable period, company records shall specify the circuit, area, or equipment inspected, the name of the inspector, the date of the inspection, and any problems identified during each inspection, as well as the scheduled date of corrective action. ...”

City of Lompoc is a member of the Northern California Power Agency (NCPA) and buys power from this agency. City of Lompoc’s infrastructure is: 65 miles of overhead; 51.3 miles of underground; 3 Substations; and 15,000 active customers. The utility system uses a Work Order System for conversion and maintenance correction of problems being identified. A contractor, Intec Services, Inc, is being used to conduct intrusive inspections with a goal to replace all bad poles within the next five years. Vegetation Management is provided by in-house personnel with inspections accomplished quarterly.

City of Lompoc needs to institute a formal Inspection program which would document the attributes listed GO 165 Section IV, 5th sub-paragraph for the City of Lompoc Utility Infrastructure.

2.0 GO 95 Inspection Field Notes and Programs Review

2.1. Inspection of Recent Pole Construction

Field Inspection was conducted on Nov 17, 2009,
see attached GO 95 & GO128 Inspection Field Sheets.

2.2. Inspections of Existing Pole Facilities

Field Inspection was conducted on Nov 17, 2009,
see attached GO 95 Inspection Field Sheets.

3.0 GO 128 Inspection Field Notes and Programs Review

3.1. Inspection of Recent Underground Construction

Field Inspection was conducted on Nov 17, 2009,
see attached GO95 & GO 128 Inspection Field Sheets.

3.2. Inspection of Existing Underground Facilities

Field Inspection was conducted on Nov 17, 2009,
see attached GO 128 Inspection Field Sheets.

4.0 Recommendations

4.1 None.

C.P.U.C. G.O. 95 & 128 INSPECTION FIELD SHEET New Construction

Inspection Team PUC: George Carter / Paul Penney
 Names & Utility: Stephen Sims, Lompoc

Inspection
 Date: 11/17/2009

County: Santa Barbara

		Comments	
Inspection Area: Lompoc	Utility: City of Lompoc	Utility: Comcast	Utility: Comcast
Pole No. or SSE	Pole or Infraction Location	Vaults or Boxes:	Poles:
	Project: #776 Rebuilding OH Lines		
1	Alley between G St & H St	Proposed pole replacement to obtain high voltage line clearances from existing building is considered to be an acceptable solution. 3 Photos	
2	Alley at Corner of G St	Proposed pole and transformer replacement with SS transformer is considered to be an acceptable solution. 1 Photo	
	Project: #765 Install UG Primary		
1	Maple Ave	Proposed location of SSE is considered to be acceptable.	

County: Santa Barbara

Inspection Area: Lompoc		Utility: City of Lompoc	Utility: Comcast	Utility: Comcast
Pole No. or SSE	Pole or Infraction Location	Vaults or Boxes:	Poles:	
	Project: Recient completed 2008 conversion (4Kv to 12Kv) UG			
1	Chestnut Ave (1000 Block)	Splice Box, Work Completed Satisfactorly.		
2	Chestnut Ave (1000 Block)	PM Transformer T-2712, Work completed Satisfactorly.		
3	Chestnut Ave	Splice Box, Work Completed Satisfactorly.		
4	Chestnut Ave	PM (ERMCO) Transformers T-2625 & T-2663, Work Completed Satisfactorly. 2 Photos		
5	North R St	Splice Box (Piggle Back configuration), Work Completed Satisfactorly. 1 Photo		
	Project: #636 Recient completed 2009 conversion (4Kv to 12Kv) OH			
1	Alley off North R St between Maple Ave & Date Ave	Pole A-4463-LLW, Work Completed Satisfactorly.		
2	Alley off North R St between Maple Ave & Date Ave	Pole A-4464-LLW with Switch, Work Completed Satisfactorly.		
3	Alley off North R St between Maple Ave & Date Ave	Pole A-4465-LLW with Transformer T-2585, Work Completed Satisfactorly.		
	Project: New Housing UG			

County:	Santa Barbara					
Inspection Area:	Lompoc		Utility: City of Lompoc		Utility: Comcast	Utility: Comcast
Pole No. or SSE	Pole or Infraction Location		Vaults or Boxes: Poles:			
1	2404 Point Sal Loop		Splice Box, Work Completed Satisfactorly.			
2	2404 Point Sal Loop		PM Transformer, T-2750, Work Completed Satisfactorly.			
3	2404 Point Sal Loop		Secondary Splice Box, Work Completed Satisfactorly.			
4	1110 Point Sal Loop		PM Transformer, T-2719, Work Completed Satisfactorly.			
5	1110 Point Sal Loop		Secondary Splice Box Rule 12.2 Maintenance: Systems shall be maintained in such condition as to secure safety to workmen and to the public in general. Side Broken Full of Dirt. Note, after the box was dug out it was reported that it was not being used.			
6	2029 Conception Dr		PM Transformer, T-2715, Work Completed Satisfactorly.			
1	Crown Cir	Project: New Housing, Crown Laurel Development UG	PM Transformer, T-2510, Work Completed Satisfactorly.			
2	Crown Cir		Secondary Splice Box, Work Completed Satisfactorly.			
3	Crown Cir		Splice Box, Work Completed Satisfactorly.			

