

July 1, 2005

Docket Clerk
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, California 94102

RE: I.95-02-015; R.96-11-004

Dear Docket Clerk:

Enclosed for filing with the Commission are the original and five copies of the **SOUTHERN CALIFORNIA EDISON COMPANY'S (U 338-E) ANNUAL REPORT OF 2004 ACTIVITIES FILED PURSUANT TO GENERAL ORDER NO. 165** in the above-referenced proceeding.

We request that a copy of this document be file-stamped and returned for our records. A self-addressed, stamped envelope is enclosed for your convenience.

Your courtesy in this matter is appreciated.

Very truly yours,



Megan Scott-Kakures

MSK:aa:LW051780003
Enclosures

cc: All Parties of Record
(U 338-E)

**BEFORE THE PUBLIC UTILITIES COMMISSION OF THE
STATE OF CALIFORNIA**

Commission Order Instituting)	I.95-02-015
Investigation Into the Rates, Charges,)	(Filed February 22, 1995)
Services, and Practices of Pacific Gas &)	
Electric Company (U 39-M))	
<hr/>		
Order Instituting Rulemaking for Electric)	R.96-11-004
Distribution Facility Standard Setting.)	(Filed November 8, 1996)
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**SOUTHERN CALIFORNIA EDISON COMPANY'S (U 338-E)
ANNUAL REPORT OF 2004 ACTIVITIES FILED
PURSUANT TO GENERAL ORDER NO. 165**

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Dated: July 1, 2005

**SOUTHERN CALIFORNIA EDISON COMPANY'S (U 338-E)
ANNUAL REPORT OF 2004 ACTIVITIES FILED
PURSUANT TO GENERAL ORDER NO. 165**

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**SOUTHERN CALIFORNIA EDISON COMPANY'S (U 338-E)
ANNUAL REPORT OF 2004 ACTIVITIES FILED
PURSUANT TO GENERAL ORDER NO. 165**

Pursuant to General Order No. 165 (“G.O. 165”) and Decision No. 97-03-070 issued by the California Public Utilities Commission (the “Commission”), and to Rule 32 of the Commission’s Rules of Practice and Procedure (Title 20, *Cal. Code Reg’s* § 32), Southern California Edison Company (“SCE”) hereby files its 2004 Annual Report describing compliance activities completed in 2004 and planned for 2005. The data for this report is drawn from SCE’s Work Management System (“WMS”).

The numbers of overhead and underground distribution facilities referred to in this report are based on SCE’s recorded system data from December 31, 2004. Because of the complex and dynamic nature of SCE’s overhead and underground electric system, equipment quantities and system configurations change continually due to factors such as adding and removing equipment to accommodate new customer connections and load growth;

requests from customers, city and governmental agencies to relocate facilities; the sale and/or acquisition of existing distribution systems; and the retirement of aging plant.

I.

INTRODUCTION AND SUMMARY

In 2004, SCE completed 4,099 circuit patrols, 4,034 detailed inspection grids, 155,349 intrusive wood pole inspections, and 51,984 corrective actions on facilities subject to G.O. 165. This report includes two attachments incorporated herein by this reference: Attachment A is a table containing summary data of SCE's compliance activities for 2004 presented on a system wide basis. Attachment B contains a series of tables providing a detailed presentation of SCE's 2004 compliance activities, by equipment type, with work location breakdowns.

II.

BACKGROUND

California Public Utilities Code Section 364¹ requires the Commission to adopt standards for the inspection, maintenance, repair, and replacement of electric utility distribution facilities. Subdivision (b) of that section provides that, in setting standards for maintenance, repair, and replacement, the Commission shall consider cost, local geography and weather, applicable codes, national electric industry practices, sound engineering judgment, and experience.

In Decision No. 97-03-070, effective March 1, 1997, the Commission adopted G.O. 165, which established minimum inspection requirements for

¹ All code references are to the California Public Utilities Code unless otherwise noted.

certain electric distribution facilities (including maximum allowable inspection cycle lengths), condition rating, and recordkeeping and reporting on scheduling and performance of corrective action. G.O. 165 imposed the following reporting requirements:

Each utility shall submit to the Commission an annual report detailing its compliance with the general order. These reports will include the utility's plans for the types of inspections and equipment to be inspected during the coming year. The report shall identify the number of facilities, by type, which have been inspected during the previous period. It shall identify those facilities which were scheduled for inspection but which were not inspected according to schedule and shall explain why the inspections were not conducted, and a date certain by which the required inspection will occur. The report shall also present the total and percentage breakdown of equipment rated at each condition rating level, including that equipment determined to be in need of corrective action. Where corrective action was scheduled during the reporting period, the report will present the total and percentage of equipment which was and was not corrected during the reporting period. For the latter, an explanation will be provided, including a date certain by which required corrective action will occur. The report will also present totals and the percentage of equipment in need of corrective action, but with a schedule date beyond the reporting period, classified by the amount of time remaining before the scheduled action. All of the above required information shall be presented for each type of identified facility and shall be aggregated by district.²

² G.O. 165, Section IV.

III.

SUMMARY OF SCE'S INSPECTIONS AND CORRECTIVE ACTION ACTIVITIES DURING CALENDAR YEAR 2004

G.O. 165 requires annual inspection performance data, condition ratings, and corrective action information. The following is a narrative summary of the required data. In addition, Attachment A contains a tabular summary of data and Attachment B provides a detailed breakdown of data for each distribution work location.

A. Patrols

As defined in G.O. 165, a patrol is a simple visual inspection of applicable utility equipment and structures that is designed to identify obvious structural problems and hazards. Patrols may be carried out in the course of other company business.

1. Circuit Patrols (Urban and Rural)

G.O. 165 requires annual patrols of all urban circuits and biennial patrols of all rural circuits. In 2004, SCE completed 4,099, or slightly more than the 4,081 planned circuit patrols. A balance of four circuits due for inspection in 2004 was not completed due to inaccurate information in the WMS. All of the patrols will be completed by the end of 2005.

2. Streetlight Patrols (Urban and Rural)

G.O. 165 requires annual patrols of all urban streetlights, and biennial patrols of all rural streetlights. In 2004, SCE patrolled 100%

of its urban streetlight inventory and all of the planned rural streetlight inventory.

B. Intrusive and Detailed Inspections

1. Generally

In the 2003 Annual Report, SCE reported that overhead detailed inspections were to be completed by geographical grid.³ Based on a grid approach 2,363 grids were due for inspection in 2004. In 2004, SCE also planned to complete 57,922 underground and pad-mounted equipment detailed inspections and 145,000 wood pole intrusive inspections. SCE completed 4,034 overhead detailed grid inspections, 63,402 underground and pad-mounted equipment detailed inspections and 155,349 wood pole intrusive inspections in 2004. This represents 171% of the overhead detailed inspections, 109% of the underground and pad mounted equipment detailed inspections and 107% of the wood pole intrusive inspections planned for 2004. As required by G.O. 165 for specific types of equipment, SCE assigned condition ratings based on those detailed and intrusive inspections, as discussed in Section C, below.

2. Intrusive Wood Pole Inspections

In the 2003 Annual Report, SCE reported its plan to complete a total of 145,000 intrusive inspections of wood poles in 2004. The plan

³ As explained in the 2003 Annual Report, SCE believes the grid approach is preferable because it allows us the ability to complete more inspections and maintenance per day due to the geographic proximity of the facilities. This allows us to work more cost-effectively as well as adhere to compliance more efficiently due to numerous changes that can occur in circuits as a result of load changes.

represents what SCE scheduled, not what is actually due in 2004, as all pending intrusive inspections in the first cycle have a due date of March 2007, which is the end of the first cycle. During 2004, SCE completed a total of 155,349 intrusive inspections, or 107% of what was planned. Although SCE completed more than the planned inspections, completions by work location are different from the 2004 plan. Each year completed inspections by work location vary from the plan, depending upon the number of poles remaining to be inspected in a given work location and the number of inspections performed in a particular work location during that year. Overall, our G.O. 165 compliance plan is on track to have all poles older than 15 years (as of 1997) receive their first intrusive inspection by March 31, 2007.

3. Overhead Detailed Inspections

In the 2003 Annual Report, SCE reported that overhead detailed inspections were to be completed by geographical grid. Based on a grid approach 2,363 grids were due for inspection in 2004. As part of a work levelization strategy SCE completed 4,034 overhead detailed grid inspections, or 171% of what was due in 2004. A balance of 14 grid inspections remained, due to changes in the inspection process with the transition to grids that was implemented in 2004. Table B contains overhead detailed inspection information by equipment type. With the exception of 1 grid, which will be completed before the end of this month, all overhead detailed grid inspections due in 2004 have been completed as of the filing of this report. Based on a grid approach 3,228 grids are due for inspection in 2005, although under the work

levelization strategy SCE plans to complete more grids than what is actually due in 2005.

4. Underground and Pad Mounted Equipment Detailed Inspections

In 2004, SCE planned to complete 57,922 underground and pad mounted equipment detailed inspections. SCE actually completed 63,402 underground and pad mounted equipment detailed inspections or 109% of the planned inspections. A balance of 8 underground equipment detailed inspections in 2004 was not completed due to inaccurate information in the WMS. With the exception of 1 switch, and 2 transformers, all of these detailed inspections have been completed as of the filing of this report. The remaining 3 detailed inspections will be completed by the end of 2005.

C. Condition Ratings

G.O. 165 requires SCE to rate the condition of specified equipment during inspection (transformers, switches, regulators, capacitors and conductors). Under SCE's condition rating system, established in 2001, condition rated 1 equipment and structure repairs are generally made immediately. SCE plans ahead for condition rated 2, 3 & 4 repairs. Condition rating 5 is used for all equipment whose condition either does not require any repair or does not require any scheduled repair. To the extent condition rated 5 equipment needs repair, those repairs are completed on equipment and structures in conjunction with planned ahead work for condition rated 2, 3, and 4 repairs. As of December 31, 2004, SCE's condition rating system included 2,701 facilities with Level 2 condition ratings, 26,762

facilities with Level 3 condition ratings and 99,289 facilities with Level 4 condition ratings. The remaining 2,075,183 facilities are condition Level 5.

D. 2004 Planned Corrective Actions

In the 2003 Annual Report, SCE outlined its plan to complete corrective actions on 9,260 facilities with Level 2 condition ratings, 22,103 facilities with Level 3 condition ratings, and 771 facilities with Level 4 condition ratings, for a total of 32,134 planned corrective actions during 2004. Based on the data contained in its WMS, SCE completed corrective actions on 15,968 facilities with Level 2 condition ratings, 24,741 facilities with Level 3 condition ratings and on 11,275 facilities with Level 4 condition ratings, for a total of 51,984 completed corrective actions in 2004.⁴ SCE completed 19,850 more corrective actions than planned for 2004. These totals include (a) corrective actions due for completion in 2003 but reported in the 2003 Annual Report as uncompleted and scheduled for completion in 2004 (see Section III.D of SCE's 2003 Annual Report filed July 1, 2004), (b) corrective actions planned for completion in 2004 based on prior years' inspections, (c) corrective actions that were identified during inspections conducted in 2004 and due for completion in 2004, (d) corrective actions that were identified during inspections conducted in 2004 that were due for completion in subsequent years and were completed ahead of schedule, and (e) corrective actions that were in the pending maintenance log of previous findings and

⁴ TDBU conducted a field review of the corrective actions completed during fourth quarter 2004 to verify the results reported in WMS. Of the corrective actions reviewed, between 11% - 12% were found to be non-conforming; less than 5% of the corrective actions due in 2004 were non-conforming. TDBU has corrected the non-conforming items that were due in 2004, and for items due in 2005 and beyond, new work control documents or work orders have been generated. TDBU is continuing to strengthen its quality controls to improve its processes and take corrective action where appropriate.

due for completion in subsequent years which were actually completed ahead of schedule.

While the total number of corrective actions completed by SCE in 2004 greatly exceeds the plan in aggregate, SCE did not complete all of the scheduled corrective actions. As reflected in Table A, page 3, there was a balance of 2,542 planned corrective actions that were not completed as of the end of 2004.⁵ With the exception of 620 wood poles, 2 switches, and 4 transformers, all of these corrective actions have been completed as of the filing of this report. Of the remaining poles, all of these are either awaiting environmental clearance, are associated with customer access/permitting issues, or are current work in progress. All of these remaining pole-related corrective actions are expected to be completed by the end of 2005 with the possible exception of certain environmental poles. The corrective actions on both the switches and the transformers will be completed by the end of 2005.


In addition, SCE plans to complete 35,762 corrective actions in 2005, which is 11% higher than the number of corrective actions planned in 2004.

⁵ Based on the field review of corrective actions referred to in footnote 4, it is possible some corrective actions due in 2004 and reported in WMS as completed during the first through third quarter 2004 were not completed or were not completed to SCE standards. SCE is in the process of strengthening its quality controls in this area to better ensure that the data contained in WMS reflects the conditions in the field.

The increase in corrective actions is directly related to the inspection findings from the detailed and intrusive inspection programs.

Respectfully submitted,

MEGAN SCOTT-KAKURES
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By: Megan Scott-Kakures

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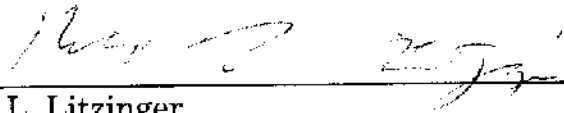
Dated: July 1, 2005

VERIFICATION

I am the Senior Vice President of the Transmission and Distribution Business Unit of Southern California Edison Company, and am authorized to make this verification on its behalf. I am informed and believe to the best of my knowledge that the matters stated in the foregoing document are true.

I declare under penalty of perjury that the foregoing is true and correct.

Executed this 1st day of July, 2005, at Rosemead, California.



Ronald L. Litzinger
Senior Vice President, Transmission & Distribution
SOUTHERN CALIFORNIA EDISON COMPANY

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TABLE A
2004 GENERAL ORDER 165 ANNUAL REPORT
Electric Distribution Facilities System Summary

	Yr End 2004 Total Inventory	2004 INSPECTION CYCLES (Maximum Intervals in Years)						2004 INSPECTIONS						
		Patrol		Detailed		Intrusive		Patrols			Detail or Intrusive (4)			
		Urban	Rural	Urban	Rural	Urban	Rural	Planned (1)	Complete (3)	Balance	Planned (1)	Complete	Balance	
Distribution Equipment														
Transformers														
Overhead	458,521	1	2	5	5	-	-	448,075	449,610	380	100,093	143,077	612	
Underground	103,377	1	2	3	3	-	-	102,466	103,375	105	28,035	30,264	5	
Pad Mounted	127,622	1	2	5	6	-	-	125,890	126,918	111	16,114	17,575	-	
Sub-Total	689,520							676,431	679,903	596	144,242	190,916	622	
Switching/Protective Devices														
Overhead	9,729	1	2	5	5	-	-	9,474	9,509	10	2,293	3,032	13	
Underground	30,419	1	2	3	3	-	-	30,151	30,371	35	10,589	11,622	3	
Pad Mounted	8,916	1	2	5	5	-	-	8,796	8,880	8	3,167	3,451	-	
Sub-Total	49,064							48,421	48,759	53	16,049	18,105	16	
Regulators														
Overhead	97	1	2	5	5	-	-	90	90	0	15	27	-	
Underground	-	1	2	3	3	-	-	-	-	-	-	-	-	
Pad Mounted	24	1	2	5	5	-	-	24	24	-	-	2	-	
Sub-Total	121							113	113	0	15	29	-	
Capacitors														
Overhead	10,790	1	2	5	5	-	-	10,638	10,700	10	2,100	4,350	1	
Underground	-	1	2	3	3	-	-	-	-	-	-	-	-	
Pad Mounted	1,370	1	2	5	5	-	-	1,361	488	2	17	488	-	
Sub-Total	12,160							11,999	11,188	12	2,117	4,838	-	
Conductors, Cables														
Overhead (Conductor Miles) (2)	166,474	1	2	5	5	-	-	161,508	161,871	134	36,152	50,523	229	
Circuits (Patrol)	4,153	1	2	5	5	-	-	4,081	4,099	4	N/A	N/A	N/A	
Grids in System (Detail)	15,353	1	2	5	5	-	-	N/A	N/A	N/A	2,363	4,034	14	
Street Lights	599,099	1	2	-	-	-	-	589,191	589,191	-	N/A	N/A	N/A	
Wood Poles (Intrusive) (5)	1,373,390	1	2	-	-	10/20	10/20	1,335,486	1,339,568	1,200	145,000	155,349	-	
TOTAL	2,909,334							2,827,230	2,834,692	1,999	343,575	419,760	867	

- (1) Planned inspection quantities differ from 2003 GO165 Report due to changes in inventory.
- (2) Conductor inventory and inspections are reported in conductor miles.
- (3) Completed Patrol inspections are based on the percentage of total patrolled circuits (excluding street lights).
- (4) Completed Overhead Detail Inspections are based on the percentage of total grids inspected
- (5) Inventory does not include combination transmission and distribution poles (poles which have both transmission and distribution equipment). Combination poles were included in prior reports.

TABLE A
2004 GENERAL ORDER 165 ANNUAL REPORT
Electric Distribution Facilities System Summary

	Yr End 2004 Total Inventory	YEAR END 2004 CONDITION RATING (1)								
		Level 2		Level 3		Level 4		Level 5		Total
		Total	% (1)	Total	% (1)	Total	% (1)	Total	% (1)	
Distribution Equipment										
Transformers										
Overhead	458,521	121	0.03%	803	0.18%	190	0.04%	457,407	99.76%	458,521
Underground	103,377	18	0.02%	399	0.39%	117	0.11%	102,843	99.48%	103,377
Pad Mounted	127,622	37	0.03%	736	0.58%	258	0.20%	126,591	99.19%	127,622
Sub-Total	689,520	176	0.03%	1,938	0.28%	565	0.08%	686,841	99.61%	689,520
Switching/Protective Devices										
Overhead	9,729	8	0.08%	4	0.04%	6	0.06%	9,711	99.81%	9,729
Underground	30,419	19	0.06%	278	0.91%	132	0.43%	29,990	98.59%	30,419
Pad Mounted	8,916	4	0.04%	107	1.20%	46	0.52%	8,759	98.24%	8,916
Sub-Total	49,064	31	0.06%	389	0.79%	184	0.38%	48,460	98.77%	49,064
Regulators										
Overhead	97	-	0.00%	-	0.00%	1	1.03%	96	98.97%	97
Underground	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
Pad Mounted	24	-	0.00%	-	0.00%	-	0.00%	24	100.00%	24
Sub-Total	121	-	0.00%	-	0.00%	1	0.83%	120	99.17%	121
Capacitors										
Overhead	10,790	19	0.18%	178	1.65%	471	4.37%	10,122	93.81%	10,790
Underground	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
Pad Mounted	1,370	3	0.22%	20	1.46%	57	4.16%	1,290	94.16%	1,370
Sub-Total	12,160	22	0.18%	198	1.63%	528	4.34%	11,412	93.85%	12,160
Conductors, Cables										
Overhead (Conductor Miles) (2)	166,474	754	N/A	11,464	N/A	67,462	N/A	N/A	N/A	79,680
Circuits (Patrol)	4,153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grids in System (Detail)	15,353	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Street Lights	599,099	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Wood Poles (Intrusive) (5)	1,373,390	1,718	0.13%	12,773	0.93%	30,549	2.22%	1,328,350	96.72%	1,373,390
TOTAL	2,909,334	2,701		26,762		99,289		2,075,183		2,203,935

(1) Percentage of Total Year End 2003 Inventory.

(2) Conductor Condition Levels are reported as number of problems.

TABLE A
2004 GENERAL ORDER 165 ANNUAL REPORT
Electric Distribution Facilities System Summary

	2004 CORRECTIVE ACTIONS (1)																
	Yr End 2004 Total Inventory	Level 2				Level 3				Level 4				Summary Level 2,3,4			
		Planned	Completed	Balance	% (1)	Planned	Completed	Balance	% (1)	Planned	Completed	Balance	% (1)	Planned	Completed	Balance	% (1)
Distribution Equipment																	
Transformers																	
Overhead	458,521	583	1,364	27	1.94%	112	408	8	1.92%	8	49	-	0.00%	703	1,821	35	1.89%
Underground	103,377	238	576	12	2.04%	384	558	3	0.53%	7	19	4	17.39%	629	1,153	19	1.62%
Pad Mounted	127,622	455	1,097	9	0.81%	977	1,410	2	0.14%	20	37	-	0.00%	1,452	2,544	11	0.43%
Sub-Total	689,520	1,276	3,037	48	1.56%	1,473	2,376	13	0.54%	35	105	4	3.67%	2,784	5,518	65	1.16%
Switching/Protective Devices																	
Overhead	9,729	25	242	4	1.63%	6	89	1	1.11%	24	127	-	0.00%	55	458	5	1.08%
Underground	30,419	326	676	5	0.73%	221	408	6	1.45%	7	31	-	0.00%	554	1,115	11	0.98%
Pad Mounted	8,916	62	137	-	0.00%	75	137	-	0.00%	3	5	-	0.00%	140	279	-	0.00%
Sub-Total	49,064	413	1,055	9	0.85%	302	634	7	1.09%	34	163	-	0.00%	749	1,852	16	0.86%
Regulators																	
Overhead	97	-	3	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	3	-	0.00%
Underground	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Pad Mounted	24	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Sub-Total	121	-	3	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	3	-	0.00%
Capacitors																	
Overhead	10,790	81	203	7	3.33%	67	191	-	0.00%	79	532	-	0.00%	227	926	7	0.75%
Underground	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Pad Mounted	1,370	6	36	-	0.00%	11	19	1	5.00%	5	58	-	0.00%	22	113	1	0.88%
Sub-Total	12,160	87	239	7	2.85%	78	210	1	0.47%	84	590	-	0.00%	249	1,039	8	0.76%
Conductors, Cables																	
Overhead (Conductor Miles) (2)	166,474	3,963	7,269	407	5.30%	11,937	13,719	424	3.00%	350	8,459	9	0.11%	16,250	29,447	840	2.77%
Circuits (Patrol)	4,153	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Grids in System (Detail)	15,353	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Street Lights	599,099	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Wood Poles (Intrusive) (5)	1,373,390	3,521	4,365	815	15.73%	8,313	7,802	798	9.28%	268	1,958	-	0.00%	12,102	14,125	1,613	10.25%
TOTAL	2,909,334	9,260	15,968	1,286	7.45%	22,103	24,741	1,243	4.78%	771	11,275	13	0.12%	32,134	51,984	2,542	4.66%

(1) Remaining as % of Balance / Completed + Balance.
(2) Conductor Corrective Actions are reported as number of problems.

TABLE A
2004 GENERAL ORDER 165 ANNUAL REPORT
Electric Distribution Facilities System Summary

	Yr End 2004 Total Inventory	Yr 2005 Patrols (1)	YEAR 2005 PLAN						
			Detail or Intrusive Inspections			Corrective Actions			
			2004 Remaining	2005 Plan	2005 Total	2004 Remaining	2005 Plan (2)	Total 2005 Plan	
Distribution Equipment									
Transformers									
Overhead	458,521	415,600	612	88,167	88,779	35	1,022	1,057	
Underground	103,377	98,735	10	34,658	34,668	19	999	1,018	
Pad Mounted	127,622	117,743	-	18,829	18,829	11	1,959	1,970	
Sub-Total	689,520	632,077	622	141,654	142,276	65	3,980	4,045	
Switching/Protective Devices									
Overhead	9,729	8,510	13	1,987	2,000	5	75	80	
Underground	30,419	28,975	3	10,243	10,246	11	937	948	
Pad Mounted	8,916	8,181	-	2,430	2,430	-	238	238	
Sub-Total	49,064	45,666	16	14,660	14,676	16	1,250	1,266	
Regulators									
Overhead	97	67	-	21	21	-	-	-	
Underground	-	-	-	-	-	-	-	-	
Pad Mounted	24	21	-	-	-	-	-	-	
Sub-Total	121	87	-	21	21	-	-	-	
Capacitors									
Overhead	10,790	10,105	-	700	700	7	377	384	
Underground	-	-	-	-	-	-	-	-	
Pad Mounted	1,370	1,314	-	127	127	1	82	83	
Sub-Total	12,160	11,419	-	827	827	8	459	467	
Conductors, Cables									
Overhead (Conductor Miles) (2)	166,474	146,938	229	32,097	32,325	840	11,952	12,792	
Circuits (Patrol)	4,153	3,836	4	3,836	3,840	N/A	N/A	N/A	
Grids in System (Detail)	15,353	-	14	3,214	3,228	N/A	N/A	N/A	
Street Lights	599,099	599,099	N/A	N/A	N/A	N/A	N/A	N/A	
Wood Poles (Intrusive) (5)	1,373,390	1,216,762	-	130,000	130,000	1,613	15,579	17,192	
TOTAL	2,909,334	2,655,883	871	323,094	323,966	2,542	33,220	35,762	

(2) Conductor Inventory and Inspections are reported in conductor miles and Corrective Actions are reported as number of problems.

TABLE B-1.1
2004 GENERAL ORDER 165 ANNUAL REPORT
Overhead Transformer

Work Locations	Yr End 2004 Inventory	2004 INSPECTIONS					
		PATROLS			DETAILED		
		Planned	Comp.	Balance	Planned	Comp.	Balance
36 Antelope Valley	15,854	15,692	15,692	-	1,142	2,626	10
52 Tehachapi	5,302	5,037	5,037	-	585	1,121	-
53 Kernville	3,892	3,892	3,892	-	836	836	-
72 Barstow	6,865	4,616	3,551	-	-	290	-
73 Victorville	21,178	20,957	20,957	-	9,103	10,543	-
85 Bishop	2,337	2,337	2,337	-	366	666	-
86 Ridgecrest	4,835	3,022	3,022	-	695	1,329	-
Highland Region Totals:	60,263	55,554	54,488	-	12,728	17,409	10
32 Compton	26,450	26,450	26,450	-	3,306	4,872	-
42 Santa Monica	7,436	7,488	7,488	-	-	525	-
44 South Bay	23,721	23,721	23,721	-	10,814	13,372	233
46 Long Beach	18,929	18,929	18,857	72	103	3,189	-
47 Whittier	12,988	12,988	12,988	-	2,836	2,986	149
Metro West Region Totals:	89,524	89,576	89,503	72	17,060	24,944	382
35 Thousand Oaks	9,245	9,245	9,160	85	-	476	-
39 Ventura	17,746	17,570	17,746	-	723	2,193	-
49 Santa Barbara	9,409	9,291	9,291	-	4,068	4,068	-
59 Valencia	5,800	5,800	5,800	-	710	1,569	-
North Coast Region Totals:	42,200	41,907	41,998	85	5,500	8,307	-
50 Shaver	477	477	477	-	270	279	-
51 San Joaquin	63,492	63,492	63,492	-	502	21,052	-
San Joaquin Region Totals:	63,969	63,969	63,969	-	772	21,332	-
30 Foothill	10,408	10,227	10,770	-	2,417	2,417	-
31 Redlands	18,698	18,591	19,128	-	2,910	3,166	86
40 Arrowhead	3,217	3,217	3,217	-	1,438	1,514	38
79 Palm Springs	9,723	9,657	9,657	-	3,151	3,557	34
84 29 Palms	12,394	8,853	8,853	-	-	559	-
87 Blythe	3,278	3,189	3,189	-	210	777	-
Desert Region Totals:	57,718	53,734	54,814	-	10,125	11,990	157
22 Montebello	18,749	18,509	18,749	-	11,851	12,735	-
26 Covina	22,146	22,146	22,146	-	12,627	13,113	-
27 Monrovia	19,609	19,248	19,368	120	569	1,392	-
34 Ontario	14,818	14,818	14,818	-	4,896	5,841	-
Metro East Region Totals:	75,322	74,721	75,081	120	29,944	33,081	-
29 Santa Ana	17,559	17,354	17,764	103	8,239	8,405	-
33 Huntington Beach	9,909	9,760	9,909	-	3,444	4,186	-
43 Saddleback	1,722	1,710	1,747	-	692	739	-
48 Fullerton	17,108	17,108	17,218	-	6,140	7,036	-
61 Catalina	227	227	227	-	20	-	20
Orange Region Totals:	46,525	46,158	46,865	103	18,534	20,367	20
77 San Jacinto	23,000	22,458	22,892	-	5,430	5,647	43
San Jacinto Region Totals:	23,000	22,458	22,892	-	5,430	5,647	43
SYSTEM TOTALS	458,521	448,075	449,610	380	100,093	143,077	612

TABLE B-1.1
2004 GENERAL ORDER 165 ANNUAL REPORT
Overhead Transformer

Work Locations	Yr End 2004 Inventory	CONDITION RATING LEVELS								Total
		2	%	3	%	4	%	5	%	
36 Antelope Valley	15,854	5	0.03%	2	0.01%	1	0.01%	15,846	99.95%	15,854
52 Tehachapi	5,302	-	0.00%	1	0.02%	-	0.00%	5,301	99.98%	5,302
53 Kernville	3,892	-	0.00%	1	0.03%	1	0.03%	3,890	99.95%	3,892
72 Barstow	6,865	1	0.01%	9	0.13%	-	0.00%	6,855	99.85%	6,865
73 Victorville	21,178	3	0.01%	34	0.16%	-	0.00%	21,141	99.83%	21,178
85 Bishop	2,337	-	0.00%	2	0.09%	-	0.00%	2,335	99.91%	2,337
86 Ridgecrest	4,835	-	0.00%	-	0.00%	-	0.00%	4,835	100.00%	4,835
Highland Region Totals:	60,263	9	0.01%	49	0.08%	2	0.00%	60,203	99.90%	60,263
32 Compton	26,450	1	0.00%	6	0.02%	8	0.03%	26,435	99.94%	26,450
42 Santa Monica	7,436	2	0.03%	-	0.00%	-	0.00%	7,434	99.97%	7,436
44 South Bay	23,721	10	0.04%	89	0.38%	1	0.00%	23,621	99.58%	23,721
46 Long Beach	18,929	8	0.04%	3	0.02%	16	0.08%	18,902	99.86%	18,929
47 Whittier	12,988	2	0.02%	3	0.02%	5	0.04%	12,978	99.92%	12,988
Metro West Region Totals:	89,524	23	0.03%	101	0.11%	30	0.03%	89,370	99.83%	89,524
35 Thousand Oaks	9,245	1	0.01%	2	0.02%	6	0.06%	9,236	99.90%	9,245
39 Ventura	17,746	7	0.04%	5	0.03%	1	0.01%	17,733	99.93%	17,746
49 Santa Barbara	9,409	-	0.00%	16	0.17%	1	0.01%	9,392	99.82%	9,409
59 Valencia	5,800	3	0.05%	5	0.09%	8	0.14%	5,784	99.72%	5,800
North Coast Region Totals:	42,200	11	0.03%	28	0.07%	16	0.04%	42,145	99.87%	42,200
50 Shaver	477	-	0.00%	-	0.00%	-	0.00%	477	100.00%	477
51 San Joaquin	63,492	8	0.01%	18	0.03%	16	0.03%	63,450	99.93%	63,492
San Joaquin Region Totals:	63,969	8	0.01%	18	0.03%	16	0.03%	63,927	99.93%	63,969
30 Foothill	10,408	3	0.03%	14	0.13%	16	0.15%	10,375	99.68%	10,408
31 Redlands	18,698	8	0.04%	44	0.24%	17	0.09%	18,629	99.63%	18,698
40 Arrowhead	3,217	-	0.00%	3	0.09%	1	0.03%	3,213	99.88%	3,217
79 Palm Springs	9,723	2	0.02%	39	0.40%	-	0.00%	9,682	99.58%	9,723
84 29 Palms	12,394	-	0.00%	3	0.02%	35	0.28%	12,356	99.69%	12,394
87 Blythe	3,278	-	0.00%	-	0.00%	-	0.00%	3,278	100.00%	3,278
Desert Region Totals:	57,718	13	0.02%	103	0.18%	69	0.12%	57,533	99.68%	57,718
22 Montebello	18,749	9	0.05%	91	0.49%	-	0.00%	18,649	99.47%	18,749
26 Covina	22,146	10	0.05%	249	1.12%	6	0.03%	21,881	98.80%	22,146
27 Monrovia	19,609	16	0.08%	41	0.21%	5	0.03%	19,547	99.68%	19,609
34 Ontario	14,818	3	0.02%	59	0.40%	27	0.18%	14,729	99.40%	14,818
Metro East Region Totals:	75,322	38	0.05%	440	0.58%	38	0.05%	74,806	99.31%	75,322
29 Santa Ana	17,559	4	0.02%	17	0.10%	1	0.01%	17,537	99.87%	17,559
33 Huntington Beach	9,909	6	0.06%	5	0.05%	1	0.01%	9,897	99.88%	9,909
43 Saddleback	1,722	-	0.00%	-	0.00%	-	0.00%	1,722	100.00%	1,722
48 Fullerton	17,108	5	0.03%	25	0.15%	2	0.01%	17,076	99.81%	17,108
61 Catalina	227	-	0.00%	-	0.00%	-	0.00%	227	100.00%	227
Orange Region Totals:	46,525	15	0.03%	47	0.10%	4	0.01%	46,459	99.86%	46,525
77 San Jacinto	23,000	4	0.02%	17	0.07%	15	0.07%	22,964	99.84%	23,000
San Jacinto Region Totals:	23,000	4	0.02%	17	0.07%	15	0.07%	22,964	99.84%	23,000
SYSTEM TOTALS	458,521	121	0.03%	803	0.18%	190	0.04%	457,407	99.76%	458,521

TABLE B-1.1
2004 GENERAL ORDER 165 ANNUAL REPORT
Overhead Transformer

Work Locations	Yr End 2004 Inventory	CORRECTIVE ACTIONS															
		Level 2				Level 3				Level 4				Summary (Level 2,3,4)			
		Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%
36 Antelope Valley	15,854	23	71	-	0.00%	1	3	-	0.00%	-	1	-	0.00%	24	75	-	0.00%
52 Tehachapi	5,302	5	9	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	5	9	-	0.00%
53 Kernville	3,892	2	7	-	0.00%	1	1	-	0.00%	-	1	-	0.00%	3	9	-	0.00%
72 Barstow	6,865	6	9	-	0.00%	-	1	-	0.00%	-	-	-	0.00%	6	10	-	0.00%
73 Victorville	21,178	13	26	-	0.00%	-	2	-	0.00%	-	-	-	0.00%	13	28	-	0.00%
85 Bishop	2,337	2	3	-	0.00%	1	1	-	0.00%	-	-	-	0.00%	3	4	-	0.00%
86 Ridgecrest	4,835	7	11	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	7	11	-	0.00%
Highland Region Totals:	60,263	58	136	-	0.00%	3	8	-	0.00%	-	2	-	0.00%	61	146	-	0.00%
32 Compton	26,450	13	21	1	4.55%	9	14	-	0.00%	-	-	-	0.00%	22	35	1	2.78%
42 Santa Monica	7,436	5	10	4	28.57%	1	1	-	0.00%	-	-	-	0.00%	6	11	4	26.67%
44 South Bay	23,721	41	74	4	5.13%	22	45	-	0.00%	3	4	-	0.00%	66	123	4	3.15%
46 Long Beach	18,929	30	41	7	14.58%	11	29	2	6.45%	2	7	-	0.00%	43	77	9	10.47%
47 Whittier	12,988	7	17	1	5.56%	2	3	1	25.00%	-	3	-	0.00%	9	23	2	8.00%
Metro West Region Totals:	89,524	96	163	17	9.44%	45	92	3	3.16%	5	14	-	0.00%	146	269	20	6.92%
35 Thousand Oaks	9,245	6	33	-	0.00%	2	5	-	0.00%	-	2	-	0.00%	8	40	-	0.00%
39 Ventura	17,746	39	94	-	0.00%	1	3	-	0.00%	-	1	-	0.00%	40	98	-	0.00%
49 Santa Barbara	9,409	17	35	-	0.00%	1	8	-	0.00%	-	-	-	0.00%	18	43	-	0.00%
59 Valencia	5,800	7	23	2	8.00%	-	-	-	0.00%	-	1	-	0.00%	7	24	2	7.69%
North Coast Region Totals:	42,200	69	185	2	1.07%	4	16	-	0.00%	-	4	-	0.00%	73	205	2	0.97%
50 Shaver	477	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
51 San Joaquin	63,492	31	81	-	0.00%	4	18	-	0.00%	-	-	-	0.00%	35	99	-	0.00%
San Joaquin Region Totals:	63,969	31	81	-	0.00%	4	18	-	0.00%	-	-	-	0.00%	35	99	-	0.00%
30 Foothill	10,408	21	54	-	0.00%	4	7	-	0.00%	1	4	-	0.00%	26	65	-	0.00%
31 Redlands	18,698	26	73	1	1.35%	13	27	-	0.00%	-	7	-	0.00%	39	107	1	0.93%
40 Arrowhead	3,217	19	30	-	0.00%	6	27	1	3.57%	-	2	-	0.00%	25	59	1	1.67%
79 Palm Springs	9,723	27	39	1	2.50%	3	12	-	0.00%	-	1	-	0.00%	30	52	1	1.89%
84 29 Palms	12,394	5	20	1	4.76%	2	2	1	33.33%	-	2	-	0.00%	7	24	2	7.69%
87 Blythe	3,278	1	1	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	1	1	-	0.00%
Desert Region Totals:	57,718	99	217	3	1.36%	28	75	2	2.60%	1	16	-	0.00%	128	308	5	1.60%
22 Montebello	18,749	23	57	1	1.72%	1	15	-	0.00%	-	-	-	0.00%	24	72	1	1.37%
26 Covina	22,146	45	122	1	0.81%	5	115	1	0.86%	-	6	-	0.00%	50	243	2	0.82%
27 Monrovia	19,609	17	70	-	0.00%	9	27	-	0.00%	-	-	-	0.00%	26	97	-	0.00%
34 Ontario	14,818	26	55	1	1.79%	4	20	2	9.09%	-	3	-	0.00%	30	78	3	3.70%
Metro East Region Totals:	75,322	111	304	3	0.98%	19	177	3	1.67%	-	9	-	0.00%	130	490	6	1.21%
29 Santa Ana	17,559	33	67	1	1.47%	-	1	-	0.00%	1	1	-	0.00%	34	69	1	1.43%
33 Huntington Beach	9,909	23	54	-	0.00%	1	1	-	0.00%	-	1	-	0.00%	24	56	-	0.00%
43 Saddleback	1,722	1	2	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	1	2	-	0.00%
48 Fullerton	17,108	13	53	1	1.85%	4	7	-	0.00%	1	1	-	0.00%	18	61	1	1.61%
61 Catalina	227	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Orange Region Totals:	46,525	70	176	2	1.12%	5	9	-	0.00%	2	3	-	0.00%	77	188	2	1.05%
77 San Jacinto	23,000	49	102	-	0.00%	4	13	-	0.00%	-	1	-	0.00%	53	116	-	0.00%
San Jacinto Region Totals:	23,000	49	102	-	0.00%	4	13	-	0.00%	-	1	-	0.00%	53	116	-	0.00%
SYSTEM TOTALS	458,521	583	1,364	27	1.94%	112	408	8	1.92%	8	49	-	0.00%	703	1,821	35	1.89%

TABLE B-1.1
2004 GENERAL ORDER 165 ANNUAL REPORT
Overhead Transformer

Work Locations	Yr End 2004 Inventory	2005 Patrols	YEAR 2005 PLAN					
			Detailed Inspections			Corrective Actions		
			2004 Remaining	2005 Detailed	2005 Total	2004 Remaining	2005 Planned	2005 Total
36 Antelope Valley	15,854	15,530	10	20	30	-	33	33
52 Tehachapi	5,302	265	-	2,158	2,158	-	3	3
53 Kernville	3,892	195	-	1,048	1,048	-	2	2
72 Barstow	6,865	3,314	-	2,344	2,344	-	3	3
73 Victorville	21,178	15,884	-	4,226	4,226	-	21	21
85 Bishop	2,337	1,194	-	872	872	-	1	1
86 Ridgecrest	4,835	1,899	-	1,411	1,411	-	4	4
Highland Region Totals:	60,263	38,282	10	12,079	12,089	-	67	67
32 Compton	26,450	26,450	-	348	348	1	16	17
42 Santa Monica	7,436	7,436	-	2,537	2,537	4	7	11
44 South Bay	23,721	23,721	233	8,023	8,256	4	50	54
46 Long Beach	18,929	18,929	-	1,235	1,235	9	9	18
47 Whittier	12,988	12,988	149	1,791	1,941	2	6	8
Metro West Region Totals:	89,524	89,524	382	13,934	14,316	20	88	108
35 Thousand Oaks	9,245	9,245	-	-	-	-	13	13
39 Ventura	17,746	17,746	-	-	-	-	31	31
49 Santa Barbara	9,409	9,409	-	1,646	1,646	-	12	12
59 Valencia	5,800	5,536	-	1,952	1,952	2	11	13
North Coast Region Totals:	42,200	41,936	-	3,597	3,597	2	67	69
50 Shaver	477	-	-	111	111	-	-	-
51 San Joaquin	63,492	63,492	-	17,918	17,918	-	94	94
San Joaquin Region Totals:	63,969	63,492	-	18,029	18,029	-	94	94
30 Foothill	10,408	10,317	-	2,846	2,846	-	68	68
31 Redlands	18,698	17,623	86	3,252	3,337	1	52	53
40 Arrowhead	3,217	2,903	38	1,249	1,287	1	11	12
79 Palm Springs	9,723	8,599	34	3,015	3,049	1	46	47
84 29 Palms	12,394	3,541	-	4,423	4,423	2	9	11
87 Blythe	3,278	886	-	831	831	-	1	1
Desert Region Totals:	57,718	43,870	157	15,615	15,773	5	187	192
22 Montebello	18,749	18,749	-	3,007	3,007	1	43	44
26 Covina	22,146	22,146	-	-	-	2	159	161
27 Monrovia	19,609	19,368	-	380	380	-	66	66
34 Ontario	14,818	14,220	-	4,596	4,596	3	73	76
Metro East Region Totals:	75,322	74,483	-	7,982	7,982	6	341	347
29 Santa Ana	17,559	17,559	-	3,745	3,745	1	39	40
33 Huntington Beach	9,909	9,909	-	2,649	2,649	-	27	27
43 Saddleback	1,722	1,710	-	31	31	-	1	1
48 Fullerton	17,108	17,108	-	5,519	5,519	1	29	30
61 Catalina	227	151	20	163	183	-	-	-
Orange Region Totals:	46,525	46,437	20	12,107	12,127	2	96	98
77 San Jacinto	23,000	17,575	43	4,822	4,865	-	82	82
San Jacinto Region Totals:	23,000	17,575	43	4,822	4,865	-	82	82
SYSTEM TOTALS	458,521	415,600	612	88,167	88,779	35	1,022	1,057

TABLE B-1.2
2004 GENERAL ORDER 165 ANNUAL REPORT
UG Transformer

Work Locations	Yr End 2004 Inventory	2004 INSPECTIONS					
		PATROLS			DETAILED		
		Planned	Comp.	Balance	Planned	Comp.	Balance
36 Antelope Valley	3,713	3,675	3,675	-	976	994	-
52 Tehachapi	71	67	67	-	8	8	-
53 Kernville	78	78	78	-	14	17	-
72 Barstow	184	124	95	-	23	24	-
73 Victorville	1,117	1,105	1,105	-	353	350	1
85 Bishop	28	28	28	-	5	6	-
86 Ridgecrest	372	233	233	-	20	19	-
Highland Region Totals:	5,563	5,310	5,282	-	1,399	1,418	1
32 Compton	2,315	2,315	2,315	-	503	612	-
42 Santa Monica	3,848	3,875	3,875	-	880	1,144	-
44 South Bay	3,906	3,906	3,906	-	1,074	1,283	-
46 Long Beach	2,902	2,902	2,891	11	711	912	-
47 Whittier	1,220	1,220	1,220	-	489	525	-
Metro West Region Totals:	14,191	14,218	14,207	11	3,657	4,476	-
35 Thousand Oaks	6,447	6,447	6,388	59	1,986	2,044	-
39 Ventura	2,894	2,865	2,894	-	550	598	-
49 Santa Barbara	1,542	1,523	1,523	-	566	639	-
59 Valencia	2,081	2,081	2,081	-	607	627	-
North Coast Region Totals:	12,964	12,916	12,886	59	3,709	3,908	-
50 Shaver	18	18	18	-	1	1	-
51 San Joaquin	3,580	3,580	3,580	-	902	934	-
San Joaquin Region Totals:	3,598	3,598	3,598	-	903	935	-
30 Foothill	5,666	5,567	5,863	-	756	821	1
31 Redlands	4,317	4,292	4,416	-	1,102	1,159	-
40 Arrowhead	135	135	135	-	38	38	-
79 Palm Springs	9,182	9,120	9,120	-	2,197	2,351	-
84 29 Palms	98	70	70	-	6	6	-
87 Blythe	88	86	86	-	12	12	-
Desert Region Totals:	19,486	19,270	19,689	-	4,111	4,387	1
22 Montebello	1,899	1,875	1,899	-	354	396	-
26 Covina	6,056	6,056	6,056	-	2,086	2,169	-
27 Monrovia	1,628	1,598	1,608	10	533	588	-
34 Ontario	7,662	7,662	7,662	-	1,759	1,901	-
Metro East Region Totals:	17,245	17,191	17,225	10	4,732	5,054	-
29 Santa Ana	4,295	4,245	4,345	25	1,652	1,728	3
33 Huntington Beach	5,456	5,374	5,456	-	1,642	1,781	-
43 Saddleback	7,689	7,634	7,800	-	2,240	2,334	-
48 Fullerton	5,249	5,249	5,283	-	2,436	2,536	-
61 Catalina	54	54	54	-	10	11	-
Orange Region Totals:	22,743	22,555	22,938	25	7,980	8,390	3
77 San Jacinto	7,587	7,408	7,551	-	1,544	1,696	-
San Jacinto Region Totals:	7,587	7,408	7,551	-	1,544	1,696	-
SYSTEM TOTALS	103,377	102,466	103,375	105	28,035	30,264	5

TABLE B-1.2
2004 GENERAL ORDER 165 ANNUAL REPORT
UG Transformer

Work Locations	Yr End 2004 Inventory	CONDITION RATING LEVELS								Total
		2	%	3	%	4	%	5	%	
36 Antelope Valley	3,713	1	0.03%	3	0.08%	13	0.35%	3,696	99.54%	3,713
52 Tehachapi	71	-	0.00%	-	0.00%	1	1.41%	70	98.59%	71
53 Kernville	78	-	0.00%	-	0.00%	2	2.56%	76	97.44%	78
72 Barstow	184	-	0.00%	-	0.00%	22	11.96%	162	88.04%	184
73 Victorville	1,117	-	0.00%	2	0.18%	-	0.00%	1,115	99.82%	1,117
85 Bishop	28	-	0.00%	-	0.00%	-	0.00%	28	100.00%	28
86 Ridgecrest	372	-	0.00%	3	0.81%	-	0.00%	369	99.19%	372
Highland Region Totals:	5,563	1	0.02%	8	0.14%	38	0.68%	5,516	99.16%	5,563
32 Compton	2,315	-	0.00%	1	0.04%	-	0.00%	2,314	99.96%	2,315
42 Santa Monica	3,848	4	0.10%	3	0.08%	1	0.03%	3,840	99.79%	3,848
44 South Bay	3,906	3	0.08%	37	0.95%	2	0.05%	3,864	98.92%	3,906
46 Long Beach	2,902	-	0.00%	5	0.17%	2	0.07%	2,895	99.76%	2,902
47 Whittier	1,220	-	0.00%	4	0.33%	-	0.00%	1,216	99.67%	1,220
Metro West Region Totals:	14,191	7	0.05%	50	0.35%	5	0.04%	14,129	99.56%	14,191
35 Thousand Oaks	6,447	-	0.00%	158	2.45%	36	0.56%	6,253	96.99%	6,447
39 Ventura	2,894	1	0.03%	-	0.00%	3	0.10%	2,890	99.86%	2,894
49 Santa Barbara	1,542	-	0.00%	4	0.26%	-	0.00%	1,538	99.74%	1,542
59 Valencia	2,081	1	0.05%	25	1.20%	5	0.24%	2,050	98.51%	2,081
North Coast Region Totals:	12,964	2	0.02%	187	1.44%	44	0.34%	12,731	98.20%	12,964
50 Shaver	18	-	0.00%	-	0.00%	-	0.00%	18	100.00%	18
51 San Joaquin	3,580	2	0.06%	-	0.00%	-	0.00%	3,578	99.94%	3,580
San Joaquin Region Totals:	3,598	2	0.06%	-	0.00%	-	0.00%	3,596	99.94%	3,598
30 Foothill	5,666	-	0.00%	3	0.05%	5	0.09%	5,658	99.86%	5,666
31 Redlands	4,317	-	0.00%	12	0.28%	13	0.30%	4,292	99.42%	4,317
40 Arrowhead	135	-	0.00%	-	0.00%	-	0.00%	135	100.00%	135
79 Palm Springs	9,182	-	0.00%	94	1.02%	10	0.11%	9,078	98.87%	9,182
84 29 Palms	98	-	0.00%	-	0.00%	-	0.00%	98	100.00%	98
87 Blythe	88	-	0.00%	-	0.00%	-	0.00%	88	100.00%	88
Desert Region Totals:	19,486	-	0.00%	109	0.56%	28	0.14%	19,349	99.30%	19,486
22 Montebello	1,899	-	0.00%	3	0.16%	-	0.00%	1,896	99.84%	1,899
26 Covina	6,056	1	0.02%	4	0.07%	-	0.00%	6,051	99.92%	6,056
27 Monrovia	1,628	-	0.00%	-	0.00%	-	0.00%	1,628	100.00%	1,628
34 Ontario	7,662	-	0.00%	6	0.08%	-	0.00%	7,656	99.92%	7,662
Metro East Region Totals:	17,245	1	0.01%	13	0.08%	-	0.00%	17,231	99.92%	17,245
29 Santa Ana	4,295	1	0.02%	2	0.05%	-	0.00%	4,292	99.93%	4,295
33 Huntington Beach	5,456	-	0.00%	3	0.05%	1	0.02%	5,452	99.93%	5,456
43 Saddleback	7,689	-	0.00%	4	0.05%	1	0.01%	7,684	99.93%	7,689
48 Fullerton	5,249	1	0.02%	12	0.23%	-	0.00%	5,236	99.75%	5,249
61 Catalina	54	-	0.00%	-	0.00%	-	0.00%	54	100.00%	54
Orange Region Totals:	22,743	2	0.01%	21	0.09%	2	0.01%	22,718	99.89%	22,743
77 San Jacinto	7,587	3	0.04%	11	0.14%	-	0.00%	7,573	99.82%	7,587
San Jacinto Region Totals:	7,587	3	0.04%	11	0.14%	-	0.00%	7,573	99.82%	7,587
SYSTEM TOTALS	103,377	18	0.02%	399	0.39%	117	0.11%	102,843	99.48%	103,377