	County:	Santa Barbara					
	Inspection Area:	Lompoc	Utility: City of Lompoc		Utility: Comcast		Utility: Comcast
	Pole No. of SSE	Pole or Infracation Location	Vaults or Boxes:	Poles:			
	County:	Santa Barbara					
		Project: #765 Install UG Primary					
1		208 Maple Ave	New Pole, 3" shallow, they used the 10% of pole length plus 2' rule of thumb.				
2		214 Maple Ave	New Pole, Work Completed Satisfactorly.				
		Project: #813 4Kv Conversion					
1		Alley Between Oak Ave & Lemon Ave	New Pole LLW-A1534, Work Completed Satisfactorly.				
2		Alley Between Oak Ave & Lemon Ave	New Pole LLW-A1531, Work Completed Satisfactorly.				
		Project: #806 4Kv Conversion					
1		Alley off Barton Ave between 3 rd St and Lupine St	New Pole A-4647-LLW, Work Completed Satisfactorly.				
2		Alley off Barton Ave between 3 rd St and Lupine St	New Pole A-4646-LLW, Work Completed Satisfactorly.				

	County:	Santa Barbara					Utility: Comcast
	Inspection Area:	Lompoc	Utility: City of Lompoc				Utility: Comcast
	Pole No. or SSE	Pole or Infraction Location	Vaults or Boxes:				
	County:	Santa Barbara	Poles:				
3		Alley off Barton Ave between 3 rd St and Lupine St	New Pole A-4645-LLW, Work Completed Satisfactorily.				Rule 31.1: 54.6B: Ground wires of supply circuits must be protected by suitable covering and be in good repair throughout their length. Exposed Ground Wire.
4		Alley off Barton Ave between 3 rd St and Lupine St	New Pole A-4644-LLW, Work Completed Satisfactorily.				
5		Alley off Barton Ave between 3 rd St and Lupine St	New Pole A-4643-LLW, Work Completed Satisfactorily.				
6		Alley off Barton Ave between 3 rd St and Lupine St	New Pole A-4642-LLW, Work Completed Satisfactorily.				

C.P.U.C. G.O. 95 INSPECTION FIELD SHEET

File No.: EA2009-28

Inspection Team PUC: George Carter / Paul Penny

Names & Utility: Stephen Sims, City of Lompoc

Inspection		Comments		
County: Santa Barbara				
Date: 11/17/2009				
Inspection Area: Lompoc		Utility: City of Lompoc	Utility: Comcast	Utility: Comcast
Pole No.	Pole or Infraction Location			
1	Alley South off Olive Ave Between F St & G St	Pole A-3900, Tested OK 2009.		
2	Alley South off Olive Ave Between F St & G St	Pole, Tested OK 2009.		
3	Alley South off Olive Ave Between F St & G St	Pole A-2874, Failed Test 2009, Pole to be Replaced.		
4	Alley South off Olive Ave Between F St & G St	Pole, Failed Test 2009, Pole to be Replaced.		
5	Alley South off Olive Ave Between F St & G St	Pole Tested OK 2009.		
1	Alley North off Olive Ave Between F St & G St	Pole A-2679-LLW, Failed Test 2009, Pole to be replaced. Rule 51.6A: High Voltage signs are required on poles or cross arms which support conductors of more than 750 volts. Missing High Voltage Sign on one side of cross arm.		
2	Alley North off Olive Ave Between F St & G St	Pole T/1023 Tested OK 2009.		
3	Alley North off Olive Ave Between F St & G St	Pole A-3899-LLW Tested OK 2009.		
4	Alley North off Olive Ave Between F St & G St	Pole Tested OK 2009. Rule 31.1; 54.6B: Ground wires of supply circuits must be protected by suitable covering and be in good repair throughout their length. Ground Molding Broken.		