TABLE B-1.2
2004 GENERAL ORDER 165 ANNUAL REPORT
UG Transformer

Work Locations	Yr End 2004 Inventory	CORRECTIVE ACTIONS															
		Level 2				Level 3				Level 4				Summary (Level 2,3,4)			
		Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%
36 Antelope Valley	3,713	26	38	-	0.00%	9	11	-	0.00%	-	1	-	0.00%	35	50	-	0.00%
52 Tehachapi	71	-	-	-	0.00%	1	1	-	0.00%	-	-	-	0.00%	1	1	-	0.00%
53 Kernville	78	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
72 Barstow	184	1	1	-	0.00%	2	2	-	0.00%	-	1	-	0.00%	3	4	-	0.00%
73 Victorville	1,117	4	4	-	0.00%	19	4	-	0.00%	-	-	-	0.00%	23	8	-	0.00%
85 Bishop	28	-	-	-	0.00%	1	1	-	0.00%	-	-	-	0.00%	1	1	-	0.00%
86 Ridgecrest	372	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Highland Region Totals:	5,563	31	43	-	0.00%	32	19	-	0.00%	-	2	-	0.00%	63	64	-	0.00%
32 Compton	2,315	4	11	-	0.00%	1	19	-	0.00%	-	-	-	0.00%	5	30	-	0.00%
42 Santa Monica	3,848	3	6	4	40.00%	23	20	-	0.00%	1	-	1	100.00%	27	26	5	16.13%
44 South Bay	3,906	3	15	3	16.67%	14	20	1	4.76%	-	-	-	0.00%	17	35	4	10.26%
46 Long Beach	2,902	5	8	-	0.00%	6	18	-	0.00%	-	2	-	0.00%	11	28	-	0.00%
47 Whittier	1,220	1	4	-	0.00%	-	3	-	0.00%	-	-	-	0.00%	1	7	-	0.00%
Metro West Region Totals:	14,191	16	44	7	13.73%	44	80	1	1.23%	1	2	1	33.33%	61	126	9	6.67%
35 Thousand Oaks	6,447	28	37	-	0.00%	18	93	2	2.11%	-	4	1	20.00%	46	134	3	2.19%
39 Ventura	2,894	8	15	-	0.00%	7	7	-	0.00%	-	-	-	0.00%	15	22	-	0.00%
49 Santa Barbara	1,542	6	11	-	0.00%	-	1	-	0.00%	-	-	-	0.00%	6	12	-	0.00%
59 Valencia	2,081	17	20	1	4.76%	18	16	-	0.00%	-	-	-	0.00%	35	36	1	2.70%
North Coast Region Totals:	12,964	59	83	1	1.19%	43	117	2	1.68%	-	4	1	20.00%	102	204	4	1.92%
50 Shaver	18	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
51 San Joaquin	3,580	7	30	1	3.23%	5	6	-	0.00%	-	-	-	0.00%	12	36	1	2.70%
San Joaquin Region Totals:	3,598	7	30	1	3.23%	5	6	-	0.00%	-	-	-	0.00%	12	36	1	2.70%
30 Foothill	5,666	9	17	-	0.00%	22	22	-	0.00%	-	1	-	0.00%	31	40	-	0.00%
31 Redlands	4,317	-	3	-	0.00%	30	30	-	0.00%	1	2	1	33.33%	31	35	1	2.78%
40 Arrowhead	135	1	1	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	1	1	-	0.00%
79 Palm Springs	9,182	31	44	-	0.00%	193	225	-	0.00%	4	6	1	14.29%	228	275	1	0.36%
84 29 Palms	98	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
87 Blythe	88	-	1	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	1	-	0.00%
Desert Region Totals:	19,486	41	66	-	0.00%	245	277	-	0.00%	5	9	2	18.18%	291	352	2	0.56%
22 Montebello	1,899	3	4	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	3	4	-	0.00%
26 Covina	6,056	4	62	-	0.00%	-	18	-	0.00%	-	1	-	0.00%	4	81	-	0.00%
27 Monrovia	1,628	-	3	-	0.00%	3	8	-	0.00%	-	-	-	0.00%	3	11	-	0.00%
34 Ontario	7,662	6	38	-	0.00%	2	9	-	0.00%	-	-	-	0.00%	8	47	-	0.00%
Metro East Region Totals:	17,245	13	107	-	0.00%	5	35	-	0.00%	-	1	-	0.00%	18	143	-	0.00%
29 Santa Ana	4,295	5	14	1	6.67%	-	-	-	0.00%	-	-	-	0.00%	5	14	1	6.67%
33 Huntington Beach	5,456	10	62	-	0.00%	4	5	-	0.00%	-	-	-	0.00%	14	67	-	0.00%
43 Saddleback	7,689	11	24	-	0.00%	1	3	-	0.00%	1	1	-	0.00%	13	28	-	0.00%
48 Fullerton	5,249	10	23	-	0.00%	3	5	-	0.00%	-	-	-	0.00%	13	28	-	0.00%
61 Catalina	54	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Orange Region Totals:	22,743	36	123	1	0.81%	8	13	-	0.00%	1	1	-	0.00%	45	137	1	0.72%
77 San Jacinto	7,587	35	80	2	2.44%	2	11	-	0.00%	-	-	-	0.00%	37	91	2	2.15%
San Jacinto Region Totals:	7,587	35	80	2	2.44%	2	11	-	0.00%	-	-	-	0.00%	37	91	2	2.15%
SYSTEM TOTALS	103,377	238	576	12	2.04%	384	558	3	0.53%	7	19	4	17.39%	629	1,153	19	1.62%

TABLE B-1.2
2004 GENERAL ORDER 165 ANNUAL REPORT
UG Transformer

Work Locations	Yr End 2004 Inventory	2005 Patrols	YEAR 2005 PLAN					
			Detailed Inspections			Corrective Actions		
			2004 Remaining	2005 Detailed	2005 Total	2004 Remaining	2005 Planned	2005 Total
36 Antelope Valley	3,713	3,637	-	1,484	1,484	-	78	78
52 Tehachapi	71	4	-	18	18	-	-	-
53 Kernville	78	4	-	19	19	-	-	-
72 Barstow	184	89	-	59	59	-	24	24
73 Victorville	1,117	838	1	352	353	-	4	4
85 Bishop	28	14	-	8	8	-	4	4
86 Ridgecrest	372	146	-	258	258	-	-	-
Highland Region Totals:	5,563	4,732	1	2,198	2,199	-	110	110
32 Compton	2,315	2,315	-	976	976	-	12	12
42 Santa Monica	3,848	3,848	-	1,091	1,091	5	11	16
44 South Bay	3,906	3,906	-	1,261	1,261	4	50	54
46 Long Beach	2,902	2,902	-	1,011	1,011	-	17	17
47 Whittier	1,220	1,220	-	215	215	-	10	10
Metro West Region Totals:	14,191	14,191	-	4,554	4,554	9	100	109
35 Thousand Oaks	6,447	6,447	-	2,094	2,094	3	221	224
39 Ventura	2,894	2,894	-	906	906	-	26	26
49 Santa Barbara	1,542	1,542	-	357	357	-	9	9
59 Valencia	2,081	1,986	-	719	719	1	45	46
North Coast Region Totals:	12,964	12,869	-	4,076	4,076	4	301	305
50 Shaver	18	-	-	7	7	-	-	-
51 San Joaquin	3,580	3,580	1	1,281	1,282	1	40	41
San Joaquin Region Totals:	3,598	3,580	1	1,288	1,289	1	40	41
30 Foothill	5,666	5,617	1	2,331	2,332	-	17	17
31 Redlands	4,317	4,069	-	1,401	1,401	1	18	19
40 Arrowhead	135	122	-	49	49	-	-	-
79 Palm Springs	9,182	8,120	-	3,221	3,221	1	108	109
84 29 Palms	98	28	-	36	36	-	-	-
87 Blythe	88	24	-	42	42	-	-	-
Desert Region Totals:	19,486	17,979	1	7,080	7,081	2	143	145
22 Montebello	1,899	1,899	-	850	850	-	4	4
26 Covina	6,056	6,056	1	2,224	2,225	-	52	52
27 Monrovia	1,628	1,608	-	519	519	-	1	1
34 Ontario	7,662	7,353	-	2,802	2,802	-	44	44
Metro East Region Totals:	17,245	16,916	1	6,395	6,396	-	101	101
29 Santa Ana	4,295	4,295	3	1,364	1,367	1	7	8
33 Huntington Beach	5,456	5,456	-	1,394	1,394	-	68	68
43 Saddleback	7,689	7,634	-	2,338	2,338	-	20	20
48 Fullerton	5,249	5,249	-	1,241	1,241	-	20	20
61 Catalina	54	36	-	27	27	-	-	-
Orange Region Totals:	22,743	22,670	3	6,364	6,367	1	115	116
77 San Jacinto	7,587	5,798	3	2,703	2,706	2	89	91
San Jacinto Region Totals:	7,587	5,798	3	2,703	2,706	2	89	91
SYSTEM TOTALS	103,377	98,735	10	34,658	34,668	19	999	1,018

TABLE B-1.3
2004 GENERAL ORDER 165 ANNUAL REPORT
Padmount Transformer

Work Locations	Yr End 2004 Inventory	2004 INSPECTIONS					
		PATROLS			DETAILED		
		Planned	Comp.	Balance	Planned	Comp.	Balance
36 Antelope Valley	5,223	5,170	5,170	-	733	771	-
52 Tehachapi	582	553	553	-	58	61	-
53 Kernville	217	217	217	-	11	11	-
72 Barstow	795	535	411	-	49	50	-
73 Victorville	5,344	5,288	5,288	-	606	630	-
85 Bishop	1,325	1,325	1,325	-	81	85	-
86 Ridgecrest	911	569	569	-	75	76	-
Highland Region Totals:	14,397	13,657	13,534	-	1,613	1,684	-
32 Compton	3,439	3,439	3,439	-	289	353	-
42 Santa Monica	700	705	705	-	91	108	-
44 South Bay	2,857	2,857	2,857	-	219	292	-
46 Long Beach	3,475	3,475	3,462	13	558	616	-
47 Whittier	1,803	1,803	1,803	-	130	145	-
Metro West Region Totals:	12,274	12,279	12,266	13	1,287	1,514	-
35 Thousand Oaks	6,146	6,146	6,090	56	1,386	1,441	-
39 Ventura	5,515	5,460	5,515	-	549	576	-
49 Santa Barbara	2,404	2,374	2,374	-	298	306	-
59 Valencia	5,823	5,823	5,823	-	883	916	-
North Coast Region Totals:	19,888	19,803	19,802	56	3,116	3,239	-
50 Shaver	134	134	134	-	9	10	-
51 San Joaquin	4,794	4,794	4,794	-	498	519	-
San Joaquin Region Totals:	4,928	4,928	4,928	-	507	529	-
30 Foothill	5,253	5,162	5,436	-	400	439	-
31 Redlands	4,986	4,957	5,101	-	400	420	-
40 Arrowhead	314	314	314	-	19	22	-
79 Palm Springs	4,283	4,254	4,254	-	411	446	-
84 29 Palms	409	292	292	-	44	45	-
87 Blythe	473	460	460	-	44	48	-
Desert Region Totals:	15,718	15,439	15,857	-	1,318	1,420	-
22 Montebello	1,677	1,656	1,677	-	183	199	-
26 Covina	6,801	6,801	6,801	-	1,280	1,360	-
27 Monrovia	2,019	1,982	1,994	12	161	182	-
34 Ontario	9,836	9,836	9,836	-	877	1,004	-
Metro East Region Totals:	20,333	20,274	20,308	12	2,501	2,745	-
29 Santa Ana	4,939	4,881	4,997	29	897	1,002	-
33 Huntington Beach	5,841	5,753	5,841	-	1,002	1,060	-
43 Saddleback	8,617	8,555	8,741	-	1,494	1,666	-
48 Fullerton	5,073	5,073	5,106	-	985	1,041	-
61 Catalina	54	54	54	-	3	3	-
Orange Region Totals:	24,524	24,316	24,738	29	4,381	4,772	-
77 San Jacinto	15,560	15,193	15,487	-	1,391	1,672	-
San Jacinto Region Totals:	15,560	15,193	15,487	-	1,391	1,672	-
SYSTEM TOTALS	127,622	125,890	126,918	111	16,114	17,575	-

TABLE B-1.3
2004 GENERAL ORDER 165 ANNUAL REPORT
Padmount Transformer

Work Locations	Yr End 2004 Inventory	CONDITION RATING LEVELS								
		2	%	3	%	4	%	5	%	Total
36 Antelope Valley	5,223	-	0.00%	27	0.52%	5	0.10%	5,191	99.39%	5,223
52 Tehachapi	582	-	0.00%	3	0.52%	19	3.26%	560	96.22%	582
53 Kernville	217	-	0.00%	-	0.00%	-	0.00%	217	100.00%	217
72 Barstow	795	-	0.00%	1	0.13%	23	2.89%	771	96.98%	795
73 Victorville	5,344	1	0.02%	3	0.06%	9	0.17%	5,331	99.76%	5,344
85 Bishop	1,325	-	0.00%	1	0.08%	2	0.15%	1,322	99.77%	1,325
86 Ridgecrest	911	-	0.00%	2	0.22%	7	0.77%	902	99.01%	911
Highland Region Totals:	14,397	1	0.01%	37	0.26%	65	0.45%	14,294	99.28%	14,397
32 Compton	3,439	1	0.03%	1	0.03%	3	0.09%	3,434	99.85%	3,439
42 Santa Monica	700	-	0.00%	1	0.14%	-	0.00%	699	99.86%	700
44 South Bay	2,857	3	0.11%	12	0.42%	1	0.04%	2,841	99.44%	2,857
46 Long Beach	3,475	1	0.03%	6	0.17%	-	0.00%	3,468	99.80%	3,475
47 Whittier	1,803	3	0.17%	-	0.00%	-	0.00%	1,800	99.83%	1,803
Metro West Region Totals:	12,274	8	0.07%	20	0.16%	4	0.03%	12,242	99.74%	12,274
35 Thousand Oaks	6,146	1	0.02%	249	4.05%	93	1.51%	5,803	94.42%	6,146
39 Ventura	5,515	-	0.00%	6	0.11%	7	0.13%	5,502	99.76%	5,515
49 Santa Barbara	2,404	-	0.00%	2	0.08%	5	0.21%	2,397	99.71%	2,404
59 Valencia	5,823	7	0.12%	102	1.75%	25	0.43%	5,689	97.70%	5,823
North Coast Region Totals:	19,888	8	0.04%	359	1.81%	130	0.65%	19,391	97.50%	19,888
50 Shaver	134	-	0.00%	-	0.00%	-	0.00%	134	100.00%	134
51 San Joaquin	4,794	1	0.02%	2	0.04%	1	0.02%	4,790	99.92%	4,794
San Joaquin Region Totals:	4,928	1	0.02%	2	0.04%	1	0.02%	4,924	99.92%	4,928
30 Foothill	5,253	1	0.02%	1	0.02%	25	0.48%	5,226	99.49%	5,253
31 Redlands	4,986	-	0.00%	4	0.08%	14	0.28%	4,968	99.64%	4,986
40 Arrowhead	314	-	0.00%	-	0.00%	2	0.64%	312	99.36%	314
79 Palm Springs	4,283	1	0.02%	6	0.14%	3	0.07%	4,273	99.77%	4,283
84 29 Palms	409	-	0.00%	1	0.24%	1	0.24%	407	99.51%	409
87 Blythe	473	-	0.00%	2	0.42%	-	0.00%	471	99.58%	473
Desert Region Totals:	15,718	2	0.01%	14	0.09%	45	0.29%	15,657	99.61%	15,718
22 Montebello	1,677	-	0.00%	-	0.00%	-	0.00%	1,677	100.00%	1,677
26 Covina	6,801	1	0.01%	13	0.19%	3	0.04%	6,784	99.75%	6,801
27 Monrovia	2,019	-	0.00%	-	0.00%	-	0.00%	2,019	100.00%	2,019
34 Ontario	9,836	2	0.02%	5	0.05%	2	0.02%	9,827	99.91%	9,836
Metro East Region Totals:	20,333	3	0.01%	18	0.09%	5	0.02%	20,307	99.87%	20,333
29 Santa Ana	4,939	1	0.02%	56	1.13%	1	0.02%	4,881	98.83%	4,939
33 Huntington Beach	5,841	3	0.05%	21	0.36%	-	0.00%	5,817	99.59%	5,841
43 Saddleback	8,617	6	0.07%	64	0.74%	-	0.00%	8,547	99.19%	8,617
48 Fullerton	5,073	1	0.02%	63	1.24%	3	0.06%	5,006	98.68%	5,073
61 Catalina	54	-	0.00%	-	0.00%	-	0.00%	54	100.00%	54
Orange Region Totals:	24,524	11	0.04%	204	0.83%	4	0.02%	24,305	99.11%	24,524
77 San Jacinto	15,560	3	0.02%	82	0.53%	4	0.03%	15,471	99.43%	15,560
San Jacinto Region Totals:	15,560	3	0.02%	82	0.53%	4	0.03%	15,471	99.43%	15,560
SYSTEM TOTALS	127,622	37	0.03%	736	0.58%	258	0.20%	126,591	99.19%	127,622

TABLE B-1.3
2004 GENERAL ORDER 165 ANNUAL REPORT
Padmount Transformer

Work Locations	Yr End 2004 Inventory	CORRECTIVE ACTIONS															
		Level 2				Level 3				Level 4				Summary (Level 2,3,4)			
		Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%
36 Antelope Valley	5,223	22	66	-	0.00%	31	32	-	0.00%	-	1	-	0.00%	53	99	-	0.00%
52 Tehachapi	582	3	3	-	0.00%	5	5	-	0.00%	-	1	-	0.00%	8	9	-	0.00%
53 Kernville	217	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
72 Barstow	795	3	5	-	0.00%	14	14	-	0.00%	-	-	-	0.00%	17	19	-	0.00%
73 Victorville	5,344	14	20	-	0.00%	36	55	-	0.00%	1	1	-	0.00%	51	76	-	0.00%
85 Bishop	1,325	-	1	-	0.00%	11	11	-	0.00%	-	-	-	0.00%	11	12	-	0.00%
86 Ridgecrest	911	4	6	-	0.00%	4	4	-	0.00%	-	-	-	0.00%	8	10	-	0.00%
Highland Region Totals:	14,397	46	101	-	0.00%	101	121	-	0.00%	1	3	-	0.00%	148	225	-	0.00%
32 Compton	3,439	6	18	1	5.26%	12	42	-	0.00%	-	-	-	0.00%	18	60	1	1.64%
42 Santa Monica	700	2	22	-	0.00%	-	15	-	0.00%	-	-	-	0.00%	2	37	-	0.00%
44 South Bay	2,857	5	23	2	8.00%	12	145	1	0.68%	-	-	-	0.00%	17	168	3	1.75%
46 Long Beach	3,475	9	29	1	3.33%	5	132	-	0.00%	3	3	-	0.00%	17	164	1	0.61%
47 Whittier	1,803	5	9	1	10.00%	10	17	-	0.00%	-	-	-	0.00%	15	26	1	3.70%
Metro West Region Totals:	12,274	27	101	5	4.72%	39	351	1	0.28%	3	3	-	0.00%	69	455	6	1.30%
35 Thousand Oaks	6,146	42	104	-	0.00%	63	81	-	0.00%	-	-	-	0.00%	105	185	-	0.00%
39 Ventura	5,515	23	43	-	0.00%	40	41	1	2.38%	-	1	-	0.00%	63	85	1	1.16%
49 Santa Barbara	2,404	11	25	-	0.00%	8	13	-	0.00%	-	-	-	0.00%	19	38	-	0.00%
59 Valencia	5,823	28	54	-	0.00%	151	168	-	0.00%	-	5	-	0.00%	179	227	-	0.00%
North Coast Region Totals:	19,888	104	226	-	0.00%	262	303	1	0.33%	-	6	-	0.00%	366	535	1	0.19%
50 Shaver	134	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
51 San Joaquin	4,794	15	33	-	0.00%	2	3	-	0.00%	-	-	-	0.00%	17	36	-	0.00%
San Joaquin Region Totals:	4,928	15	33	-	0.00%	2	3	-	0.00%	-	-	-	0.00%	17	36	-	0.00%
30 Foothill	5,253	9	27	-	0.00%	10	11	-	0.00%	-	-	-	0.00%	19	38	-	0.00%
31 Redlands	4,986	5	9	-	0.00%	34	35	-	0.00%	-	-	-	0.00%	39	44	-	0.00%
40 Arrowhead	314	2	10	-	0.00%	-	-	-	0.00%	11	12	-	0.00%	13	22	-	0.00%
79 Palm Springs	4,283	4	11	-	0.00%	28	36	-	0.00%	-	-	-	0.00%	32	47	-	0.00%
84 29 Palms	409	-	1	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	1	-	0.00%
87 Blythe	473	-	3	-	0.00%	-	1	-	0.00%	-	-	-	0.00%	-	4	-	0.00%
Desert Region Totals:	15,718	20	61	-	0.00%	72	83	-	0.00%	11	12	-	0.00%	103	156	-	0.00%
22 Montebello	1,677	2	2	-	0.00%	3	3	-	0.00%	-	1	-	0.00%	5	6	-	0.00%
26 Covina	6,801	4	48	-	0.00%	52	54	-	0.00%	1	1	-	0.00%	57	103	-	0.00%
27 Monrovia	2,019	2	4	-	0.00%	-	2	-	0.00%	-	-	-	0.00%	2	6	-	0.00%
34 Ontario	9,836	24	85	-	0.00%	14	32	-	0.00%	2	5	-	0.00%	40	122	-	0.00%
Metro East Region Totals:	20,333	32	139	-	0.00%	69	91	-	0.00%	3	7	-	0.00%	104	237	-	0.00%
29 Santa Ana	4,939	14	32	-	0.00%	91	93	-	0.00%	-	-	-	0.00%	105	125	-	0.00%
33 Huntington Beach	5,841	22	67	1	1.47%	44	49	-	0.00%	-	-	-	0.00%	66	116	1	0.85%
43 Saddleback	8,617	19	54	3	5.26%	160	159	-	0.00%	-	1	-	0.00%	179	214	3	1.38%
48 Fullerton	5,073	44	76	-	0.00%	91	97	-	0.00%	-	2	-	0.00%	135	175	-	0.00%
61 Catalina	54	-	-	-	0.00%	1	1	-	0.00%	-	-	-	0.00%	1	1	-	0.00%
Orange Region Totals:	24,524	99	229	4	1.72%	387	399	-	0.00%	-	3	-	0.00%	486	631	4	0.63%
77 San Jacinto	15,560	112	207	-	0.00%	45	59	-	0.00%	2	3	-	0.00%	159	269	-	0.00%
San Jacinto Region Totals:	15,560	112	207	-	0.00%	45	59	-	0.00%	2	3	-	0.00%	159	269	-	0.00%
SYSTEM TOTALS	127,622	455	1,097	9	0.81%	977	1,410	2	0.14%	20	37	-	0.00%	1,452	2,544	11	0.43%

TABLE B-1.3
2004 GENERAL ORDER 165 ANNUAL REPORT
Padmount Transformer

Work Locations	Yr End 2004 Inventory	2005 Patrols	YEAR 2005 PLAN					
			Detailed Inspections			Corrective Actions		
			2004 Remaining	2005 Detailed	2005 Total	2004 Remaining	2005 Planned	2005 Total
36 Antelope Valley	5,223	5,116	-	817	817	-	111	111
52 Tehachapi	582	29	-	39	39	-	23	23
53 Kernville	217	11	-	15	15	-	-	-
72 Barstow	795	384	-	67	67	-	26	26
73 Victorville	5,344	4,008	-	729	729	-	7	7
85 Bishop	1,325	677	-	51	51	-	1	1
86 Ridgecrest	911	358	-	94	94	-	5	5
Highland Region Totals:	14,397	10,583	-	1,812	1,812	-	173	173
32 Compton	3,439	3,439	-	353	353	1	11	12
42 Santa Monica	700	700	-	151	151	-	17	17
44 South Bay	2,857	2,857	-	279	279	3	30	33
46 Long Beach	3,475	3,475	-	449	449	1	108	109
47 Whittier	1,803	1,803	-	345	345	1	12	13
Metro West Region Totals:	12,274	12,274	-	1,577	1,577	6	178	184
35 Thousand Oaks	6,146	6,146	-	708	708	-	373	373
39 Ventura	5,515	5,515	-	557	557	1	124	125
49 Santa Barbara	2,404	2,404	-	289	289	-	69	69
59 Valencia	5,823	5,558	-	717	717	-	161	161
North Coast Region Totals:	19,888	19,623	-	2,271	2,271	1	727	728
50 Shaver	134	-	-	14	14	-	-	-
51 San Joaquin	4,794	4,794	-	677	677	-	34	34
San Joaquin Region Totals:	4,928	4,794	-	691	691	-	34	34
30 Foothill	5,253	5,207	-	684	684	-	42	42
31 Redlands	4,986	4,699	-	603	603	-	12	12
40 Arrowhead	314	283	-	18	18	-	3	3
79 Palm Springs	4,283	3,788	-	510	510	-	28	28
84 29 Palms	409	117	-	51	51	-	3	3
87 Blythe	473	128	-	69	69	-	3	3
Desert Region Totals:	15,718	14,223	-	1,935	1,935	-	91	91
22 Montebello	1,677	1,677	-	159	159	-	1	1
26 Covina	6,801	6,801	-	1,554	1,554	-	34	34
27 Monrovia	2,019	1,994	-	236	236	-	-	-
34 Ontario	9,836	9,439	-	1,405	1,405	-	89	89
Metro East Region Totals:	20,333	19,911	-	3,354	3,354	-	124	124
29 Santa Ana	4,939	4,939	-	1,003	1,003	-	104	104
33 Huntington Beach	5,841	5,841	-	1,193	1,193	1	74	75
43 Saddleback	8,617	8,555	-	1,799	1,799	3	104	107
48 Fullerton	5,073	5,073	-	975	975	-	97	97
61 Catalina	54	36	-	4	4	-	-	-
Orange Region Totals:	24,524	24,444	-	4,974	4,974	4	379	383
77 San Jacinto	15,560	11,890	-	2,215	2,215	-	253	253
San Jacinto Region Totals:	15,560	11,890	-	2,215	2,215	-	253	253
SYSTEM TOTALS	127,622	117,743	-	18,829	18,829	11	1,959	1,970