County: Santa Barbara		Comments		
Inspection Area: Ukiah		Utility: UMED	Utility: AT&T	Utility: Comcast
Pole No.	Pole or Infraction Location			
5	Alley North off Olive Ave Between F St & G St	Pole A-3193-LLW no test.		
6	Alley North off Olive Ave Between F St & G St	Pole A-3145-LLW no test.		
7	Alley North off Olive Ave Between F St & G St	Pole no test.		
8	Alley North off Olive Ave Between F St & G St	Pole no test. Rule 31.1: 54.6B: Ground wires of supply circuits must be protected by suitable covering and be in good repair throughout their length. Ground Modling Broken. Rule 31.6: Abandoned lines or portions thereof must be removed. Idle Hardware.		
9	Alley North off Olive Ave Between F St & G St	Pole A-2887-LLW no test.		
10	Alley North off Olive Ave Between F St & G St	Pole A-2886-LLW no test.		
1	Alley South of Cypress Ave Between E St & F St	Pole A-3724-LLW no test.		
2	Alley South of Cypress Ave Between E St & F St	Pole A-2636-LLW no test.		
3	Alley South of Cypress Ave Between E St & F St	Pole A-3725-LLW no test.		
4	Alley South of Cypress Ave Between E St & F St	Pole A-3726-LLW no test.		
5	Alley South of Cypress Ave Between E St & F St	Pole A-3727-LLW no test.		

	County: Santa Barbara			Comments	
	Inspection Area: Ukiah		Utility: UMED	Utility: AT&T	Utility: Comcast
	Pole No.	Pole or Infraction Location			
6	Alley South of Cypress Ave Between E St & F St		Pole Tested OK 2009.		
7	Alley South of Cypress Ave Between E St & F St		Pole A-2689-LLC Tested OK 2009.		
8	Alley South of Cypress Ave Between E St & F St		Pole A-3729-LLC Tested OK 2009.		
9	Alley South of Cypress Ave Between E St & F St		Pole A-3286-LLC, Failed Test 2009, Pole to be Replaced.		
10	Alley South of Cypress Ave Between E St & F St		Pole A-3285-LLC Tested OK 2009.		
11	Alley South of Cypress Ave Between E St & F St		Pole A-1543-LLC Tested OK 2009.		
12	Alley South of Cypress Ave Between E St & F St		Pole, Failed Test 2009, Pole to be Replaced.		
13	Alley South of Cypress Ave Between E St & F St		Pole A-3729-LLC Tested OK 2009.		
14	Alley South of Cypress Ave Between E St & F St		Pole A-3730-LLC Tested OK 2009.		
15	Alley South of Cypress Ave Between E St & F St		Pole A-3731-LLC Tested OK 2009.		Rule 31.1; 54.6B: Ground wires of supply circuits must be protected by suitable covering and be in good repair throughout their length. Phony Ground Wire Not Connected to Grounding Rod.

	County: Santa Barbara		Comments	
Inspection Area:	Ukiah	Utility: UMED	Utility: AT&T	Utility: Comcast
Pole No.	Pole or Infraction Location			
1	Cypress Ave (900 Block)	Pole A-3231-LLC Tested OK 2009.		Rule 31.1; 54.6B: Ground wires of supply circuits must be protected by suitable covering and be in good repair throughout their length. Ground Wire is Exposed.

C.P.U.C. G.O. 128 INSPECTION FIELD SHEET

File No.: EA2009-28

Inspection Team PUC: George Carter / Paul Penney

Names & Utility: Stephen Sims, City of Lompoc

Inspection
Date: 11/17/2009

County: Santa Barbara

Comments

Inspection Area: Lompoc		Utility: City of Lompoc	Utility: Comcast	Utility: Comcast
SSE No.	Infraction Location			
1	North P St & Arnold Ave	Splice Box, Satisfactory Condition.		
2	North P St & Arnold Ave	PM Transformer, T-1730, Satisfactory Condition.		
3	905 Arnold Ave	PM Transformer, T-2800, Satisfactory Condition.		
4	913 Arnold Ave	Secondary Splice Box, Satisfactory Condition.		
5	1104 Arnold Ave	Splice Box, Satisfactory Condition.		
6	1104 Arnold Ave	PM Transformer, T-1733, Satisfactory Condition.		
7	1124 Arnold Ave	Splice Box, Satisfactory Condition.		
8	1124 Arnold Ave	PM Transformer, T-1732, Satisfactory Condition.		
9	1108 Acher St	Splice Box, Satisfactory Condition.		
10	1109 Archer St	PM Transformer, T-2243, Satisfactory Condition.		
11	North D St (1300 Block)	Splice Box, Satisfactory Condition.		

County:	Santa Barbara		Comments		
Inspection Area:	Lompoc	Utility: City of Lompoc	Utility: Comcast	Utility: Comcast	
SSE No.:	Infraction Location				
12	North C St & Colbert Dr	Splice Box, Satisfactory Condition.			
13	525 Coleman Dr	Splice Box, Satisfactory Condition.			