TABLE B-2.1
2004 GENERAL ORDER 165 ANNUAL REPORT
Overhead Switching/Protective Devices

Work Locations	Yr End 2004 Inventory	2004 INSPECTIONS					
		PATROLS			DETAILED		
		Planned	Comp.	Balance	Planned	Comp.	Balance
36 Antelope Valley	648	641	641	-	47	107	1
52 Tehachapi	162	154	154	-	18	34	-
53 Kernville	57	57	57	-	12	12	-
72 Barstow	193	130	100	-	-	8	-
73 Victorville	395	391	391	-	170	197	-
85 Bishop	124	124	124	-	19	35	-
86 Ridgecrest	100	63	63	-	14	27	-
Highland Region Totals:	1,679	1,559	1,530	-	280	421	1
32 Compton	163	163	163	-	20	30	-
42 Santa Monica	50	50	50	-	-	4	-
44 South Bay	174	174	174	-	79	98	2
46 Long Beach	119	119	119	0	1	20	-
47 Whittier	125	125	125	-	27	29	1
Metro West Region Totals:	631	631	631	0	128	180	3
35 Thousand Oaks	405	405	401	4	-	21	-
39 Ventura	343	340	343	-	14	42	-
49 Santa Barbara	453	447	447	-	196	196	-
59 Valencia	236	236	236	-	29	64	-
North Coast Region Totals:	1,437	1,428	1,428	4	239	323	-
50 Shaver	53	53	53	-	30	31	-
51 San Joaquin	875	875	875	-	7	290	-
San Joaquin Region Totals:	928	928	928	-	37	321	-
30 Foothill	274	269	284	-	64	64	-
31 Redlands	269	267	275	-	42	46	1
40 Arrowhead	323	323	323	-	144	152	4
79 Palm Springs	305	303	303	-	99	112	1
84 29 Palms	265	189	189	-	-	12	-
87 Blythe	204	198	198	-	13	48	-
Desert Region Totals:	1,640	1,550	1,572	-	362	433	6
22 Montebello	197	194	197	-	125	134	-
26 Covina	344	344	344	-	196	204	-
27 Monrovia	273	268	270	2	8	19	-
34 Ontario	410	410	410	-	135	162	-
Metro East Region Totals:	1,224	1,216	1,221	2	464	518	-
29 Santa Ana	787	778	796	5	369	377	-
33 Huntington Beach	211	208	211	-	73	89	-
43 Saddleback	75	74	76	-	30	32	-
48 Fullerton	397	397	400	-	142	163	-
61 Catalina	14	14	14	-	1	-	1
Orange Region Totals:	1,484	1,471	1,497	5	616	661	1
77 San Jacinto	706	689	703	-	167	173	1
San Jacinto Region Totals:	706	689	703	-	167	173	1
SYSTEM TOTALS	9,729	9,474	9,509	10	2,293	3,032	13

TABLE B-2.1
2004 GENERAL ORDER 165 ANNUAL REPORT
Overhead Switching/Protective Devices

Work Locations	Yr End 2004 Inventory	CONDITION RATING LEVELS								Total
		2	%	3	%	4	%	5	%	
36 Antelope Valley	648	1	0.15%	-	0.00%	-	0.00%	647	99.85%	648
52 Tehachapi	162	-	0.00%	-	0.00%	-	0.00%	162	100.00%	162
53 Kernville	57	-	0.00%	-	0.00%	-	0.00%	57	100.00%	57
72 Barstow	193	-	0.00%	-	0.00%	-	0.00%	193	100.00%	193
73 Victorville	395	-	0.00%	-	0.00%	2	0.51%	393	99.49%	395
85 Bishop	124	1	0.81%	-	0.00%	-	0.00%	123	99.19%	124
86 Ridgecrest	100	-	0.00%	-	0.00%	-	0.00%	100	100.00%	100
Highland Region Totals:	1,679	2	0.12%	-	0.00%	2	0.12%	1,675	99.76%	1,679
32 Compton	163	-	0.00%	-	0.00%	-	0.00%	163	100.00%	163
42 Santa Monica	50	-	0.00%	-	0.00%	-	0.00%	50	100.00%	50
44 South Bay	174	2	1.15%	-	0.00%	-	0.00%	172	98.85%	174
46 Long Beach	119	-	0.00%	-	0.00%	-	0.00%	119	100.00%	119
47 Whittier	125	-	0.00%	-	0.00%	-	0.00%	125	100.00%	125
Metro West Region Totals:	631	2	0.32%	-	0.00%	-	0.00%	629	99.68%	631
35 Thousand Oaks	405	1	0.25%	-	0.00%	-	0.00%	404	99.75%	405
39 Ventura	343	-	0.00%	1	0.29%	-	0.00%	342	99.71%	343
49 Santa Barbara	453	1	0.22%	-	0.00%	-	0.00%	452	99.78%	453
59 Valencia	236	-	0.00%	-	0.00%	-	0.00%	236	100.00%	236
North Coast Region Totals:	1,437	2	0.14%	1	0.07%	-	0.00%	1,434	99.79%	1,437
50 Shaver	53	-	0.00%	-	0.00%	-	0.00%	53	100.00%	53
51 San Joaquin	875	2	0.23%	1	0.11%	-	0.00%	872	99.66%	875
San Joaquin Region Totals:	928	2	0.22%	1	0.11%	-	0.00%	925	99.68%	928
30 Foothill	274	-	0.00%	-	0.00%	-	0.00%	274	100.00%	274
31 Redlands	269	-	0.00%	-	0.00%	1	0.37%	268	99.63%	269
40 Arrowhead	323	-	0.00%	-	0.00%	-	0.00%	323	100.00%	323
79 Palm Springs	305	-	0.00%	-	0.00%	-	0.00%	305	100.00%	305
84 29 Palms	265	-	0.00%	-	0.00%	-	0.00%	265	100.00%	265
87 Blythe	204	-	0.00%	-	0.00%	-	0.00%	204	100.00%	204
Desert Region Totals:	1,640	-	0.00%	-	0.00%	1	0.06%	1,639	99.94%	1,640
22 Montebello	197	-	0.00%	-	0.00%	1	0.51%	196	99.49%	197
26 Covina	344	-	0.00%	-	0.00%	-	0.00%	344	100.00%	344
27 Monrovia	273	-	0.00%	-	0.00%	-	0.00%	273	100.00%	273
34 Ontario	410	-	0.00%	-	0.00%	-	0.00%	410	100.00%	410
Metro East Region Totals:	1,224	-	0.00%	-	0.00%	1	0.08%	1,223	99.92%	1,224
29 Santa Ana	787	-	0.00%	-	0.00%	1	0.13%	786	99.87%	787
33 Huntington Beach	211	-	0.00%	-	0.00%	-	0.00%	211	100.00%	211
43 Saddleback	75	-	0.00%	-	0.00%	-	0.00%	75	100.00%	75
48 Fullerton	397	-	0.00%	-	0.00%	1	0.25%	396	99.75%	397
61 Catalina	14	-	0.00%	-	0.00%	-	0.00%	14	100.00%	14
Orange Region Totals:	1,484	-	0.00%	-	0.00%	2	0.13%	1,482	99.87%	1,484
77 San Jacinto	706	-	0.00%	2	0.28%	-	0.00%	704	99.72%	706
San Jacinto Region Totals:	706	-	0.00%	2	0.28%	-	0.00%	704	99.72%	706
SYSTEM TOTALS	9,729	8	0.08%	4	0.04%	6	0.06%	9,711	99.81%	9,729

TABLE B-2.1
2004 GENERAL ORDER 165 ANNUAL REPORT
Overhead Switching/Protective Devices

Work Locations	Yr End 2004 Inventory	CORRECTIVE ACTIONS															
		Level 2				Level 3				Level 4				Summary (Level 2,3,4)			
		Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%
36 Antelope Valley	648	4	9	-	0.00%	-	-	-	0.00%	-	28	-	0.00%	4	37	-	0.00%
52 Tehachapi	162	-	-	-	0.00%	-	-	-	0.00%	-	14	-	0.00%	-	14	-	0.00%
53 Kernville	57	1	1	-	0.00%	-	-	-	0.00%	-	5	-	0.00%	1	6	-	0.00%
72 Barstow	193	-	5	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	5	-	0.00%
73 Victorville	395	-	5	-	0.00%	-	2	-	0.00%	-	-	-	0.00%	-	7	-	0.00%
85 Bishop	124	-	-	1	100.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	1	100.00%
86 Ridgecrest	100	-	2	-	0.00%	-	1	-	0.00%	-	4	-	0.00%	-	7	-	0.00%
Highland Region Totals:	1,679	5	22	1	4.35%	-	3	-	0.00%	-	51	-	0.00%	5	76	1	1.30%
32 Compton	163	-	-	-	0.00%	-	1	-	0.00%	-	14	-	0.00%	-	15	-	0.00%
42 Santa Monica	50	-	-	-	0.00%	-	-	-	0.00%	10	10	-	0.00%	10	10	-	0.00%
44 South Bay	174	3	2	1	33.33%	1	29	-	0.00%	-	5	-	0.00%	4	36	1	2.70%
46 Long Beach	119	-	1	-	0.00%	1	5	1	16.67%	-	6	-	0.00%	1	12	1	7.69%
47 Whittier	125	1	2	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	1	2	-	0.00%
Metro West Region Totals:	631	4	5	1	16.67%	2	35	1	2.78%	10	35	-	0.00%	16	75	2	2.60%
35 Thousand Oaks	405	2	8	-	0.00%	1	2	-	0.00%	5	6	-	0.00%	8	16	-	0.00%
39 Ventura	343	1	36	-	0.00%	-	-	-	0.00%	-	1	-	0.00%	1	37	-	0.00%
49 Santa Barbara	453	1	31	-	0.00%	-	-	-	0.00%	-	4	-	0.00%	1	35	-	0.00%
59 Valencia	236	-	14	-	0.00%	-	1	-	0.00%	5	6	-	0.00%	5	21	-	0.00%
North Coast Region Totals:	1,437	4	89	-	0.00%	1	3	-	0.00%	10	17	-	0.00%	15	109	-	0.00%
50 Shaver	53	-	2	-	0.00%	-	2	-	0.00%	-	-	-	0.00%	-	4	-	0.00%
51 San Joaquin	875	1	26	2	7.14%	1	6	-	0.00%	-	1	-	0.00%	2	33	2	5.71%
San Joaquin Region Totals:	928	1	28	2	6.67%	1	8	-	0.00%	-	1	-	0.00%	2	37	2	5.13%
30 Foothill	274	-	2	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	2	-	0.00%
31 Redlands	269	-	3	-	0.00%	-	1	-	0.00%	-	2	-	0.00%	-	6	-	0.00%
40 Arrowhead	323	-	8	-	0.00%	-	1	-	0.00%	-	2	-	0.00%	-	11	-	0.00%
79 Palm Springs	305	2	6	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	2	6	-	0.00%
84 29 Palms	265	-	3	-	0.00%	-	1	-	0.00%	-	1	-	0.00%	-	5	-	0.00%
87 Blythe	204	-	10	-	0.00%	-	-	-	0.00%	-	1	-	0.00%	-	11	-	0.00%
Desert Region Totals:	1,640	2	32	-	0.00%	-	3	-	0.00%	-	6	-	0.00%	2	41	-	0.00%
22 Montebello	197	2	6	-	0.00%	-	12	-	0.00%	-	-	-	0.00%	2	18	-	0.00%
26 Covina	344	-	1	-	0.00%	-	2	-	0.00%	-	-	-	0.00%	-	3	-	0.00%
27 Monrovia	273	3	13	-	0.00%	-	12	-	0.00%	-	2	-	0.00%	3	27	-	0.00%
34 Ontario	410	2	30	-	0.00%	1	7	-	0.00%	-	-	-	0.00%	3	37	-	0.00%
Metro East Region Totals:	1,224	7	50	-	0.00%	1	33	-	0.00%	-	2	-	0.00%	8	85	-	0.00%
29 Santa Ana	787	-	2	-	0.00%	-	1	-	0.00%	-	2	-	0.00%	-	5	-	0.00%
33 Huntington Beach	211	1	6	-	0.00%	1	1	-	0.00%	-	2	-	0.00%	2	9	-	0.00%
43 Saddleback	75	-	-	-	0.00%	-	-	-	0.00%	-	1	-	0.00%	-	1	-	0.00%
48 Fullerton	397	-	1	-	0.00%	-	-	-	0.00%	4	7	-	0.00%	4	8	-	0.00%
61 Catalina	14	-	-	-	0.00%	-	-	-	0.00%	-	3	-	0.00%	-	3	-	0.00%
Orange Region Totals:	1,484	1	9	-	0.00%	1	2	-	0.00%	4	15	-	0.00%	6	26	-	0.00%
77 San Jacinto	706	1	7	-	0.00%	-	2	-	0.00%	-	-	-	0.00%	1	9	-	0.00%
San Jacinto Region Totals:	706	1	7	-	0.00%	-	2	-	0.00%	-	-	-	0.00%	1	9	-	0.00%
SYSTEM TOTALS	9,729	25	242	4	1.63%	6	89	1	1.11%	24	127	-	0.00%	55	458	5	1.08%

TABLE B-2.1
2004 GENERAL ORDER 165 ANNUAL REPORT
Overhead Switching/Protective Devices

Work Locations	Yr End 2004 Inventory	2005 Patrols	YEAR 2005 PLAN					
			Detailed Inspections			Corrective Actions		
			2004 Remaining	2005 Detailed	2005 Total	2004 Remaining	2005 Planned	2005 Total
36 Antelope Valley	648	635	1	1	2	-	2	2
52 Tehachapi	162	8	-	66	66	-	-	-
53 Kernville	57	3	-	15	15	-	-	-
72 Barstow	193	93	-	66	66	-	-	-
73 Victorville	395	296	-	79	79	-	1	1
85 Bishop	124	63	-	46	46	1	-	1
86 Ridgecrest	100	39	-	29	29	-	1	1
Highland Region Totals:	1,679	1,138	1	302	304	1	4	5
32 Compton	163	163	-	2	2	-	-	-
42 Santa Monica	50	50	-	17	17	-	2	2
44 South Bay	174	174	2	59	61	1	1	2
46 Long Beach	119	119	-	8	8	1	-	1
47 Whittier	125	125	1	17	19	-	1	1
Metro West Region Totals:	631	631	3	103	106	2	4	6
35 Thousand Oaks	405	405	-	-	-	-	6	6
39 Ventura	343	343	-	-	-	-	12	12
49 Santa Barbara	453	453	-	79	79	-	8	8
59 Valencia	236	225	-	79	79	-	1	1
North Coast Region Totals:	1,437	1,426	-	159	159	-	27	27
50 Shaver	53	-	-	12	12	-	-	-
51 San Joaquin	875	875	-	247	247	2	6	8
San Joaquin Region Totals:	928	875	-	259	259	2	6	8
30 Foothill	274	272	-	75	75	-	6	6
31 Redlands	269	254	1	47	48	-	1	1
40 Arrowhead	323	291	4	125	129	-	7	7
79 Palm Springs	305	270	1	95	96	-	-	-
84 29 Palms	265	76	-	95	95	-	1	1
87 Blythe	204	55	-	52	52	-	1	1
Desert Region Totals:	1,640	1,217	6	488	494	-	16	16
22 Montebello	197	197	-	32	32	-	3	3
26 Covina	344	344	-	-	-	-	2	2
27 Monrovia	273	270	-	5	5	-	5	5
34 Ontario	410	393	-	127	127	-	2	2
Metro East Region Totals:	1,224	1,204	-	164	164	-	12	12
29 Santa Ana	787	787	-	168	168	-	1	1
33 Huntington Beach	211	211	-	56	56	-	1	1
43 Saddleback	75	74	-	1	1	-	-	-
48 Fullerton	397	397	-	128	128	-	2	2
61 Catalina	14	9	1	10	11	-	-	-
Orange Region Totals:	1,484	1,479	1	364	365	-	4	4
77 San Jacinto	706	539	1	148	149	-	2	2
San Jacinto Region Totals:	706	539	1	148	149	-	2	2
SYSTEM TOTALS	9,729	8,510	13	1,987	2,000	5	75	80

TABLE B-2.2
2004 GENERAL ORDER 165 ANNUAL REPORT
UG Switching/Protective Devices

Work Locations	Yr End 2004 Inventory	2004 INSPECTIONS					
		PATROLS			DETAILED		
		Planned	Comp.	Balance	Planned	Comp.	Balance
36 Antelope Valley	1,008	998	998	-	263	279	-
52 Tehachapi	40	38	38	-	6	7	-
53 Kernville	29	29	29	-	13	14	-
72 Barstow	53	36	27	-	27	27	-
73 Victorville	513	508	508	-	194	203	-
85 Bishop	149	149	149	-	47	47	-
86 Ridgecrest	128	80	80	-	28	28	-
Highland Region Totals:	1,920	1,837	1,829	-	578	605	-
32 Compton	1,009	1,009	1,009	-	324	349	-
42 Santa Monica	1,045	1,052	1,052	-	405	484	-
44 South Bay	1,267	1,267	1,267	-	484	555	-
46 Long Beach	1,310	1,310	1,305	5	484	549	-
47 Whittier	432	432	432	-	199	201	-
Metro West Region Totals:	5,063	5,070	5,065	5	1,896	2,138	-
35 Thousand Oaks	2,082	2,082	2,063	19	717	771	-
39 Ventura	1,187	1,175	1,187	-	467	488	-
49 Santa Barbara	419	414	414	-	164	183	-
59 Valencia	1,037	1,037	1,037	-	379	417	-
North Coast Region Totals:	4,725	4,708	4,701	19	1,727	1,859	-
50 Shaver	11	11	11	-	7	7	-
51 San Joaquin	825	825	825	-	342	364	-
San Joaquin Region Totals:	836	836	836	-	349	371	-
30 Foothill	983	966	1,017	-	401	464	1
31 Redlands	1,128	1,122	1,154	-	410	438	-
40 Arrowhead	32	32	32	-	15	15	-
79 Palm Springs	2,368	2,352	2,352	-	866	929	-
84 29 Palms	41	29	29	-	4	5	-
87 Blythe	23	22	22	-	6	6	-
Desert Region Totals:	4,575	4,523	4,607	-	1,702	1,857	1
22 Montebello	620	612	620	-	127	135	-
26 Covina	2,206	2,206	2,206	-	655	715	-
27 Monrovia	530	520	523	3	261	273	1
34 Ontario	1,753	1,753	1,753	-	709	752	-
Metro East Region Totals:	5,109	5,091	5,102	3	1,752	1,875	1
29 Santa Ana	1,226	1,212	1,240	7	305	333	-
33 Huntington Beach	1,786	1,759	1,786	-	522	581	-
43 Saddleback	1,975	1,961	2,003	-	628	693	-
48 Fullerton	1,070	1,070	1,077	-	405	437	1
61 Catalina	23	23	23	-	12	13	-
Orange Region Totals:	6,080	6,025	6,130	7	1,872	2,057	1
77 San Jacinto	2,111	2,061	2,101	-	713	860	-
San Jacinto Region Totals:	2,111	2,061	2,101	-	713	860	-
SYSTEM TOTALS	30,419	30,151	30,371	35	10,589	11,622	3

TABLE B-2.2
2004 GENERAL ORDER 165 ANNUAL REPORT
UG Switching/Protective Devices

Work Locations	Yr End 2004 Inventory	CONDITION RATING LEVELS								
		2	%	3	%	4	%	5	%	Total
36 Antelope Valley	1,008	-	0.00%	4	0.40%	4	0.40%	1,000	99.21%	1,008
52 Tehachapi	40	-	0.00%	-	0.00%	-	0.00%	40	100.00%	40
53 Kernville	29	-	0.00%	-	0.00%	-	0.00%	29	100.00%	29
72 Barstow	53	-	0.00%	-	0.00%	2	3.77%	51	96.23%	53
73 Victorville	513	-	0.00%	4	0.78%	3	0.58%	506	98.64%	513
85 Bishop	149	-	0.00%	-	0.00%	-	0.00%	149	100.00%	149
86 Ridgecrest	128	-	0.00%	1	0.78%	-	0.00%	127	99.22%	128
Highland Region Totals:	1,920	-	0.00%	9	0.47%	9	0.47%	1,902	99.06%	1,920
32 Compton	1,009	3	0.30%	4	0.40%	-	0.00%	1,002	99.31%	1,009
42 Santa Monica	1,045	-	0.00%	1	0.10%	-	0.00%	1,044	99.90%	1,045
44 South Bay	1,267	4	0.32%	23	1.82%	3	0.24%	1,237	97.63%	1,267
46 Long Beach	1,310	1	0.08%	3	0.23%	3	0.23%	1,303	99.47%	1,310
47 Whittier	432	-	0.00%	1	0.23%	-	0.00%	431	99.77%	432
Metro West Region Totals:	5,063	8	0.16%	32	0.63%	6	0.12%	5,017	99.09%	5,063
35 Thousand Oaks	2,082	-	0.00%	92	4.42%	82	3.94%	1,908	91.64%	2,082
39 Ventura	1,187	1	0.08%	11	0.93%	9	0.76%	1,166	98.23%	1,187
49 Santa Barbara	419	-	0.00%	11	2.63%	-	0.00%	408	97.37%	419
59 Valencia	1,037	4	0.39%	55	5.30%	20	1.93%	958	92.38%	1,037
North Coast Region Totals:	4,725	5	0.11%	169	3.58%	111	2.35%	4,440	93.97%	4,725
50 Shaver	11	-	0.00%	-	0.00%	-	0.00%	11	100.00%	11
51 San Joaquin	825	1	0.12%	4	0.48%	-	0.00%	820	99.39%	825
San Joaquin Region Totals:	836	1	0.12%	4	0.48%	-	0.00%	831	99.40%	836
30 Foothill	983	-	0.00%	3	0.31%	-	0.00%	980	99.69%	983
31 Redlands	1,128	-	0.00%	2	0.18%	1	0.09%	1,125	99.73%	1,128
40 Arrowhead	32	-	0.00%	-	0.00%	-	0.00%	32	100.00%	32
79 Palm Springs	2,368	-	0.00%	4	0.17%	4	0.17%	2,360	99.66%	2,368
84 29 Palms	41	-	0.00%	-	0.00%	-	0.00%	41	100.00%	41
87 Blythe	23	-	0.00%	-	0.00%	-	0.00%	23	100.00%	23
Desert Region Totals:	4,575	-	0.00%	9	0.20%	5	0.11%	4,561	99.69%	4,575
22 Montebello	620	-	0.00%	-	0.00%	-	0.00%	620	100.00%	620
26 Covina	2,206	-	0.00%	8	0.36%	1	0.05%	2,197	99.59%	2,206
27 Monrovia	530	1	0.19%	1	0.19%	-	0.00%	528	99.62%	530
34 Ontario	1,753	2	0.11%	4	0.23%	-	0.00%	1,747	99.66%	1,753
Metro East Region Totals:	5,109	3	0.06%	13	0.25%	1	0.02%	5,092	99.67%	5,109
29 Santa Ana	1,226	1	0.08%	1	0.08%	-	0.00%	1,224	99.84%	1,226
33 Huntington Beach	1,786	-	0.00%	11	0.62%	-	0.00%	1,775	99.38%	1,786
43 Saddleback	1,975	-	0.00%	6	0.30%	-	0.00%	1,969	99.70%	1,975
48 Fullerton	1,070	1	0.09%	4	0.37%	-	0.00%	1,065	99.53%	1,070
61 Catalina	23	-	0.00%	-	0.00%	-	0.00%	23	100.00%	23
Orange Region Totals:	6,080	2	0.03%	22	0.36%	-	0.00%	6,056	99.61%	6,080
77 San Jacinto	2,111	-	0.00%	20	0.95%	-	0.00%	2,091	99.05%	2,111
San Jacinto Region Totals:	2,111	-	0.00%	20	0.95%	-	0.00%	2,091	99.05%	2,111
SYSTEM TOTALS	30,419	19	0.06%	278	0.91%	132	0.43%	29,990	98.59%	30,419

TABLE B-2.2
2004 GENERAL ORDER 165 ANNUAL REPORT
UG Switching/Protective Devices

Work Locations	Yr End 2004 Inventory	CORRECTIVE ACTIONS															
		Level 2				Level 3				Level 4				Summary (Level 2,3,4)			
		Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%
36 Antelope Valley	1,008	5	10	-	0.00%	5	5	-	0.00%	-	-	-	0.00%	10	15	-	0.00%
52 Tehachapi	40	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
53 Kernville	29	-	4	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	4	-	0.00%
72 Barstow	53	2	2	-	0.00%	2	2	-	0.00%	-	-	-	0.00%	4	4	-	0.00%
73 Victorville	513	9	12	-	0.00%	1	2	-	0.00%	-	-	-	0.00%	10	14	-	0.00%
85 Bishop	149	-	7	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	7	-	0.00%
86 Ridgecrest	128	1	1	-	0.00%	1	1	-	0.00%	-	-	-	0.00%	2	2	-	0.00%
Highland Region Totals:	1,920	17	36	-	0.00%	9	10	-	0.00%	-	-	-	0.00%	26	46	-	0.00%
32 Compton	1,009	12	33	2	5.71%	5	28	-	0.00%	-	-	-	0.00%	17	61	2	3.17%
42 Santa Monica	1,045	18	35	-	0.00%	6	32	1	3.03%	-	-	-	0.00%	24	67	1	1.47%
44 South Bay	1,267	18	43	3	6.52%	16	89	3	3.26%	1	2	-	0.00%	35	134	6	4.29%
46 Long Beach	1,310	40	107	-	0.00%	4	21	-	0.00%	3	3	-	0.00%	47	131	-	0.00%
47 Whittier	432	4	9	-	0.00%	1	6	-	0.00%	-	-	-	0.00%	5	15	-	0.00%
Metro West Region Totals:	5,063	92	227	5	2.16%	32	176	4	2.22%	4	5	-	0.00%	128	408	9	2.16%
35 Thousand Oaks	2,082	18	37	-	0.00%	53	74	-	0.00%	-	14	-	0.00%	71	125	-	0.00%
39 Ventura	1,187	17	38	-	0.00%	11	12	-	0.00%	-	1	-	0.00%	28	51	-	0.00%
49 Santa Barbara	419	10	19	-	0.00%	2	5	-	0.00%	-	-	-	0.00%	12	24	-	0.00%
59 Valencia	1,037	18	29	-	0.00%	47	51	2	3.77%	-	7	-	0.00%	65	87	2	2.25%
North Coast Region Totals:	4,725	63	123	-	0.00%	113	142	2	1.39%	-	22	-	0.00%	176	287	2	0.69%
50 Shaver	11	-	2	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	2	-	0.00%
51 San Joaquin	825	9	21	-	0.00%	4	5	-	0.00%	-	-	-	0.00%	13	26	-	0.00%
San Joaquin Region Totals:	836	9	23	-	0.00%	4	5	-	0.00%	-	-	-	0.00%	13	28	-	0.00%
30 Foothill	983	7	14	-	0.00%	2	4	-	0.00%	1	1	-	0.00%	10	19	-	0.00%
31 Redlands	1,128	9	14	-	0.00%	6	6	-	0.00%	2	1	-	0.00%	17	21	-	0.00%
40 Arrowhead	32	-	-	-	0.00%	-	-	-	0.00%	-	1	-	0.00%	-	1	-	0.00%
79 Palm Springs	2,368	9	16	-	0.00%	8	11	-	0.00%	-	-	-	0.00%	17	27	-	0.00%
84 29 Palms	41	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
87 Blythe	23	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Desert Region Totals:	4,575	25	44	-	0.00%	16	21	-	0.00%	3	3	-	0.00%	44	68	-	0.00%
22 Montebello	620	9	11	-	0.00%	1	2	-	0.00%	-	-	-	0.00%	10	13	-	0.00%
26 Covina	2,206	25	34	-	0.00%	7	7	-	0.00%	-	1	-	0.00%	32	42	-	0.00%
27 Monrovia	530	4	7	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	4	7	-	0.00%
34 Ontario	1,753	10	42	-	0.00%	3	3	-	0.00%	-	-	-	0.00%	13	45	-	0.00%
Metro East Region Totals:	5,109	48	94	-	0.00%	11	12	-	0.00%	-	1	-	0.00%	59	107	-	0.00%
29 Santa Ana	1,226	4	8	-	0.00%	4	4	-	0.00%	-	-	-	0.00%	8	12	-	0.00%
33 Huntington Beach	1,786	18	28	-	0.00%	6	7	-	0.00%	-	-	-	0.00%	24	35	-	0.00%
43 Saddleback	1,975	19	36	-	0.00%	2	2	-	0.00%	-	-	-	0.00%	21	38	-	0.00%
48 Fullerton	1,070	7	15	-	0.00%	2	4	-	0.00%	-	-	-	0.00%	9	19	-	0.00%
61 Catalina	23	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Orange Region Totals:	6,080	48	87	-	0.00%	14	17	-	0.00%	-	-	-	0.00%	62	104	-	0.00%
77 San Jacinto	2,111	24	42	-	0.00%	22	25	-	0.00%	-	-	-	0.00%	46	67	-	0.00%
San Jacinto Region Totals:	2,111	24	42	-	0.00%	22	25	-	0.00%	-	-	-	0.00%	46	67	-	0.00%
SYSTEM TOTALS	30,419	326	676	5	0.73%	221	408	6	1.45%	7	31	-	0.00%	554	1,115	11	0.98%

TABLE B-2.2
2004 GENERAL ORDER 165 ANNUAL REPORT
UG Switching/Protective Devices

Work Locations	Yr End 2004 Inventory	2005 Patrols	YEAR 2005 PLAN					
			Detailed Inspections			Corrective Actions		
			2004 Remaining	2005 Detailed	2005 Total	2004 Remaining	2005 Planned	2005 Total
36 Antelope Valley	1,008	987	-	478	478	-	111	111
52 Tehachapi	40	2	-	26	26	-	1	1
53 Kernville	29	1	-	13	13	-	-	-
72 Barstow	53	26	-	13	13	-	-	-
73 Victorville	513	385	-	196	196	-	18	18
85 Bishop	149	76	-	67	67	-	-	-
86 Ridgecrest	128	50	-	53	53	-	2	2
Highland Region Totals:	1,920	1,528	-	846	846	-	132	132
32 Compton	1,009	1,009	-	339	339	2	29	31
42 Santa Monica	1,045	1,045	-	273	273	1	13	14
44 South Bay	1,267	1,267	-	400	400	6	64	70
46 Long Beach	1,310	1,310	-	390	390	-	100	100
47 Whittier	432	432	-	82	82	-	9	9
Metro West Region Totals:	5,063	5,063	-	1,484	1,484	9	215	224
35 Thousand Oaks	2,082	2,082	-	648	648	-	151	151
39 Ventura	1,187	1,187	-	363	363	-	35	35
49 Santa Barbara	419	419	-	138	138	-	13	13
59 Valencia	1,037	990	-	362	362	2	103	105
North Coast Region Totals:	4,725	4,678	-	1,511	1,511	2	302	304
50 Shaver	11	-	-	5	5	-	-	-
51 San Joaquin	825	825	-	286	286	-	73	73
San Joaquin Region Totals:	836	825	-	291	291	-	73	73
30 Foothill	983	974	1	287	288	-	8	8
31 Redlands	1,128	1,063	-	344	344	-	5	5
40 Arrowhead	32	29	-	4	4	-	3	3
79 Palm Springs	2,368	2,094	-	722	722	-	28	28
84 29 Palms	41	12	-	6	6	-	-	-
87 Blythe	23	6	-	8	8	-	1	1
Desert Region Totals:	4,575	4,179	1	1,371	1,372	-	45	45
22 Montebello	620	620	-	281	281	-	1	1
26 Covina	2,206	2,206	-	834	834	-	10	10
27 Monrovia	530	523	1	156	157	-	4	4
34 Ontario	1,753	1,682	-	598	598	-	68	68
Metro East Region Totals:	5,109	5,032	1	1,869	1,870	-	83	83
29 Santa Ana	1,226	1,226	-	433	433	-	8	8
33 Huntington Beach	1,786	1,786	-	548	548	-	13	13
43 Saddleback	1,975	1,961	-	735	735	-	16	16
48 Fullerton	1,070	1,070	1	318	319	-	7	7
61 Catalina	23	15	-	8	8	-	-	-
Orange Region Totals:	6,080	6,058	1	2,042	2,043	-	44	44
77 San Jacinto	2,111	1,613	-	829	829	-	43	43
San Jacinto Region Totals:	2,111	1,613	-	829	829	-	43	43
SYSTEM TOTALS	30,419	28,975	3	10,243	10,246	11	937	948

TABLE B-2.3
2004 GENERAL ORDER 165 ANNUAL REPORT
Padmount Switching/Protective Devices

Work Locations	Yr End 2004 Inventory	2004 INSPECTIONS					
		PATROLS			DETAILED		
		Planned	Comp.	Balance	Planned	Comp.	Balance
36 Antelope Valley	347	343	343	-	153	156	-
52 Tehachapi	54	51	51	-	25	27	-
53 Kernville	7	7	7	-	-	-	-
72 Barstow	39	26	20	-	12	15	-
73 Victorville	482	477	477	-	250	252	-
85 Bishop	75	75	75	-	39	39	-
86 Ridgecrest	78	49	49	-	47	48	-
Highland Region Totals:	1,082	1,029	1,023	-	526	537	-
32 Compton	199	199	199	-	82	88	-
42 Santa Monica	50	50	50	-	13	18	-
44 South Bay	252	252	252	-	72	85	-
46 Long Beach	207	207	206	1	30	53	-
47 Whittier	64	64	64	-	13	15	-
Metro West Region Totals:	772	772	772	1	210	259	-
35 Thousand Oaks	509	509	504	5	187	193	-
39 Ventura	255	252	255	-	109	120	-
49 Santa Barbara	73	72	72	-	25	28	-
59 Valencia	427	427	427	-	123	134	-
North Coast Region Totals:	1,264	1,261	1,258	5	444	475	-
50 Shaver	21	21	21	-	11	11	-
51 San Joaquin	258	258	258	-	76	82	-
San Joaquin Region Totals:	279	279	279	-	87	93	-
30 Foothill	504	495	522	-	196	212	-
31 Redlands	324	322	331	-	144	150	-
40 Arrowhead	33	33	33	-	22	24	-
79 Palm Springs	376	373	373	-	128	132	-
84 29 Palms	26	19	19	-	17	17	-
87 Blythe	54	53	53	-	22	23	-
Desert Region Totals:	1,317	1,295	1,331	-	529	558	-
22 Montebello	68	67	68	-	22	26	-
26 Covina	318	318	318	-	107	114	-
27 Monrovia	116	114	115	1	47	47	-
34 Ontario	760	760	760	-	298	340	-
Metro East Region Totals:	1,262	1,259	1,261	1	474	527	-
29 Santa Ana	315	311	319	2	99	115	-
33 Huntington Beach	207	204	207	-	50	65	-
43 Saddleback	1,122	1,114	1,138	-	284	319	-
48 Fullerton	291	291	293	-	108	118	-
61 Catalina	2	2	2	-	2	2	-
Orange Region Totals:	1,937	1,922	1,959	2	543	619	-
77 San Jacinto	1,003	979	998	-	354	383	-
San Jacinto Region Totals:	1,003	979	998	-	354	383	-
SYSTEM TOTALS	8,916	8,796	8,880	8	3,167	3,451	-

TABLE B-2.3
2004 GENERAL ORDER 165 ANNUAL REPORT
Padmount Switching/Protective Devices

Work Locations	Yr End 2004 Inventory	CONDITION RATING LEVELS								Total
		2	%	3	%	4	%	5	%	
36 Antelope Valley	347	-	0.00%	1	0.29%	4	1.15%	342	98.56%	347
52 Tehachapi	54	-	0.00%	-	0.00%	1	1.85%	53	98.15%	54
53 Kernville	7	-	0.00%	-	0.00%	-	0.00%	7	100.00%	7
72 Barstow	39	-	0.00%	-	0.00%	-	0.00%	39	100.00%	39
73 Victorville	482	-	0.00%	4	0.83%	4	0.83%	474	98.34%	482
85 Bishop	75	-	0.00%	-	0.00%	-	0.00%	75	100.00%	75
86 Ridgecrest	78	-	0.00%	-	0.00%	1	1.28%	77	98.72%	78
Highland Region Totals:	1,082	-	0.00%	5	0.46%	10	0.92%	1,067	98.61%	1,082
32 Compton	199	-	0.00%	-	0.00%	1	0.50%	198	99.50%	199
42 Santa Monica	50	-	0.00%	-	0.00%	-	0.00%	50	100.00%	50
44 South Bay	252	-	0.00%	3	1.19%	-	0.00%	249	98.81%	252
46 Long Beach	207	-	0.00%	-	0.00%	9	4.35%	198	95.65%	207
47 Whittier	64	-	0.00%	-	0.00%	-	0.00%	64	100.00%	64
Metro West Region Totals:	772	-	0.00%	3	0.39%	10	1.30%	759	98.32%	772
35 Thousand Oaks	509	-	0.00%	38	7.47%	17	3.34%	454	89.19%	509
39 Ventura	255	-	0.00%	2	0.78%	1	0.39%	252	98.82%	255
49 Santa Barbara	73	-	0.00%	-	0.00%	-	0.00%	73	100.00%	73
59 Valencia	427	-	0.00%	15	3.51%	4	0.94%	408	95.55%	427
North Coast Region Totals:	1,264	-	0.00%	55	4.35%	22	1.74%	1,187	93.91%	1,264
50 Shaver	21	-	0.00%	-	0.00%	-	0.00%	21	100.00%	21
51 San Joaquin	258	-	0.00%	-	0.00%	-	0.00%	258	100.00%	258
San Joaquin Region Totals:	279	-	0.00%	-	0.00%	-	0.00%	279	100.00%	279
30 Foothill	504	-	0.00%	-	0.00%	1	0.20%	503	99.80%	504
31 Redlands	324	-	0.00%	2	0.62%	-	0.00%	322	99.38%	324
40 Arrowhead	33	-	0.00%	-	0.00%	-	0.00%	33	100.00%	33
79 Palm Springs	376	-	0.00%	-	0.00%	-	0.00%	376	100.00%	376
84 29 Palms	26	-	0.00%	-	0.00%	-	0.00%	26	100.00%	26
87 Blythe	54	-	0.00%	1	1.85%	-	0.00%	53	98.15%	54
Desert Region Totals:	1,317	-	0.00%	3	0.23%	1	0.08%	1,313	99.70%	1,317
22 Montebello	68	-	0.00%	-	0.00%	1	1.47%	67	98.53%	68
26 Covina	318	-	0.00%	2	0.63%	-	0.00%	316	99.37%	318
27 Monrovia	116	-	0.00%	-	0.00%	1	0.86%	115	99.14%	116
34 Ontario	760	1	0.13%	1	0.13%	-	0.00%	758	99.74%	760
Metro East Region Totals:	1,262	1	0.08%	3	0.24%	2	0.16%	1,256	99.52%	1,262
29 Santa Ana	315	2	0.63%	2	0.63%	-	0.00%	311	98.73%	315
33 Huntington Beach	207	-	0.00%	1	0.48%	-	0.00%	206	99.52%	207
43 Saddleback	1,122	-	0.00%	12	1.07%	-	0.00%	1,110	98.93%	1,122
48 Fullerton	291	-	0.00%	6	2.06%	1	0.34%	284	97.59%	291
61 Catalina	2	-	0.00%	-	0.00%	-	0.00%	2	100.00%	2
Orange Region Totals:	1,937	2	0.10%	21	1.08%	1	0.05%	1,913	98.76%	1,937
77 San Jacinto	1,003	1	0.10%	17	1.69%	-	0.00%	985	98.21%	1,003
San Jacinto Region Totals:	1,003	1	0.10%	17	1.69%	-	0.00%	985	98.21%	1,003
SYSTEM TOTALS	8,916	4	0.04%	107	1.20%	46	0.52%	8,759	98.24%	8,916

TABLE B-2.3
2004 GENERAL ORDER 165 ANNUAL REPORT
Padmount Switching/Protective Devices

Work Locations	Yr End 2004 Inventory	CORRECTIVE ACTIONS															
		Level 2				Level 3				Level 4				Summary (Level 2,3,4)			
		Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%
36 Antelope Valley	347	5	7	-	0.00%	5	5	-	0.00%	-	-	-	0.00%	10	12	-	0.00%
52 Tehachapi	54	-	-	-	0.00%	-	-	-	0.00%	-	1	-	0.00%	-	1	-	0.00%
53 Kernville	7	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
72 Barstow	39	-	-	-	0.00%	1	1	-	0.00%	-	-	-	0.00%	1	1	-	0.00%
73 Victorville	482	11	16	-	0.00%	2	2	-	0.00%	-	-	-	0.00%	13	18	-	0.00%
85 Bishop	75	-	1	-	0.00%	-	1	-	0.00%	-	-	-	0.00%	-	2	-	0.00%
86 Ridgecrest	78	1	1	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	1	1	-	0.00%
Highland Region Totals:	1,082	17	25	-	0.00%	8	9	-	0.00%	-	1	-	0.00%	25	35	-	0.00%
32 Compton	199	3	6	-	0.00%	-	10	-	0.00%	1	1	-	0.00%	4	17	-	0.00%
42 Santa Monica	50	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
44 South Bay	252	2	4	-	0.00%	2	18	-	0.00%	-	1	-	0.00%	4	23	-	0.00%
46 Long Beach	207	2	4	-	0.00%	-	1	-	0.00%	-	-	-	0.00%	2	5	-	0.00%
47 Whittier	64	-	-	-	0.00%	-	3	-	0.00%	-	-	-	0.00%	-	3	-	0.00%
Metro West Region Totals:	772	7	14	-	0.00%	2	32	-	0.00%	1	2	-	0.00%	10	48	-	0.00%
35 Thousand Oaks	509	3	10	-	0.00%	4	9	-	0.00%	-	-	-	0.00%	7	19	-	0.00%
39 Ventura	255	3	15	-	0.00%	3	3	-	0.00%	-	-	-	0.00%	6	18	-	0.00%
49 Santa Barbara	73	1	1	-	0.00%	1	2	-	0.00%	-	-	-	0.00%	2	3	-	0.00%
59 Valencia	427	2	7	-	0.00%	11	16	-	0.00%	-	-	-	0.00%	13	23	-	0.00%
North Coast Region Totals:	1,264	9	33	-	0.00%	19	30	-	0.00%	-	-	-	0.00%	28	63	-	0.00%
50 Shaver	21	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
51 San Joaquin	258	1	8	-	0.00%	-	1	-	0.00%	-	-	-	0.00%	1	9	-	0.00%
San Joaquin Region Totals:	279	1	8	-	0.00%	-	1	-	0.00%	-	-	-	0.00%	1	9	-	0.00%
30 Foothill	504	3	8	-	0.00%	-	1	-	0.00%	-	-	-	0.00%	3	9	-	0.00%
31 Redlands	324	1	1	-	0.00%	1	1	-	0.00%	1	1	-	0.00%	3	3	-	0.00%
40 Arrowhead	33	-	1	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	1	-	0.00%
79 Palm Springs	376	1	1	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	1	1	-	0.00%
84 29 Palms	26	-	1	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	1	-	0.00%
87 Blythe	54	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Desert Region Totals:	1,317	5	12	-	0.00%	1	2	-	0.00%	1	1	-	0.00%	7	15	-	0.00%
22 Montebello	68	-	-	-	0.00%	1	1	-	0.00%	-	-	-	0.00%	1	1	-	0.00%
26 Covina	318	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
27 Monrovia	116	-	-	-	0.00%	-	1	-	0.00%	-	-	-	0.00%	-	1	-	0.00%
34 Ontario	760	2	12	-	0.00%	-	10	-	0.00%	1	1	-	0.00%	3	23	-	0.00%
Metro East Region Totals:	1,262	2	12	-	0.00%	1	12	-	0.00%	1	1	-	0.00%	4	25	-	0.00%
29 Santa Ana	315	-	2	-	0.00%	4	5	-	0.00%	-	-	-	0.00%	4	7	-	0.00%
33 Huntington Beach	207	1	1	-	0.00%	4	4	-	0.00%	-	4	-	0.00%	5	5	-	0.00%
43 Saddleback	1,122	5	9	-	0.00%	28	29	-	0.00%	-	-	-	0.00%	33	38	-	0.00%
48 Fullerton	291	2	2	-	0.00%	1	2	-	0.00%	-	-	-	0.00%	3	4	-	0.00%
61 Catalina	2	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Orange Region Totals:	1,937	8	14	-	0.00%	37	40	-	0.00%	-	-	-	0.00%	45	54	-	0.00%
77 San Jacinto	1,003	13	19	-	0.00%	7	11	-	0.00%	-	-	-	0.00%	20	30	-	0.00%
San Jacinto Region Totals:	1,003	13	19	-	0.00%	7	11	-	0.00%	-	-	-	0.00%	20	30	-	0.00%
SYSTEM TOTALS	8,916	62	137	-	0.00%	75	137	-	0.00%	3	5	-	0.00%	140	279	-	0.00%

TABLE B-2.3
2004 GENERAL ORDER 165 ANNUAL REPORT
Padmount Switching/Protective Devices

Work Locations	Yr End 2004 Inventory	2005 Patrols	YEAR 2005 PLAN					
			Detailed Inspections			Corrective Actions		
			2004 Remaining	2005 Detailed	2005 Total	2004 Remaining	2005 Planned	2005 Total
36 Antelope Valley	347	340	-	108	108	-	12	12
52 Tehachapi	54	3	-	21	21	-	4	4
53 Kernville	7	0	-	6	6	-	-	-
72 Barstow	39	19	-	6	6	-	-	-
73 Victorville	482	362	-	136	136	-	5	5
85 Bishop	75	38	-	26	26	-	1	1
86 Ridgecrest	78	31	-	19	19	-	-	-
Highland Region Totals:	1,082	792	-	322	322	-	22	22
32 Compton	199	199	-	39	39	-	3	3
42 Santa Monica	50	50	-	16	16	-	1	1
44 South Bay	252	252	-	81	81	-	10	10
46 Long Beach	207	207	-	89	89	-	11	11
47 Whittier	64	64	-	15	15	-	1	1
Metro West Region Totals:	772	772	-	240	240	-	26	26
35 Thousand Oaks	509	509	-	153	153	-	59	59
39 Ventura	255	255	-	77	77	-	9	9
49 Santa Barbara	73	73	-	24	24	-	1	1
59 Valencia	427	408	-	131	131	-	26	26
North Coast Region Totals:	1,264	1,245	-	385	385	-	95	95
50 Shaver	21	-	-	7	7	-	-	-
51 San Joaquin	258	258	-	46	46	-	7	7
San Joaquin Region Totals:	279	258	-	53	53	-	7	7
30 Foothill	504	500	-	149	149	-	6	6
31 Redlands	324	305	-	92	92	-	4	4
40 Arrowhead	33	30	-	2	2	-	-	-
79 Palm Springs	376	333	-	106	106	-	1	1
84 29 Palms	26	7	-	6	6	-	-	-
87 Blythe	54	15	-	13	13	-	1	1
Desert Region Totals:	1,317	1,189	-	368	368	-	12	12
22 Montebello	68	68	-	27	27	-	-	-
26 Covina	318	318	-	69	69	-	3	3
27 Monrovia	116	115	-	50	50	-	2	2
34 Ontario	760	729	-	222	222	-	16	16
Metro East Region Totals:	1,262	1,230	-	368	368	-	21	21
29 Santa Ana	315	315	-	59	59	-	5	5
33 Huntington Beach	207	207	-	30	30	-	2	2
43 Saddleback	1,122	1,114	-	244	244	-	15	15
48 Fullerton	291	291	-	85	85	-	8	8
61 Catalina	2	1	-	-	-	-	-	-
Orange Region Totals:	1,937	1,928	-	418	418	-	30	30
77 San Jacinto	1,003	766	-	276	276	-	25	25
San Jacinto Region Totals:	1,003	766	-	276	276	-	25	25
SYSTEM TOTALS	8,916	8,181	-	2,430	2,430	-	238	238

TABLE B-3.1
2004 GENERAL ORDER 165 ANNUAL REPORT
Overhead Regulators

Work Locations	Yr End 2004 Inventory	2004 INSPECTIONS					
		PATROLS			DETAILED		
		Planned	Comp.	Balance	Planned	Comp.	Balance
36 Antelope Valley	2	2	2	-	-	-	-
52 Tehachapi	-	-	-	-	-	-	-
53 Kernville	6	6	6	-	2	2	-
72 Barstow	6	4	3	-	-	-	-
73 Victorville	10	10	10	-	-	3	-
85 Bishop	6	6	6	-	-	-	-
86 Ridgecrest	5	3	3	-	-	-	-
Highland Region Totals:	35	31	30	-	2	5	-
32 Compton	-	-	-	-	-	-	-
42 Santa Monica	-	-	-	-	-	-	-
44 South Bay	-	-	-	-	-	-	-
46 Long Beach	-	-	-	-	-	-	-
47 Whittier	-	-	-	-	-	-	-
Metro West Region Totals:	-	-	-	-	-	-	-
35 Thousand Oaks	1	1	1	0	1	1	-
39 Ventura	-	-	-	-	-	-	-
49 Santa Barbara	-	-	-	-	-	-	-
59 Valencia	-	-	-	-	2	2	-
North Coast Region Totals:	1	1	1	0	3	3	-
50 Shaver	-	-	-	-	-	-	-
51 San Joaquin	13	13	13	-	2	5	-
San Joaquin Region Totals:	13	13	13	-	2	5	-
30 Foothill	3	3	3	-	-	-	-
31 Redlands	16	16	16	-	1	4	-
40 Arrowhead	-	-	-	-	-	-	-
79 Palm Springs	4	4	4	-	-	-	-
84 29 Palms	10	7	7	-	-	-	-
87 Blythe	2	2	2	-	-	-	-
Desert Region Totals:	35	32	33	-	1	4	-
22 Montebello	-	-	-	-	-	-	-
26 Covina	-	-	-	-	-	-	-
27 Monrovia	-	-	-	-	-	-	-
34 Ontario	-	-	-	-	-	-	-
Metro East Region Totals:	-	-	-	-	-	-	-
29 Santa Ana	-	-	-	-	-	-	-
33 Huntington Beach	-	-	-	-	-	-	-
43 Saddleback	-	-	-	-	-	-	-
48 Fullerton	-	-	-	-	-	-	-
61 Catalina	-	-	-	-	-	-	-
Orange Region Totals:	-	-	-	-	-	-	-
77 San Jacinto	13	13	13	-	7	10	-
San Jacinto Region Totals:	13	13	13	-	7	10	-
SYSTEM TOTALS	97	90	90	0	15	27	-

TABLE B-3.1
2004 GENERAL ORDER 165 ANNUAL REPORT
Overhead Regulators

Work Locations	Yr End 2004 Inventory	CONDITION RATING LEVELS								
		2	%	3	%	4	%	5	%	Total
36 Antelope Valley	2	-	0.00%	-	0.00%	-	0.00%	2	100.00%	2
52 Tehachapi	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
53 Kernville	6	-	0.00%	-	0.00%	-	0.00%	6	100.00%	6
72 Barstow	6	-	0.00%	-	0.00%	-	0.00%	6	100.00%	6
73 Victorville	10	-	0.00%	-	0.00%	1	10.00%	9	90.00%	10
85 Bishop	6	-	0.00%	-	0.00%	-	0.00%	6	100.00%	6
86 Ridgecrest	5	-	0.00%	-	0.00%	-	0.00%	5	100.00%	5
Highland Region Totals:	35	-	0.00%	-	0.00%	1	2.86%	34	97.14%	35
32 Compton	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
42 Santa Monica	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
44 South Bay	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
46 Long Beach	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
47 Whittier	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
Metro West Region Totals:	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
35 Thousand Oaks	1	-	0.00%	-	0.00%	-	0.00%	1	100.00%	1
39 Ventura	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
49 Santa Barbara	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
59 Valencia	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
North Coast Region Totals:	1	-	0.00%	-	0.00%	-	0.00%	1	100.00%	1
50 Shaver	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
51 San Joaquin	13	-	0.00%	-	0.00%	-	0.00%	13	100.00%	13
San Joaquin Region Totals:	13	-	0.00%	-	0.00%	-	0.00%	13	100.00%	13
30 Foothill	3	-	0.00%	-	0.00%	-	0.00%	3	100.00%	3
31 Redlands	16	-	0.00%	-	0.00%	-	0.00%	16	100.00%	16
40 Arrowhead	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
79 Palm Springs	4	-	0.00%	-	0.00%	-	0.00%	4	100.00%	4
84 29 Palms	10	-	0.00%	-	0.00%	-	0.00%	10	100.00%	10
87 Blythe	2	-	0.00%	-	0.00%	-	0.00%	2	100.00%	2
Desert Region Totals:	35	-	0.00%	-	0.00%	-	0.00%	35	100.00%	35
22 Montebello	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
26 Covina	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
27 Monrovia	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
34 Ontario	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
Metro East Region Totals:	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
29 Santa Ana	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
33 Huntington Beach	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
43 Saddleback	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
48 Fullerton	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
61 Catalina	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
Orange Region Totals:	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
77 San Jacinto	13	-	0.00%	-	0.00%	-	0.00%	13	100.00%	13
San Jacinto Region Totals:	13	-	0.00%	-	0.00%	-	0.00%	13	100.00%	13
SYSTEM TOTALS	97	-	0.00%	-	0.00%	1	1.03%	96	98.97%	97

TABLE B-3.1
2004 GENERAL ORDER 165 ANNUAL REPORT
Overhead Regulators

Work Locations	Yr End 2004 Inventory	CORRECTIVE ACTIONS															
		Level 2				Level 3				Level 4				Summary (Level 2,3,4)			
		Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%
36 Antelope Valley	2	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
52 Tehachapi	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
53 Kernville	6	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
72 Barstow	6	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
73 Victorville	10	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
85 Bishop	6	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
86 Ridgecrest	5	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Highland Region Totals:	35	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
32 Compton	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
42 Santa Monica	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
44 South Bay	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
46 Long Beach	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
47 Whittier	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Metro West Region Totals:	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
35 Thousand Oaks	1	-	1	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	1	-	0.00%
39 Ventura	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
49 Santa Barbara	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
59 Valencia	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
North Coast Region Totals:	1	-	1	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	1	-	0.00%
50 Shaver	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
51 San Joaquin	13	-	1	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	1	-	0.00%
San Joaquin Region Totals:	13	-	1	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	1	-	0.00%
30 Foothill	3	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
31 Redlands	16	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
40 Arrowhead	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
79 Palm Springs	4	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
84 29 Palms	10	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
87 Blythe	2	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Desert Region Totals:	35	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
22 Montebello	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
26 Covina	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
27 Monrovia	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
34 Ontario	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Metro East Region Totals:	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
29 Santa Ana	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
33 Huntington Beach	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
43 Saddleback	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
48 Fullerton	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
61 Catalina	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Orange Region Totals:	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
77 San Jacinto	13	-	1	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	1	-	0.00%
San Jacinto Region Totals:	13	-	1	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	1	-	0.00%
SYSTEM TOTALS	97	-	3	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	3	-	0.00%

TABLE B-3.1
2004 GENERAL ORDER 165 ANNUAL REPORT
Overhead Regulators

Work Locations	Yr End 2004 Inventory	2005 Patrols	YEAR 2005 PLAN						
			Detailed Inspections			Corrective Actions			
			2004 Remaining	2005 Detailed	2005 Total	2004 Remaining	2005 Planned	2005 Total	
36 Antelope Valley	2	2	-	-	-	-	-	-	-
52 Tehachapi	-	-	-	-	-	-	-	-	-
53 Kernville	6	0	-	-	-	-	-	-	-
72 Barstow	6	3	-	-	-	-	-	-	-
73 Victorville	10	8	-	-	-	-	-	-	-
85 Bishop	6	3	-	3	3	-	-	-	-
86 Ridgecrest	5	2	-	3	3	-	-	-	-
Highland Region Totals:	35	18	-	6	6	-	-	-	-
32 Compton	-	-	-	-	-	-	-	-	-
42 Santa Monica	-	-	-	-	-	-	-	-	-
44 South Bay	-	-	-	-	-	-	-	-	-
46 Long Beach	-	-	-	-	-	-	-	-	-
47 Whittier	-	-	-	-	-	-	-	-	-
Metro West Region Totals:	-	-	-	-	-	-	-	-	-
35 Thousand Oaks	1	1	-	-	-	-	-	-	-
39 Ventura	-	-	-	-	-	-	-	-	-
49 Santa Barbara	-	-	-	-	-	-	-	-	-
59 Valencia	-	-	-	-	-	-	-	-	-
North Coast Region Totals:	1	1	-	-	-	-	-	-	-
50 Shaver	-	-	-	-	-	-	-	-	-
51 San Joaquin	13	13	-	2	2	-	-	-	-
San Joaquin Region Totals:	13	13	-	2	2	-	-	-	-
30 Foothill	3	3	-	-	-	-	-	-	-
31 Redlands	16	15	-	3	3	-	-	-	-
40 Arrowhead	-	-	-	-	-	-	-	-	-
79 Palm Springs	4	4	-	1	1	-	-	-	-
84 29 Palms	10	3	-	6	6	-	-	-	-
87 Blythe	2	1	-	-	-	-	-	-	-
Desert Region Totals:	35	25	-	10	10	-	-	-	-
22 Montebello	-	-	-	-	-	-	-	-	-
26 Covina	-	-	-	-	-	-	-	-	-
27 Monrovia	-	-	-	-	-	-	-	-	-
34 Ontario	-	-	-	-	-	-	-	-	-
Metro East Region Totals:	-	-	-	-	-	-	-	-	-
29 Santa Ana	-	-	-	-	-	-	-	-	-
33 Huntington Beach	-	-	-	-	-	-	-	-	-
43 Saddleback	-	-	-	-	-	-	-	-	-
48 Fullerton	-	-	-	-	-	-	-	-	-
61 Catalina	-	-	-	-	-	-	-	-	-
Orange Region Totals:	-	-	-	-	-	-	-	-	-
77 San Jacinto	13	10	-	3	3	-	-	-	-
San Jacinto Region Totals:	13	10	-	3	3	-	-	-	-
SYSTEM TOTALS	97	67	-	21	21	-	-	-	-

TABLE B-3.2
2004 GENERAL ORDER 165 ANNUAL REPORT
Pad Regulators

Work Locations	Yr End 2004 Inventory	2004 INSPECTIONS					
		PATROLS			DETAILED		
		Planned	Comp.	Balance	Planned	Comp.	Balance
36 Antelope Valley	-	-	-	-	-	-	-
52 Tehachapi	-	-	-	-	-	-	-
53 Kernville	-	-	-	-	-	-	-
72 Barstow	-	-	-	-	-	-	-
73 Victorville	-	-	-	-	-	-	-
85 Bishop	-	-	-	-	-	-	-
86 Ridgecrest	-	-	-	-	-	-	-
Highland Region Totals:	-	-	-	-	-	-	-
32 Compton	-	-	-	-	-	-	-
42 Santa Monica	-	-	-	-	-	-	-
44 South Bay	-	-	-	-	-	-	-
46 Long Beach	-	-	-	-	-	-	-
47 Whittier	-	-	-	-	-	-	-
Metro West Region Totals:	-	-	-	-	-	-	-
35 Thousand Oaks	-	-	-	-	-	-	-
39 Ventura	-	-	-	-	-	-	-
49 Santa Barbara	-	-	-	-	-	-	-
59 Valencia	-	-	-	-	-	-	-
North Coast Region Totals:	-	-	-	-	-	-	-
50 Shaver	-	-	-	-	-	-	-
51 San Joaquin	-	-	-	-	-	-	-
San Joaquin Region Totals:	-	-	-	-	-	-	-
30 Foothill	-	-	-	-	-	-	-
31 Redlands	1	1	1	-	-	-	-
40 Arrowhead	1	1	1	-	-	-	-
79 Palm Springs	10	10	10	-	-	2	-
84 29 Palms	-	-	-	-	-	-	-
87 Blythe	-	-	-	-	-	-	-
Desert Region Totals:	12	12	12	-	-	2	-
22 Montebello	-	-	-	-	-	-	-
26 Covina	-	-	-	-	-	-	-
27 Monrovia	-	-	-	-	-	-	-
34 Ontario	5	5	5	-	-	-	-
Metro East Region Totals:	5	5	5	-	-	-	-
29 Santa Ana	-	-	-	-	-	-	-
33 Huntington Beach	-	-	-	-	-	-	-
43 Saddleback	-	-	-	-	-	-	-
48 Fullerton	-	-	-	-	-	-	-
61 Catalina	-	-	-	-	-	-	-
Orange Region Totals:	-	-	-	-	-	-	-
77 San Jacinto	7	7	7	-	-	-	-
San Jacinto Region Totals:	7	7	7	-	-	-	-
SYSTEM TOTALS	24	24	24	-	-	2	-

TABLE B-3.2
2004 GENERAL ORDER 165 ANNUAL REPORT
Pad Regulators

Work Locations	Yr End 2004 Inventory	CONDITION RATING LEVELS								Total
		2	%	3	%	4	%	5	%	
36 Antelope Valley	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
52 Tehachapi	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
53 Kernville	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
72 Barstow	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
73 Victorville	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
85 Bishop	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
86 Ridgecrest	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
Highland Region Totals:	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
32 Compton	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
42 Santa Monica	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
44 South Bay	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
46 Long Beach	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
47 Whittier	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
Metro West Region Totals:	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
35 Thousand Oaks	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
39 Ventura	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
49 Santa Barbara	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
59 Valencia	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
North Coast Region Totals:	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
50 Shaver	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
51 San Joaquin	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
San Joaquin Region Totals:	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
30 Foothill	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
31 Redlands	1	-	0.00%	-	0.00%	-	0.00%	1	100.00%	1
40 Arrowhead	1	-	0.00%	-	0.00%	-	0.00%	1	100.00%	1
79 Palm Springs	10	-	0.00%	-	0.00%	-	0.00%	10	100.00%	10
84 29 Palms	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
87 Blythe	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
Desert Region Totals:	12	-	0.00%	-	0.00%	-	0.00%	12	100.00%	12
22 Montebello	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
26 Covina	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
27 Monrovia	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
34 Ontario	5	-	0.00%	-	0.00%	-	0.00%	5	100.00%	5
Metro East Region Totals:	5	-	0.00%	-	0.00%	-	0.00%	5	100.00%	5
29 Santa Ana	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
33 Huntington Beach	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
43 Saddleback	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
48 Fullerton	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
61 Catalina	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
Orange Region Totals:	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
77 San Jacinto	7	-	0.00%	-	0.00%	-	0.00%	7	100.00%	7
San Jacinto Region Totals:	7	-	0.00%	-	0.00%	-	0.00%	7	100.00%	7
SYSTEM TOTALS	24	-	0.00%	-	0.00%	-	0.00%	24	100.00%	24

TABLE B-3.2
2004 GENERAL ORDER 165 ANNUAL REPORT
Pad Regulators

Work Locations	Yr End 2004 Inventory	CORRECTIVE ACTIONS															
		Level 2				Level 3				Level 4				Summary (Level 2,3,4)			
		Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%
36 Antelope Valley	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
52 Tehachapi	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
53 Kernville	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
72 Barstow	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
73 Victorville	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
85 Bishop	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
86 Ridgecrest	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Highland Region Totals:	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
32 Compton	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
42 Santa Monica	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
44 South Bay	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
46 Long Beach	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
47 Whittier	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Metro West Region Totals:	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
35 Thousand Oaks	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
39 Ventura	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
49 Santa Barbara	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
59 Valencia	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
North Coast Region Totals:	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
50 Shaver	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
51 San Joaquin	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
San Joaquin Region Totals:	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
30 Foothill	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
31 Redlands	1	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
40 Arrowhead	1	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
79 Palm Springs	10	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
84 29 Palms	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
87 Blythe	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Desert Region Totals:	12	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
22 Montebello	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
26 Covina	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
27 Monrovia	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
34 Ontario	5	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Metro East Region Totals:	5	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
29 Santa Ana	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
33 Huntington Beach	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
43 Saddleback	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
48 Fullerton	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
61 Catalina	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Orange Region Totals:	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
77 San Jacinto	7	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
San Jacinto Region Totals:	7	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
SYSTEM TOTALS	24	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%

TABLE B-3.2
2004 GENERAL ORDER 165 ANNUAL REPORT
Pad Regulators

Work Locations	Yr End 2004 Inventory	2005 Patrols	YEAR 2005 PLAN						
			Detailed Inspections			Corrective Actions			
			2004 Remaining	2005 Detailed	2005 Total	2004 Remaining	2005 Planned	2005 Total	
36 Antelope Valley	-	-	-	-	-	-	-	-	-
52 Tehachapi	-	-	-	-	-	-	-	-	-
53 Kernville	-	-	-	-	-	-	-	-	-
72 Barstow	-	-	-	-	-	-	-	-	-
73 Victorville	-	-	-	-	-	-	-	-	-
85 Bishop	-	-	-	-	-	-	-	-	-
86 Ridgecrest	-	-	-	-	-	-	-	-	-
Highland Region Totals:	-	-	-	-	-	-	-	-	-
32 Compton	-	-	-	-	-	-	-	-	-
42 Santa Monica	-	-	-	-	-	-	-	-	-
44 South Bay	-	-	-	-	-	-	-	-	-
46 Long Beach	-	-	-	-	-	-	-	-	-
47 Whittier	-	-	-	-	-	-	-	-	-
Metro West Region Totals:	-	-	-	-	-	-	-	-	-
35 Thousand Oaks	-	-	-	-	-	-	-	-	-
39 Ventura	-	-	-	-	-	-	-	-	-
49 Santa Barbara	-	-	-	-	-	-	-	-	-
59 Valencia	-	-	-	-	-	-	-	-	-
North Coast Region Totals:	-	-	-	-	-	-	-	-	-
50 Shaver	-	-	-	-	-	-	-	-	-
51 San Joaquin	-	-	-	-	-	-	-	-	-
San Joaquin Region Totals:	-	-	-	-	-	-	-	-	-
30 Foothill	-	-	-	-	-	-	-	-	-
31 Redlands	1	1	-	-	-	-	-	-	-
40 Arrowhead	1	1	-	-	-	-	-	-	-
79 Palm Springs	10	9	-	-	-	-	-	-	-
84 29 Palms	-	-	-	-	-	-	-	-	-
87 Blythe	-	-	-	-	-	-	-	-	-
Desert Region Totals:	12	11	-	-	-	-	-	-	-
22 Montebello	-	-	-	-	-	-	-	-	-
26 Covina	-	-	-	-	-	-	-	-	-
27 Monrovia	-	-	-	-	-	-	-	-	-
34 Ontario	5	5	-	-	-	-	-	-	-
Metro East Region Totals:	5	5	-	-	-	-	-	-	-
29 Santa Ana	-	-	-	-	-	-	-	-	-
33 Huntington Beach	-	-	-	-	-	-	-	-	-
43 Saddleback	-	-	-	-	-	-	-	-	-
48 Fullerton	-	-	-	-	-	-	-	-	-
61 Catalina	-	-	-	-	-	-	-	-	-
Orange Region Totals:	-	-	-	-	-	-	-	-	-
77 San Jacinto	7	5	-	-	-	-	-	-	-
San Jacinto Region Totals:	7	5	-	-	-	-	-	-	-
SYSTEM TOTALS	24	21	-	-	-	-	-	-	-

TABLE B-4.1
2004 GENERAL ORDER 165 ANNUAL REPORT
Overhead Capacitors

Work Locations	Yr End 2004 Inventory	2004 INSPECTIONS					
		PATROLS			DETAILED		
		Planned	Comp.	Balance	Planned	Comp.	Balance
36 Antelope Valley	426	422	422	-	11	134	-
52 Tehachapi	57	54	54	-	3	11	-
53 Kernville	39	39	39	-	-	11	-
72 Barstow	89	60	46	-	72	21	-
73 Victorville	295	292	292	-	17	112	-
85 Bishop	39	39	39	-	-	20	-
86 Ridgecrest	93	58	58	-	-	8	-
Highland Region Totals:	1,038	964	950	-	103	317	-
32 Compton	623	623	623	-	177	222	-
42 Santa Monica	205	206	206	-	65	110	-
44 South Bay	489	489	489	-	217	235	-
46 Long Beach	455	455	453	2	199	212	-
47 Whittier	386	386	386	-	129	151	-
Metro West Region Totals:	2,158	2,159	2,158	2	787	930	-
35 Thousand Oaks	284	284	281	3	4	62	-
39 Ventura	267	264	267	-	-	155	-
49 Santa Barbara	181	179	179	-	-	30	-
59 Valencia	174	174	174	-	2	35	-
North Coast Region Totals:	906	901	901	3	6	282	-
50 Shaver	7	7	7	-	-	-	-
51 San Joaquin	1,055	1,055	1,055	-	-	418	-
San Joaquin Region Totals:	1,062	1,062	1,062	-	-	418	-
30 Foothill	409	402	423	-	15	134	1
31 Redlands	522	519	534	-	85	154	-
40 Arrowhead	53	53	53	-	21	22	-
79 Palm Springs	273	271	271	-	84	156	-
84 29 Palms	66	47	47	-	7	22	-
87 Blythe	76	74	74	-	8	8	-
Desert Region Totals:	1,399	1,366	1,402	-	220	496	1
22 Montebello	440	434	440	-	172	163	-
26 Covina	661	661	661	-	169	154	-
27 Monrovia	484	475	478	3	149	145	-
34 Ontario	672	672	672	-	166	166	-
Metro East Region Totals:	2,257	2,242	2,251	3	656	628	-
29 Santa Ana	450	445	455	3	-	457	-
33 Huntington Beach	263	259	263	-	-	8	-
43 Saddleback	80	79	81	-	1	3	-
48 Fullerton	464	464	467	-	32	436	-
61 Catalina	3	3	3	-	-	-	-
Orange Region Totals:	1,260	1,250	1,269	3	33	904	-
77 San Jacinto	710	693	707	-	295	375	-
San Jacinto Region Totals:	710	693	707	-	295	375	-
SYSTEM TOTALS	10,790	10,638	10,700	10	2,100	4,350	1

TABLE B-4.1
2004 GENERAL ORDER 165 ANNUAL REPORT
Overhead Capacitors

Work Locations	Yr End 2004 Inventory	CONDITION RATING LEVELS								Total
		2	%	3	%	4	%	5	%	
36 Antelope Valley	426	-	0.00%	-	0.00%	-	0.00%	426	100.00%	426
52 Tehachapi	57	-	0.00%	-	0.00%	-	0.00%	57	100.00%	57
53 Kernville	39	-	0.00%	1	2.56%	-	0.00%	38	97.44%	39
72 Barstow	89	-	0.00%	-	0.00%	2	2.25%	87	97.75%	89
73 Victorville	295	-	0.00%	7	2.37%	3	1.02%	285	96.61%	295
85 Bishop	39	-	0.00%	-	0.00%	-	0.00%	39	100.00%	39
86 Ridgecrest	93	-	0.00%	1	1.08%	5	5.38%	87	93.55%	93
Highland Region Totals:	1,038	-	0.00%	9	0.87%	10	0.96%	1,019	98.17%	1,038
32 Compton	623	4	0.64%	5	0.80%	65	10.43%	549	88.12%	623
42 Santa Monica	205	-	0.00%	2	0.98%	-	0.00%	203	99.02%	205
44 South Bay	489	1	0.20%	26	5.32%	52	10.63%	410	83.84%	489
46 Long Beach	455	2	0.44%	9	1.98%	46	10.11%	398	87.47%	455
47 Whittier	386	-	0.00%	25	6.48%	35	9.07%	326	84.46%	386
Metro West Region Totals:	2,158	7	0.32%	67	3.10%	198	9.18%	1,886	87.40%	2,158
35 Thousand Oaks	284	-	0.00%	4	1.41%	1	0.35%	279	98.24%	284
39 Ventura	267	-	0.00%	6	2.25%	2	0.75%	259	97.00%	267
49 Santa Barbara	181	-	0.00%	12	6.63%	2	1.10%	167	92.27%	181
59 Valencia	174	-	0.00%	6	3.45%	3	1.72%	165	94.83%	174
North Coast Region Totals:	906	-	0.00%	28	3.09%	8	0.88%	870	96.03%	906
50 Shaver	7	-	0.00%	-	0.00%	2	28.57%	5	71.43%	7
51 San Joaquin	1,055	-	0.00%	7	0.66%	19	1.80%	1,029	97.54%	1,055
San Joaquin Region Totals:	1,062	-	0.00%	7	0.66%	21	1.98%	1,034	97.36%	1,062
30 Foothill	409	-	0.00%	2	0.49%	1	0.24%	406	99.27%	409
31 Redlands	522	-	0.00%	-	0.00%	6	1.15%	516	98.85%	522
40 Arrowhead	53	-	0.00%	-	0.00%	2	3.77%	51	96.23%	53
79 Palm Springs	273	-	0.00%	2	0.73%	4	1.47%	267	97.80%	273
84 29 Palms	66	-	0.00%	1	1.52%	-	0.00%	65	98.48%	66
87 Blythe	76	-	0.00%	-	0.00%	-	0.00%	76	100.00%	76
Desert Region Totals:	1,399	-	0.00%	5	0.36%	13	0.93%	1,381	98.71%	1,399
22 Montebello	440	2	0.45%	3	0.68%	19	4.32%	416	94.55%	440
26 Covina	661	1	0.15%	6	0.91%	44	6.66%	610	92.28%	661
27 Monrovia	484	2	0.41%	10	2.07%	26	5.37%	446	92.15%	484
34 Ontario	672	2	0.30%	17	2.53%	41	6.10%	612	91.07%	672
Metro East Region Totals:	2,257	7	0.31%	36	1.60%	130	5.76%	2,084	92.33%	2,257
29 Santa Ana	450	2	0.44%	5	1.11%	34	7.56%	409	90.89%	450
33 Huntington Beach	263	1	0.38%	2	0.76%	13	4.94%	247	93.92%	263
43 Saddleback	80	1	1.25%	1	1.25%	10	12.50%	68	85.00%	80
48 Fullerton	464	1	0.22%	6	1.29%	25	5.39%	432	93.10%	464
61 Catalina	3	-	0.00%	-	0.00%	-	0.00%	3	100.00%	3
Orange Region Totals:	1,260	5	0.40%	14	1.11%	82	6.51%	1,159	91.98%	1,260
77 San Jacinto	710	-	0.00%	12	1.69%	9	1.27%	689	97.04%	710
San Jacinto Region Totals:	710	-	0.00%	12	1.69%	9	1.27%	689	97.04%	710
SYSTEM TOTALS	10,790	19	0.18%	178	1.65%	471	4.37%	10,122	93.81%	10,790

TABLE B-4.1
2004 GENERAL ORDER 165 ANNUAL REPORT
Overhead Capacitors

Work Locations	Yr End 2004 Inventory	CORRECTIVE ACTIONS															
		Level 2				Level 3				Level 4				Summary (Level 2,3,4)			
		Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%
36 Antelope Valley	426	1	1	-	0.00%	-	-	-	0.00%	-	41	-	0.00%	1	42	-	0.00%
52 Tehachapi	57	-	-	-	0.00%	-	-	-	0.00%	-	6	-	0.00%	-	6	-	0.00%
53 Kernville	39	-	-	-	0.00%	-	1	-	0.00%	-	2	-	0.00%	-	3	-	0.00%
72 Barstow	89	-	-	-	0.00%	-	1	-	0.00%	-	3	-	0.00%	-	4	-	0.00%
73 Victorville	295	1	4	-	0.00%	-	2	-	0.00%	-	15	-	0.00%	1	21	-	0.00%
85 Bishop	39	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
86 Ridgecrest	93	-	1	-	0.00%	-	-	-	0.00%	-	1	-	0.00%	-	2	-	0.00%
Highland Region Totals:	1,038	2	6	-	0.00%	-	4	-	0.00%	-	68	-	0.00%	2	78	-	0.00%
32 Compton	623	5	10	1	9.09%	8	14	-	0.00%	9	26	-	0.00%	22	50	1	1.96%
42 Santa Monica	205	2	3	-	0.00%	-	5	-	0.00%	-	-	-	0.00%	2	8	-	0.00%
44 South Bay	489	7	2	1	33.33%	4	12	-	0.00%	3	46	-	0.00%	14	60	1	1.64%
46 Long Beach	455	4	1	2	66.67%	3	10	-	0.00%	5	18	-	0.00%	12	29	2	6.45%
47 Whittier	386	4	2	-	0.00%	1	3	-	0.00%	7	15	-	0.00%	12	20	-	0.00%
Metro West Region Totals:	2,158	22	18	4	18.18%	16	44	-	0.00%	24	105	-	0.00%	62	167	4	2.34%
35 Thousand Oaks	284	1	2	-	0.00%	-	11	-	0.00%	4	5	-	0.00%	5	18	-	0.00%
39 Ventura	267	1	29	-	0.00%	-	-	-	0.00%	-	8	-	0.00%	1	37	-	0.00%
49 Santa Barbara	181	11	26	-	0.00%	-	-	-	0.00%	1	9	-	0.00%	12	35	-	0.00%
59 Valencia	174	3	7	-	0.00%	-	8	-	0.00%	-	3	-	0.00%	3	18	-	0.00%
North Coast Region Totals:	906	16	64	-	0.00%	-	19	-	0.00%	5	25	-	0.00%	21	108	-	0.00%
50 Shaver	7	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
51 San Joaquin	1,055	7	58	-	0.00%	1	14	-	0.00%	13	83	-	0.00%	21	155	-	0.00%
San Joaquin Region Totals:	1,062	7	58	-	0.00%	1	14	-	0.00%	13	83	-	0.00%	21	155	-	0.00%
30 Foothill	409	2	6	-	0.00%	-	3	-	0.00%	-	12	-	0.00%	2	21	-	0.00%
31 Redlands	522	2	5	1	16.67%	1	2	-	0.00%	-	23	-	0.00%	3	30	1	3.23%
40 Arrowhead	53	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
79 Palm Springs	273	1	-	-	0.00%	-	-	-	0.00%	-	2	-	0.00%	1	2	-	0.00%
84 29 Palms	66	-	1	-	0.00%	-	11	-	0.00%	-	-	-	0.00%	-	12	-	0.00%
87 Blythe	76	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Desert Region Totals:	1,399	5	12	1	7.69%	1	16	-	0.00%	-	37	-	0.00%	6	65	1	1.52%
22 Montebello	440	2	3	-	0.00%	17	18	-	0.00%	18	54	-	0.00%	37	75	-	0.00%
26 Covina	661	3	6	-	0.00%	7	16	-	0.00%	2	42	-	0.00%	12	64	-	0.00%
27 Monrovia	484	3	2	-	0.00%	18	22	-	0.00%	1	16	-	0.00%	22	40	-	0.00%
34 Ontario	672	4	4	-	0.00%	2	4	-	0.00%	6	21	-	0.00%	12	29	-	0.00%
Metro East Region Totals:	2,257	12	15	-	0.00%	44	60	-	0.00%	27	133	-	0.00%	83	208	-	0.00%
29 Santa Ana	450	2	3	-	0.00%	-	5	-	0.00%	3	34	-	0.00%	5	42	-	0.00%
33 Huntington Beach	263	-	2	2	50.00%	-	2	-	0.00%	-	19	-	0.00%	-	23	2	8.00%
43 Saddleback	80	1	3	-	0.00%	-	-	-	0.00%	1	3	-	0.00%	2	6	-	0.00%
48 Fullerton	464	9	10	-	0.00%	4	18	-	0.00%	3	20	-	0.00%	16	48	-	0.00%
61 Catalina	3	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Orange Region Totals:	1,260	12	18	2	10.00%	4	25	-	0.00%	7	76	-	0.00%	23	119	2	1.65%
77 San Jacinto	710	5	12	-	0.00%	1	9	-	0.00%	3	5	-	0.00%	9	26	-	0.00%
San Jacinto Region Totals:	710	5	12	-	0.00%	1	9	-	0.00%	3	5	-	0.00%	9	26	-	0.00%
SYSTEM TOTALS	10,790	81	203	7	3.33%	67	191	-	0.00%	79	532	-	0.00%	227	926	7	0.75%

TABLE B-4.1
2004 GENERAL ORDER 165 ANNUAL REPORT
Overhead Capacitors

Work Locations	Yr End 2004 Inventory	2005 Patrols	YEAR 2005 PLAN					
			Detailed Inspections			Corrective Actions		
			2004 Remaining	2005 Detailed	2005 Total	2004 Remaining	2005 Planned	2005 Total
36 Antelope Valley	426	417	-	23	23	-	1	1
52 Tehachapi	57	3	-	2	2	-	-	-
53 Kernville	39	2	-	1	1	-	1	1
72 Barstow	89	43	-	-	-	-	1	1
73 Victorville	295	221	-	28	28	-	9	9
85 Bishop	39	20	-	4	4	-	-	-
86 Ridgecrest	93	37	-	6	6	-	1	1
Highland Region Totals:	1,038	743	-	64	64	-	13	13
32 Compton	623	623	-	98	98	1	28	29
42 Santa Monica	205	205	-	-	-	-	2	2
44 South Bay	489	489	-	10	10	1	28	29
46 Long Beach	455	455	-	43	43	2	15	17
47 Whittier	386	386	-	14	14	-	17	17
Metro West Region Totals:	2,158	2,158	-	165	165	4	90	94
35 Thousand Oaks	284	284	-	1	1	-	3	3
39 Ventura	267	267	-	1	1	-	20	20
49 Santa Barbara	181	181	-	1	1	-	13	13
59 Valencia	174	166	-	103	103	-	1	1
North Coast Region Totals:	906	898	-	106	106	-	37	37
50 Shaver	7	-	-	-	-	-	-	-
51 San Joaquin	1,055	1,055	-	-	-	-	55	55
San Joaquin Region Totals:	1,062	1,055	-	-	-	-	55	55
30 Foothill	409	405	1	71	72	-	13	13
31 Redlands	522	492	-	21	21	1	10	11
40 Arrowhead	53	48	-	1	1	-	-	-
79 Palm Springs	273	241	-	3	3	-	2	2
84 29 Palms	66	19	-	-	-	-	2	2
87 Blythe	76	21	-	-	-	-	1	1
Desert Region Totals:	1,399	1,226	1	96	97	1	28	29
22 Montebello	440	440	-	21	21	-	17	17
26 Covina	661	661	-	33	33	-	25	25
27 Monrovia	484	478	-	40	40	-	19	19
34 Ontario	672	645	-	155	155	-	22	22
Metro East Region Totals:	2,257	2,224	-	249	249	-	83	83
29 Santa Ana	450	450	-	8	8	-	23	23
33 Huntington Beach	263	263	-	3	3	2	4	6
43 Saddleback	80	79	-	1	1	-	1	1
48 Fullerton	464	464	-	5	5	-	27	27
61 Catalina	3	2	-	-	-	-	-	-
Orange Region Totals:	1,260	1,258	-	17	17	2	55	57
77 San Jacinto	710	543	-	3	3	-	16	16
San Jacinto Region Totals:	710	543	-	3	3	-	16	16
SYSTEM TOTALS	10,790	10,105	1	700	701	7	377	384

TABLE B-4.2
2004 GENERAL ORDER 165 ANNUAL REPORT
Pad Capacitors

Work Locations	Yr End 2004 Inventory	2004 INSPECTIONS					
		PATROLS			DETAILED		
		Planned	Comp.	Balance	Planned	Comp.	Balance
36 Antelope Valley	38	38	10	-	-	10	-
52 Tehachapi	1	1	2	-	-	2	-
53 Kernville	-	-	-	-	-	-	-
72 Barstow	-	-	-	-	-	-	-
73 Victorville	15	15	3	-	-	3	-
85 Bishop	2	2	2	-	2	2	-
86 Ridgecrest	-	-	-	-	-	-	-
Highland Region Totals:	56	55	17	-	2	17	-
32 Compton	11	11	2	-	-	2	-
42 Santa Monica	21	21	1	-	-	1	-
44 South Bay	10	10	1	-	-	1	-
46 Long Beach	23	23	10	0	-	10	-
47 Whittier	13	13	-	-	-	-	-
Metro West Region Totals:	78	78	14	0	-	14	-
35 Thousand Oaks	117	117	15	1	-	15	-
39 Ventura	68	67	45	-	-	45	-
49 Santa Barbara	17	17	5	-	-	5	-
59 Valencia	98	98	11	-	-	11	-
North Coast Region Totals:	300	299	76	1	-	76	-
50 Shaver	1	1	-	-	-	-	-
51 San Joaquin	32	32	8	-	-	8	-
San Joaquin Region Totals:	33	33	8	-	-	8	-
30 Foothill	43	42	20	-	2	20	-
31 Redlands	28	28	4	-	2	4	-
40 Arrowhead	-	-	-	-	-	-	-
79 Palm Springs	117	116	126	-	3	126	-
84 29 Palms	-	-	-	-	-	-	-
87 Blythe	-	-	-	-	-	-	-
Desert Region Totals:	188	186	150	-	7	150	-
22 Montebello	5	5	3	-	-	3	-
26 Covina	67	67	3	-	1	3	-
27 Monrovia	9	9	-	0	-	-	-
34 Ontario	95	95	28	-	7	28	-
Metro East Region Totals:	176	176	34	0	8	34	-
29 Santa Ana	89	88	85	1	-	85	-
33 Huntington Beach	63	62	10	-	-	10	-
43 Saddleback	243	241	35	-	-	35	-
48 Fullerton	47	47	37	-	-	37	-
61 Catalina	-	-	-	-	-	-	-
Orange Region Totals:	442	438	167	1	-	167	-
77 San Jacinto	97	95	22	-	-	22	-
San Jacinto Region Totals:	97	95	22	-	-	22	-
SYSTEM TOTALS	1,370	1,361	488	2	17	488	-

TABLE B-4.2
2004 GENERAL ORDER 165 ANNUAL REPORT
Pad Capacitors

Work Locations	Yr End 2004 Inventory	CONDITION RATING LEVELS								
		2	%	3	%	4	%	5	%	Total
36 Antelope Valley	38	-	0.00%	-	0.00%	-	0.00%	38	100.00%	38
52 Tehachapi	1	-	0.00%	-	0.00%	-	0.00%	1	100.00%	1
53 Kernville	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
72 Barstow	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
73 Victorville	15	-	0.00%	-	0.00%	-	0.00%	15	100.00%	15
85 Bishop	2	-	0.00%	-	0.00%	-	0.00%	2	100.00%	2
86 Ridgecrest	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
Highland Region Totals:	56	-	0.00%	-	0.00%	-	0.00%	56	100.00%	56
32 Compton	11	-	0.00%	-	0.00%	-	0.00%	11	100.00%	11
42 Santa Monica	21	-	0.00%	-	0.00%	-	0.00%	21	100.00%	21
44 South Bay	10	-	0.00%	-	0.00%	-	0.00%	10	100.00%	10
46 Long Beach	23	-	0.00%	2	8.70%	1	4.35%	20	86.96%	23
47 Whittier	13	-	0.00%	-	0.00%	-	0.00%	13	100.00%	13
Metro West Region Totals:	78	-	0.00%	2	2.56%	1	1.28%	75	96.15%	78
35 Thousand Oaks	117	-	0.00%	7	5.98%	5	4.27%	105	89.74%	117
39 Ventura	68	-	0.00%	-	0.00%	2	2.94%	66	97.06%	68
49 Santa Barbara	17	-	0.00%	-	0.00%	4	23.53%	13	76.47%	17
59 Valencia	98	-	0.00%	3	3.06%	-	0.00%	95	96.94%	98
North Coast Region Totals:	300	-	0.00%	10	3.33%	11	3.67%	279	93.00%	300
50 Shaver	1	-	0.00%	-	0.00%	-	0.00%	1	100.00%	1
51 San Joaquin	32	-	0.00%	-	0.00%	-	0.00%	32	100.00%	32
San Joaquin Region Totals:	33	-	0.00%	-	0.00%	-	0.00%	33	100.00%	33
30 Foothill	43	-	0.00%	-	0.00%	1	2.33%	42	97.67%	43
31 Redlands	28	-	0.00%	-	0.00%	-	0.00%	28	100.00%	28
40 Arrowhead	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
79 Palm Springs	117	-	0.00%	-	0.00%	2	1.71%	115	98.29%	117
84 29 Palms	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
87 Blythe	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
Desert Region Totals:	188	-	0.00%	-	0.00%	3	1.60%	185	98.40%	188
22 Montebello	5	-	0.00%	-	0.00%	-	0.00%	5	100.00%	5
26 Covina	67	-	0.00%	-	0.00%	11	16.42%	56	83.58%	67
27 Monrovia	9	-	0.00%	-	0.00%	1	11.11%	8	88.89%	9
34 Ontario	95	-	0.00%	-	0.00%	1	1.05%	94	98.95%	95
Metro East Region Totals:	176	-	0.00%	-	0.00%	13	7.39%	163	92.61%	176
29 Santa Ana	89	-	0.00%	2	2.25%	12	13.48%	75	84.27%	89
33 Huntington Beach	63	-	0.00%	-	0.00%	2	3.17%	61	96.83%	63
43 Saddleback	243	2	0.82%	2	0.82%	14	5.76%	225	92.59%	243
48 Fullerton	47	1	2.13%	2	4.26%	1	2.13%	43	91.49%	47
61 Catalina	-	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
Orange Region Totals:	442	3	0.68%	6	1.36%	29	6.56%	404	91.40%	442
77 San Jacinto	97	-	0.00%	2	2.06%	-	0.00%	95	97.94%	97
San Jacinto Region Totals:	97	-	0.00%	2	2.06%	-	0.00%	95	97.94%	97
SYSTEM TOTALS	1,370	3	0.22%	20	1.46%	57	4.16%	1,290	94.16%	1,370

TABLE B-4.2
2004 GENERAL ORDER 165 ANNUAL REPORT
Pad Capacitors

Work Locations	Yr End 2004 Inventory	CORRECTIVE ACTIONS															
		Level 2				Level 3				Level 4				Summary (Level 2,3,4)			
		Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%
36 Antelope Valley	38	-	-	-	0.00%	-	-	-	0.00%	-	4	-	0.00%	-	4	-	0.00%
52 Tehachapi	1	-	-	-	0.00%	-	-	-	0.00%	-	1	-	0.00%	-	1	-	0.00%
53 Kernville	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
72 Barstow	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
73 Victorville	15	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
85 Bishop	2	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
86 Ridgecrest	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Highland Region Totals:	56	-	-	-	0.00%	-	-	-	0.00%	-	5	-	0.00%	-	5	-	0.00%
32 Compton	11	-	-	-	0.00%	-	-	-	0.00%	-	2	-	0.00%	-	2	-	0.00%
42 Santa Monica	21	-	1	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	1	-	0.00%
44 South Bay	10	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
46 Long Beach	23	-	-	-	0.00%	-	1	-	0.00%	-	7	-	0.00%	-	8	-	0.00%
47 Whittier	13	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Metro West Region Totals:	78	-	1	-	0.00%	-	1	-	0.00%	-	9	-	0.00%	-	11	-	0.00%
35 Thousand Oaks	117	-	1	-	0.00%	1	3	-	0.00%	-	1	-	0.00%	1	5	-	0.00%
39 Ventura	68	-	16	-	0.00%	-	1	-	0.00%	-	1	-	0.00%	-	18	-	0.00%
49 Santa Barbara	17	-	2	-	0.00%	-	-	-	0.00%	-	1	-	0.00%	-	3	-	0.00%
59 Valencia	98	-	8	-	0.00%	1	1	-	0.00%	-	2	-	0.00%	1	11	-	0.00%
North Coast Region Totals:	300	-	27	-	0.00%	2	5	-	0.00%	-	5	-	0.00%	2	37	-	0.00%
50 Shaver	1	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
51 San Joaquin	32	-	-	-	0.00%	-	-	-	0.00%	2	3	-	0.00%	2	3	-	0.00%
San Joaquin Region Totals:	33	-	-	-	0.00%	-	-	-	0.00%	2	3	-	0.00%	2	3	-	0.00%
30 Foothill	43	-	-	-	0.00%	-	-	-	0.00%	-	1	-	0.00%	-	1	-	0.00%
31 Redlands	28	-	-	-	0.00%	-	-	-	0.00%	1	3	-	0.00%	1	3	-	0.00%
40 Arrowhead	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
79 Palm Springs	117	1	1	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	1	1	-	0.00%
84 29 Palms	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
87 Blythe	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Desert Region Totals:	188	1	1	-	0.00%	-	-	-	0.00%	1	4	-	0.00%	2	5	-	0.00%
22 Montebello	5	-	-	-	0.00%	-	-	-	0.00%	-	1	-	0.00%	-	1	-	0.00%
26 Covina	67	-	-	-	0.00%	1	2	-	0.00%	-	7	-	0.00%	1	9	-	0.00%
27 Monrovia	9	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
34 Ontario	95	-	1	-	0.00%	-	-	-	0.00%	1	1	-	0.00%	1	2	-	0.00%
Metro East Region Totals:	176	-	1	-	0.00%	1	2	-	0.00%	1	9	-	0.00%	2	12	-	0.00%
29 Santa Ana	89	1	1	-	0.00%	1	2	1	33.33%	1	11	-	0.00%	3	14	1	6.67%
33 Huntington Beach	63	-	-	-	0.00%	-	1	-	0.00%	-	2	-	0.00%	-	3	-	0.00%
43 Saddleback	243	3	4	-	0.00%	7	8	-	0.00%	-	9	-	0.00%	10	21	-	0.00%
48 Fullerton	47	-	-	-	0.00%	-	-	-	0.00%	-	1	-	0.00%	-	1	-	0.00%
61 Catalina	-	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	-	-	-	0.00%
Orange Region Totals:	442	4	5	-	0.00%	8	11	1	8.33%	1	23	-	0.00%	13	39	1	2.50%
77 San Jacinto	97	1	1	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	1	1	-	0.00%
San Jacinto Region Totals:	97	1	1	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	1	1	-	0.00%
SYSTEM TOTALS	1,370	6	36	-	0.00%	11	19	1	5.00%	5	58	-	0.00%	22	113	1	0.88%

TABLE B-4.2
2004 GENERAL ORDER 165 ANNUAL REPORT
Pad Capacitors

Work Locations	Yr End 2004 Inventory	2005 Patrols	YEAR 2005 PLAN					
			Detailed Inspections			Corrective Actions		
			2004 Remaining	2005 Detailed	2005 Total	2004 Remaining	2005 Planned	2005 Total
36 Antelope Valley	38	37	-	4	4	-	-	-
52 Tehachapi	1	0	-	-	-	-	-	-
53 Kernville	-	-	-	-	-	-	-	-
72 Barstow	-	-	-	-	-	-	-	-
73 Victorville	15	11	-	1	1	-	-	-
85 Bishop	2	1	-	-	-	-	-	-
86 Ridgecrest	-	-	-	-	-	-	-	-
Highland Region Totals:	56	50	-	5	5	-	-	-
32 Compton	11	11	-	1	1	-	-	-
42 Santa Monica	21	21	-	1	1	-	-	-
44 South Bay	10	10	-	-	-	-	-	-
46 Long Beach	23	23	-	1	1	-	3	3
47 Whittier	13	13	-	1	1	-	1	1
Metro West Region Totals:	78	78	-	4	4	-	4	4
35 Thousand Oaks	117	117	-	-	-	-	5	5
39 Ventura	68	68	-	-	-	-	2	2
49 Santa Barbara	17	17	-	-	-	-	-	-
59 Valencia	98	94	-	-	-	-	5	5
North Coast Region Totals:	300	296	-	-	-	-	12	12
50 Shaver	1	-	-	-	-	-	-	-
51 San Joaquin	32	32	-	-	-	-	-	-
San Joaquin Region Totals:	33	32	-	-	-	-	-	-
30 Foothill	43	43	-	8	8	-	7	7
31 Redlands	28	26	-	4	4	-	1	1
40 Arrowhead	-	-	-	-	-	-	-	-
79 Palm Springs	117	103	-	-	-	-	1	1
84 29 Palms	-	-	-	-	-	-	-	-
87 Blythe	-	-	-	-	-	-	-	-
Desert Region Totals:	188	172	-	12	12	-	9	9
22 Montebello	5	5	-	-	-	-	-	-
26 Covina	67	67	-	15	15	-	2	2
27 Monrovia	9	9	-	-	-	-	1	1
34 Ontario	95	91	-	26	26	-	7	7
Metro East Region Totals:	176	172	-	41	41	-	10	10
29 Santa Ana	89	89	-	27	27	1	5	6
33 Huntington Beach	63	63	-	23	23	-	2	2
43 Saddleback	243	241	-	10	10	-	18	18
48 Fullerton	47	47	-	2	2	-	14	14
61 Catalina	-	-	-	-	-	-	-	-
Orange Region Totals:	442	440	-	62	62	1	39	40
77 San Jacinto	97	74	-	3	3	-	8	8
San Jacinto Region Totals:	97	74	-	3	3	-	8	8
SYSTEM TOTALS	1,370	1,314	-	127	127	1	82	83

TABLE B-5.1
2004 GENERAL ORDER 165 ANNUAL REPORT
OH Conductor

Work Locations	Conductor Inventory (miles)	2004 INSPECTIONS						PROBLEMS BY PRIORITY RATING			
		PATROLS			DETAILED			Level 2	Level 3	Level 4	Total
		Planned	Comp.	Balance	Planned	Comp.	Balance				
36 Antelope Valley	7,536	7,459	7,459	-	543	1,248	5	4	67	3,129	3,200
52 Tehachapi	1,868	1,775	1,775	-	206	395	-	-	14	98	112
53 Kernville	1,793	1,793	1,793	-	385	385	-	-	12	99	111
72 Barstow	4,077	2,741	2,109	-	-	172	-	2	21	57	80
73 Victorville	8,262	8,176	8,176	-	3,551	4,113	-	10	295	1,134	1,439
85 Bishop	1,338	1,338	1,338	-	210	381	-	-	6	15	21
86 Ridgecrest	2,821	1,763	1,763	-	406	775	-	5	12	105	122
Highland Region Totals:	27,695	25,045	24,413	-	5,301	7,470	5	21	427	4,637	5,085
32 Compton	8,411	8,411	8,411	-	1,051	1,549	-	65	723	10,572	11,360
42 Santa Monica	1,870	1,883	1,883	-	-	132	-	52	137	809	998
44 South Bay	7,947	7,947	7,947	-	3,623	4,480	78	304	3,579	2,777	6,660
46 Long Beach	5,818	5,818	5,796	22	32	980	-	50	259	12,060	12,369
47 Whittier	4,169	4,169	4,169	-	910	958	48	12	284	6,011	6,307
Metro West Region Totals:	28,215	28,228	28,206	22	5,616	8,100	126	483	4,982	32,229	37,694
35 Thousand Oaks	4,169	4,169	4,131	38	-	215	-	2	44	2,313	2,359
39 Ventura	6,901	6,833	6,901	-	281	853	-	10	52	2,948	3,010
49 Santa Barbara	3,324	3,282	3,282	-	1,437	1,437	-	8	155	450	613
59 Valencia	2,487	2,487	2,487	-	304	673	-	3	40	384	427
North Coast Region Totals:	16,881	16,771	16,801	38	2,022	3,178	-	23	291	6,095	6,409
50 Shaver	390	390	390	-	221	228	-	-	9	10	19
51 San Joaquin	18,237	18,237	18,237	-	144	6,047	-	37	163	1,254	1,454
San Joaquin Region Totals:	18,627	18,627	18,627	-	365	6,275	-	37	172	1,264	1,473
30 Foothill	4,113	4,041	4,256	-	955	955	-	6	490	1,582	2,078
31 Redlands	7,243	7,201	7,410	-	1,127	1,227	33	35	864	2,078	2,977
40 Arrowhead	1,667	1,667	1,667	-	745	784	20	6	182	1,036	1,224
79 Palm Springs	2,501	2,484	2,484	-	810	915	9	10	106	234	350
84 29 Palms	5,122	3,659	3,659	-	-	231	-	-	-	158	158
87 Blythe	2,071	2,015	2,015	-	133	491	-	1	8	61	70
Desert Region Totals:	22,717	21,067	21,490	-	3,770	4,603	61	58	1,650	5,149	6,857
22 Montebello	5,607	5,535	5,607	-	3,544	3,809	-	53	1,276	3,636	4,965
26 Covina	7,720	7,720	7,720	-	4,402	4,571	-	8	611	3,371	3,990
27 Monrovia	6,245	6,130	6,168	38	181	443	-	30	216	4,392	4,638
34 Ontario	5,451	5,451	5,451	-	1,801	2,149	-	3	318	1,700	2,021
Metro East Region Totals:	25,023	24,836	24,946	38	9,928	10,972	-	94	2,421	13,099	15,614
29 Santa Ana	6,054	5,983	6,125	35	2,841	2,898	-	10	523	1,228	1,761
33 Huntington Beach	4,252	4,188	4,252	-	1,478	1,796	-	4	328	792	1,124
43 Saddleback	897	891	910	-	360	385	-	-	30	334	364
48 Fullerton	5,666	5,666	5,702	-	2,033	2,330	-	8	169	956	1,133
61 Catalina	199	199	199	-	17	-	17	-	-	-	-
Orange Region Totals:	17,068	16,927	17,188	35	6,730	7,410	17	22	1,050	3,310	4,382
77 San Jacinto	10,248	10,006	10,200	-	2,419	2,516	19	16	471	1,679	2,166
San Jacinto Region Totals:	10,248	10,006	10,200	-	2,419	2,516	19	16	471	1,679	2,166
SYSTEM TOTALS	166,474	161,508	161,871	134	36,152	50,523	229	754	11,464	67,462	79,680

TABLE B-5.1
2004 GENERAL ORDER 165 ANNUAL REPORT
OH Conductor

Work Locations	Conductor Inventory (miles)	CORRECTIVE ACTIONS															
		Level 2				Level 3				Level 4				Summary (Level 2,3,4)			
		Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%
36 Antelope Valley	7,536	64	97	1	1.02%	39	55	1	1.79%	-	356	-	0.00%	103	508	2	0.39%
52 Tehachapi	1,868	10	11	-	0.00%	-	3	-	0.00%	2	10	-	0.00%	12	24	-	0.00%
53 Kernville	1,793	4	6	-	0.00%	2	1	-	0.00%	-	-	-	0.00%	6	7	-	0.00%
72 Barstow	4,077	1	9	-	0.00%	4	4	-	0.00%	-	1	-	0.00%	5	14	-	0.00%
73 Victorville	8,262	81	157	1	0.63%	46	41	-	0.00%	-	70	-	0.00%	127	268	1	0.37%
85 Bishop	1,338	2	3	-	0.00%	1	1	-	0.00%	-	-	-	0.00%	3	4	-	0.00%
86 Ridgecrest	2,821	19	30	-	0.00%	4	10	-	0.00%	-	3	-	0.00%	23	43	-	0.00%
Highland Region Totals:	27,695	181	313	2	0.63%	96	115	1	0.86%	2	440	-	0.00%	279	868	3	0.34%
32 Compton	8,411	359	394	57	12.64%	781	1,046	66	5.94%	26	697	-	0.00%	1,166	2,137	123	5.44%
42 Santa Monica	1,870	177	161	46	22.22%	116	208	21	9.17%	9	128	1	0.78%	302	497	68	12.04%
44 South Bay	7,947	690	690	192	21.77%	956	1,882	110	5.52%	150	632	3	0.47%	1,796	3,204	305	8.69%
46 Long Beach	5,818	164	238	56	19.05%	693	862	77	8.20%	12	1,196	2	0.17%	869	2,296	135	5.55%
47 Whittier	4,169	59	103	10	8.85%	506	595	11	1.82%	33	706	-	0.00%	598	1,404	21	1.47%
Metro West Region Totals:	28,215	1,449	1,586	361	18.54%	3,052	4,593	285	5.84%	230	3,359	6	0.18%	4,731	9,538	652	6.40%
35 Thousand Oaks	4,169	33	73	-	0.00%	23	30	-	0.00%	-	103	-	0.00%	56	206	-	0.00%
39 Ventura	6,901	96	199	-	0.00%	100	137	1	0.72%	-	318	-	0.00%	196	654	1	0.15%
49 Santa Barbara	3,324	154	261	-	0.00%	28	55	1	1.79%	-	32	-	0.00%	182	348	1	0.29%
59 Valencia	2,487	21	46	-	0.00%	5	9	-	0.00%	-	36	-	0.00%	26	91	-	0.00%
North Coast Region Totals:	16,881	304	579	-	0.00%	156	231	2	0.86%	-	489	-	0.00%	460	1,299	2	0.15%
50 Shaver	390	3	15	-	0.00%	-	6	-	0.00%	-	-	-	0.00%	3	21	-	0.00%
51 San Joaquin	18,237	65	186	2	1.06%	42	104	1	0.95%	-	126	-	0.00%	107	416	3	0.72%
San Joaquin Region Totals:	18,627	68	201	2	0.99%	42	110	1	0.90%	-	126	-	0.00%	110	437	3	0.68%
30 Foothill	4,113	100	168	6	3.45%	251	269	6	2.18%	15	162	-	0.00%	366	599	12	1.96%
31 Redlands	7,243	62	252	7	2.70%	445	531	4	0.75%	4	371	-	0.00%	511	1,154	11	0.94%
40 Arrowhead	1,667	93	1,158	5	0.43%	5,885	4,793	112	2.28%	26	510	3	0.58%	6,004	6,461	120	1.82%
79 Palm Springs	2,501	53	166	5	2.92%	2	14	-	0.00%	-	25	-	0.00%	55	205	5	2.38%
84 29 Palms	5,122	8	20	-	0.00%	1	1	-	0.00%	-	2	-	0.00%	9	23	-	0.00%
87 Blythe	2,071	5	10	-	0.00%	1	1	-	0.00%	-	4	-	0.00%	6	15	-	0.00%
Desert Region Totals:	22,717	321	1,774	23	1.28%	6,585	5,609	122	2.13%	45	1,074	3	0.28%	6,951	8,457	148	1.72%
22 Montebello	5,607	473	580	3	0.51%	348	477	2	0.42%	2	627	-	0.00%	823	1,684	5	0.30%
26 Covina	7,720	405	729	2	0.27%	152	258	-	0.00%	5	584	-	0.00%	562	1,571	2	0.13%
27 Monrovia	6,245	155	336	2	0.59%	259	328	2	0.61%	2	567	-	0.00%	416	1,231	4	0.32%
34 Ontario	5,451	48	109	1	0.91%	175	243	-	0.00%	5	267	-	0.00%	228	619	1	0.16%
Metro East Region Totals:	25,023	1,081	1,754	8	0.45%	934	1,306	4	0.31%	14	2,045	-	0.00%	2,029	5,105	12	0.23%
29 Santa Ana	6,054	159	226	1	0.44%	110	130	8	5.80%	-	163	-	0.00%	269	519	9	1.70%
33 Huntington Beach	4,252	144	211	3	1.40%	126	156	-	0.00%	-	79	-	0.00%	270	446	3	0.67%
43 Saddleback	897	15	25	1	3.85%	17	25	-	0.00%	-	23	-	0.00%	32	73	1	1.35%
48 Fullerton	5,666	76	149	2	1.32%	325	366	1	0.27%	5	232	-	0.00%	406	747	3	0.40%
61 Catalina	199	1	2	-	0.00%	-	-	-	0.00%	-	-	-	0.00%	1	2	-	0.00%
Orange Region Totals:	17,068	395	613	7	1.13%	578	677	9	1.31%	5	497	-	0.00%	980	1,787	16	0.89%
77 San Jacinto	10,248	164	449	4	0.88%	494	1,078	-	0.00%	54	429	-	0.00%	712	1,956	4	0.20%
San Jacinto Region Totals:	10,248	164	449	4	0.88%	494	1,078	-	0.00%	54	429	-	0.00%	712	1,956	4	0.20%
SYSTEM TOTALS	166,474	3,963	7,269	407	5.30%	11,937	13,719	424	3.00%	350	8,459	9	0.11%	16,250	29,447	840	2.77%

TABLE B-5.1
2004 GENERAL ORDER 165 ANNUAL REPORT
OH Conductor

Work Locations	Conductor Inventory (miles)	YEAR 2005 PLAN						
		2005 Patrols	Detailed Inspections			Corrective Actions		
			2004 Remaining	2005 Detailed	2005 Total	2004 Remaining	2005 Planned	2005 Total
36 Antelope Valley	7,536	7,382	5	10	14	2	80	82
52 Tehachapi	1,868	93	-	760	760	-	24	24
53 Kernville	1,793	90	-	483	483	-	14	14
72 Barstow	4,077	1,968	-	1,392	1,392	-	12	12
73 Victorville	8,262	6,197	-	1,649	1,649	1	349	350
85 Bishop	1,338	684	-	499	499	-	7	7
86 Ridgecrest	2,821	1,108	-	823	823	-	14	14
Highland Region Totals:	27,695	17,522	5	5,616	5,621	3	500	503
32 Compton	8,411	8,411	-	111	111	123	688	811
42 Santa Monica	1,870	1,870	-	638	638	68	186	254
44 South Bay	7,947	7,947	78	2,688	2,766	305	3,023	3,328
46 Long Beach	5,818	5,818	-	379	379	135	264	399
47 Whittier	4,169	4,169	48	575	623	21	101	122
Metro West Region Totals:	28,215	28,215	126	4,391	4,517	652	4,262	4,914
35 Thousand Oaks	4,169	4,169	-	-	-	-	62	62
39 Ventura	6,901	6,901	-	-	-	1	174	175
49 Santa Barbara	3,324	3,324	-	581	581	1	234	235
59 Valencia	2,487	2,374	-	837	837	-	77	77
North Coast Region Totals:	16,881	16,768	-	1,418	1,418	2	547	549
50 Shaver	390	-	-	91	91	-	9	9
51 San Joaquin	18,237	18,237	-	5,147	5,147	3	506	509
San Joaquin Region Totals:	18,627	18,237	-	5,237	5,237	3	515	518
30 Foothill	4,113	4,077	-	1,125	1,125	12	595	607
31 Redlands	7,243	6,827	33	1,260	1,293	11	835	846
40 Arrowhead	1,667	1,504	20	647	667	120	137	257
79 Palm Springs	2,501	2,212	9	776	784	5	115	120
84 29 Palms	5,122	1,463	-	1,828	1,828	-	8	8
87 Blythe	2,071	560	-	525	525	-	5	5
Desert Region Totals:	22,717	16,643	61	6,160	6,221	148	1,695	1,843
22 Montebello	5,607	5,607	-	899	899	5	1,478	1,483
26 Covina	7,720	7,720	-	-	-	2	517	519
27 Monrovia	6,245	6,168	-	121	121	4	361	365
34 Ontario	5,451	5,231	-	1,691	1,691	1	416	417
Metro East Region Totals:	25,023	24,726	-	2,711	2,711	12	2,772	2,784
29 Santa Ana	6,054	6,054	-	1,291	1,291	9	522	531
33 Huntington Beach	4,252	4,252	-	1,137	1,137	3	366	369
43 Saddleback	897	891	-	16	16	1	42	43
48 Fullerton	5,666	5,666	-	1,828	1,828	3	264	267
61 Catalina	199	133	17	143	160	-	7	7
Orange Region Totals:	17,068	16,995	17	4,415	4,432	16	1,201	1,217
77 San Jacinto	10,248	7,831	19	2,148	2,168	4	460	464
San Jacinto Region Totals:	10,248	7,831	19	2,148	2,168	4	460	464
SYSTEM TOTALS	166,474	146,938	229	32,097	32,325	840	11,952	12,792

TABLE B-5.2
2004 GENERAL ORDER 165 ANNUAL REPORT
Circuits / Grids

Work Locations	2004 YEAR-END INVENTORY		2004 INSPECTIONS PATROLS			2004 INSPECTIONS DETAILED			YEAR 2005 PLAN					
	Circuit	Grids	Planned	Comp.	Balance	Planned	Comp.	Balance	Circuit Patrols			Detailed Grid Inspections		
									2004 Remaining	2005 Patrols	2005 Total	2004 Remaining	2005 Detailed	2005 Total
36 Antelope Valley	98	1,582	97	97	-	114	262	1	-	96	96	1	2	3
52 Tehachapi	20	317	19	19	-	35	67	-	-	1	1	-	129	129
53 Kernville	20	349	20	20	-	75	75	-	-	1	1	-	94	94
72 Barstow	58	735	39	30	-	-	31	-	-	28	28	-	251	251
73 Victorville	96	912	95	95	-	392	454	-	-	72	72	-	182	182
85 Bishop	45	351	45	45	-	55	100	-	-	23	23	-	131	131
86 Ridgecrest	56	473	35	35	-	68	130	-	-	22	22	-	138	138
Highland Region Totals:	393	4,719	350	341	-	739	1,119	1	-	243	243	1	927	928
32 Compton	251	152	251	251	-	19	28	-	-	251	251	-	2	2
42 Santa Monica	144	85	145	145	-	-	6	-	-	144	144	-	29	29
44 South Bay	319	204	319	319	-	93	115	2	-	319	319	2	69	71
46 Long Beach	262	184	262	261	1	1	31	-	1	262	262	-	12	12
47 Whittier	109	87	109	109	-	19	20	1	-	109	109	1	12	13
Metro West Region Totals:	1,085	712	1,086	1,085	1	132	200	3	1	1,085	1,085	3	124	127
35 Thousand Oaks	109	563	109	108	1	-	29	-	1	109	109	-	-	-
39 Ventura	101	712	100	101	-	29	88	-	-	101	101	-	-	-
49 Santa Barbara	80	303	79	79	-	131	131	-	-	80	80	-	53	53
59 Valencia	66	425	66	66	-	52	115	-	-	63	63	-	143	143
North Coast Region Totals:	356	2,003	354	354	1	212	363	-	1	353	353	-	196	196
50 Shaver	22	99	22	22	-	56	58	-	-	-	-	-	23	23
51 San Joaquin	220	2,654	220	220	-	21	880	-	-	220	220	-	749	749
San Joaquin Region Totals:	242	2,753	242	242	-	77	938	-	-	220	220	-	772	772
30 Foothill	115	267	113	119	-	62	62	-	-	114	114	-	73	73
31 Redlands	174	437	173	178	-	68	74	2	-	164	164	2	76	78
40 Arrowhead	41	85	41	41	-	38	40	1	-	37	37	1	33	34
79 Palm Springs	147	287	146	146	-	93	105	1	-	130	130	1	89	90
84 29 Palms	28	709	20	20	-	-	32	-	-	8	8	-	253	253
87 Blythe	37	422	36	36	-	27	100	-	-	10	10	-	107	107
Desert Region Totals:	542	2,207	529	540	-	288	413	4	-	463	463	4	631	635
22 Montebello	156	106	154	156	-	67	72	-	-	156	156	-	17	17
26 Covina	179	228	179	179	-	130	135	-	-	179	179	-	-	-
27 Monrovia	163	310	160	161	1	9	22	-	1	161	161	-	6	6
34 Ontario	223	345	223	223	-	114	136	-	-	214	214	-	107	107
Metro East Region Totals:	721	989	716	719	1	320	365	-	1	710	710	-	130	130
29 Santa Ana	171	211	169	173	1	99	101	-	1	171	171	-	45	45
33 Huntington Beach	133	187	131	133	-	65	79	-	-	133	133	-	50	50
43 Saddleback	139	219	138	141	-	88	94	-	-	138	138	-	4	4
48 Fullerton	156	248	156	157	-	89	102	-	-	156	156	-	80	80
61 Catalina	3	46	3	3	-	4	-	4	-	2	2	4	33	37
Orange Region Totals:	602	911	597	607	1	345	376	4	1	600	600	4	212	216
77 San Jacinto	212	1,059	207	211	-	250	260	2	-	162	162	2	222	224
San Jacinto Region Totals:	212	1,059	207	211	-	250	260	2	-	162	162	2	222	224
SYSTEM TOTALS	4,153	15,353	4,081	4,099	4	2,363	4,034	14	4	3,836	3,836	14	3,214	3,228

TABLE B-5.3
2004 GENERAL ORDER 165 ANNUAL REPORT
Street Lights

Work Locations	Yr End 2004 Inventory	PATROLS			YEAR 2005 PLAN
		2005 Patrols	2004 Complete	Balance	2005 Patrols
36 Antelope Valley	34,600	32,653	32,653	-	34,600
52 Tehachapi	892	688	688	-	892
53 Kernville	460	84	84	-	460
72 Barstow	1,529	1,071	1,071	-	1,529
73 Victorville	9,176	7,636	7,636	-	9,176
85 Bishop	612	494	494	-	612
86 Ridgecrest	2,605	2,359	2,359	-	2,605
Highland Region Totals:	49,874	44,985	44,985	-	49,874
32 Compton	38,275	35,856	35,856	-	38,275
42 Santa Monica	4,882	4,698	4,698	-	4,882
44 South Bay	12,219	41,692	41,692	-	12,219
46 Long Beach	11,516	10,882	10,882	-	11,516
47 Whittier	31,242	30,262	30,262	-	31,242
Metro West Region Totals:	98,134	123,390	123,390	-	98,134
35 Thousand Oaks	28,186	27,474	27,474	-	28,186
39 Ventura	28,175	26,895	26,895	-	28,175
49 Santa Barbara	5,631	5,431	5,431	-	5,631
59 Valencia	25,111	22,110	22,110	-	25,111
North Coast Region Totals:	87,103	81,910	81,910	-	87,103
50 Shaver	28	28	28	-	28
51 San Joaquin	19,495	16,850	16,850	-	19,495
San Joaquin Region Totals:	19,523	16,878	16,878	-	19,523
30 Foothill	36,529	34,737	34,737	-	36,529
31 Redlands	15,754	14,158	14,158	-	15,754
40 Arrowhead	337	257	257	-	337
79 Palm Springs	4,096	3,669	3,669	-	4,096
84 29 Palms	1,309	925	925	-	1,309
87 Blythe	1,785	1,316	1,316	-	1,785
Desert Region Totals:	59,810	55,062	55,062	-	59,810
22 Montebello	28,102	26,892	26,892	-	28,102
26 Covina	47,734	46,404	46,404	-	47,734
27 Monrovia	19,940	19,379	19,379	-	19,940
34 Ontario	20,770	18,321	18,321	-	20,770
Metro East Region Totals:	116,546	110,996	110,996	-	116,546
29 Santa Ana	31,725	30,442	30,442	-	31,725
33 Huntington Beach	32,597	30,998	30,998	-	32,597
43 Saddleback	32,253	30,703	30,703	-	32,253
48 Fullerton	27,522	25,022	25,022	-	27,522
61 Catalina	330	326	326	-	330
Orange Region Totals:	124,427	117,491	117,491	-	124,427
77 San Jacinto	43,682	38,479	38,479	-	43,682
San Jacinto Region Totals:	43,682	38,479	38,479	-	43,682
SYSTEM TOTALS	599,099	589,191	589,191	-	599,099

TABLE B-5.4
2004 GENERAL ORDER 165 ANNUAL REPORT
Wood Poles

Work Locations	Yr End 2004 Inventory	PATROLS			INTRUSIVE INSPECTIONS		
		Planned	Comp.	Balance	Planned	Comp.	Balance
36 Antelope Valley	65,326	64,659	64,659	-	24,041	25,757	-
52 Tehachapi	18,076	17,172	17,172	-	2,128	2,280	-
53 Kernville	15,445	15,445	15,445	-	5,568	5,965	-
72 Barstow	27,805	18,696	14,382	-	1,166	1,249	-
73 Victorville	72,827	72,068	72,068	-	6,858	7,347	-
85 Bishop	12,225	12,225	12,225	-	210	225	-
86 Ridgecrest	20,209	12,631	12,631	-	6	6	-
Highland Region Totals:	231,913	212,897	208,583	-	39,976	42,829	-
32 Compton	70,923	70,923	70,923	-	5,014	5,372	-
42 Santa Monica	16,559	16,674	16,674	-	26	28	-
44 South Bay	65,261	65,261	65,261	-	21,876	23,437	-
46 Long Beach	47,381	47,381	47,200	181	10,480	11,228	-
47 Whittier	35,726	35,726	35,726	-	12,437	13,325	-
Metro West Region Totals:	235,850	235,965	235,784	181	49,833	53,390	-
35 Thousand Oaks	41,770	41,770	41,387	383	22	24	-
39 Ventura	61,519	60,910	61,519	-	3,454	3,701	-
49 Santa Barbara	27,339	26,997	26,997	-	1,819	1,949	-
59 Valencia	19,631	19,631	19,631	-	29	31	-
North Coast Region Totals:	150,259	149,308	149,534	383	5,325	5,705	-
50 Shaver	3,488	3,488	3,488	-	-	-	-
51 San Joaquin	132,077	132,077	132,077	-	15,891	17,025	-
San Joaquin Region Totals:	135,565	135,565	135,565	-	15,891	17,025	-
30 Foothill	37,968	37,308	39,289	-	14	15	-
31 Redlands	61,480	61,127	62,893	-	3,707	3,972	-
40 Arrowhead	15,440	15,440	15,440	-	27	29	-
79 Palm Springs	22,428	22,275	22,275	-	441	472	-
84 29 Palms	41,757	29,826	29,826	-	1,241	1,330	-
87 Blythe	12,204	11,874	11,874	-	5	5	-
Desert Region Totals:	191,277	177,850	181,598	-	5,435	5,823	-
22 Montebello	49,408	48,775	49,408	-	9,215	9,873	-
26 Covina	62,460	62,460	62,460	-	3,256	3,488	-
27 Monrovia	54,790	53,782	54,118	336	6,906	7,399	-
34 Ontario	43,920	43,920	43,920	-	56	60	-
Metro East Region Totals:	210,578	208,936	209,906	336	19,433	20,820	-
29 Santa Ana	51,183	50,584	51,782	299	61	65	-
33 Huntington Beach	31,100	30,632	31,100	-	21	23	-
43 Saddleback	8,407	8,347	8,528	-	849	910	-
48 Fullerton	47,125	47,125	47,427	-	4,426	4,742	-
61 Catalina	1,381	1,381	1,381	-	-	-	-
Orange Region Totals:	139,196	138,069	140,218	299	5,358	5,740	-
77 San Jacinto	78,752	76,895	78,381	-	3,749	4,017	-
San Jacinto Region Totals:	78,752	76,895	78,381	-	3,749	4,017	-
SYSTEM TOTALS	1,373,390	1,335,486	1,339,568	1,200	145,000	155,349	-

TABLE B-5.4
2004 GENERAL ORDER 165 ANNUAL REPORT
Wood Poles

Work Locations	Yr End 2004 Inventory	CONDITION RATING LEVELS								Total
		2	%	3	%	4	%	5	%	
36 Antelope Valley	65,326	255	0.39%	791	1.21%	1,280	1.96%	63,000	96.44%	65,326
52 Tehachapi	18,076	6	0.03%	141	0.78%	205	1.13%	17,724	98.05%	18,076
53 Kernville	15,445	135	0.87%	504	3.26%	572	3.70%	14,234	92.16%	15,445
72 Barstow	27,805	5	0.02%	74	0.27%	524	1.88%	27,202	97.83%	27,805
73 Victorville	72,827	22	0.03%	689	0.95%	793	1.09%	71,323	97.93%	72,827
85 Bishop	12,225	3	0.02%	36	0.29%	37	0.30%	12,149	99.38%	12,225
86 Ridgecrest	20,209	-	0.00%	77	0.38%	157	0.78%	19,975	98.84%	20,209
Highland Region Totals:	231,913	426	0.18%	2,312	1.00%	3,568	1.54%	225,607	97.28%	231,913
32 Compton	70,923	111	0.16%	374	0.53%	1,097	1.55%	69,341	97.77%	70,923
42 Santa Monica	16,559	21	0.13%	166	1.00%	348	2.10%	16,024	96.77%	16,559
44 South Bay	65,261	259	0.40%	881	1.35%	1,952	2.99%	62,169	95.26%	65,261
46 Long Beach	47,381	56	0.12%	369	0.78%	1,669	3.52%	45,287	95.58%	47,381
47 Whittier	35,726	114	0.32%	411	1.15%	1,292	3.62%	33,909	94.91%	35,726
Metro West Region Totals:	235,850	561	0.24%	2,201	0.93%	6,358	2.70%	226,730	96.13%	235,850
35 Thousand Oaks	41,770	6	0.01%	218	0.52%	954	2.28%	40,592	97.18%	41,770
39 Ventura	61,519	26	0.04%	266	0.43%	320	0.52%	60,907	99.01%	61,519
49 Santa Barbara	27,339	12	0.04%	177	0.65%	528	1.93%	26,622	97.38%	27,339
59 Valencia	19,631	12	0.06%	49	0.25%	332	1.69%	19,238	98.00%	19,631
North Coast Region Totals:	150,259	56	0.04%	710	0.47%	2,134	1.42%	147,359	98.07%	150,259
50 Shaver	3,488	2	0.06%	102	2.92%	40	1.15%	3,344	95.87%	3,488
51 San Joaquin	132,077	110	0.08%	2,855	2.16%	5,375	4.07%	123,737	93.69%	132,077
San Joaquin Region Totals:	135,565	112	0.08%	2,957	2.18%	5,415	3.99%	127,081	93.74%	135,565
30 Foothill	37,968	6	0.02%	209	0.55%	539	1.42%	37,214	98.01%	37,968
31 Redlands	61,480	94	0.15%	582	0.95%	1,119	1.82%	59,685	97.08%	61,480
40 Arrowhead	15,440	9	0.06%	99	0.64%	132	0.85%	15,200	98.45%	15,440
79 Palm Springs	22,428	12	0.05%	70	0.31%	443	1.98%	21,903	97.66%	22,428
84 29 Palms	41,757	5	0.01%	43	0.10%	317	0.76%	41,392	99.13%	41,757
87 Blythe	12,204	-	0.00%	30	0.25%	179	1.47%	11,995	98.29%	12,204
Desert Region Totals:	191,277	126	0.07%	1,033	0.54%	2,729	1.43%	187,389	97.97%	191,277
22 Montebello	49,408	164	0.33%	561	1.14%	1,626	3.29%	47,057	95.24%	49,408
26 Covina	62,460	65	0.10%	527	0.84%	1,689	2.70%	60,179	96.35%	62,460
27 Monrovia	54,790	62	0.11%	791	1.44%	2,073	3.78%	51,864	94.66%	54,790
34 Ontario	43,920	20	0.05%	360	0.82%	663	1.51%	42,877	97.63%	43,920
Metro East Region Totals:	210,578	311	0.15%	2,239	1.06%	6,051	2.87%	201,977	95.92%	210,578
29 Santa Ana	51,183	10	0.02%	450	0.88%	1,259	2.46%	49,464	96.64%	51,183
33 Huntington Beach	31,100	2	0.01%	62	0.20%	869	2.79%	30,167	97.00%	31,100
43 Saddleback	8,407	2	0.02%	22	0.26%	57	0.68%	8,326	99.04%	8,407
48 Fullerton	47,125	65	0.14%	387	0.82%	1,063	2.26%	45,610	96.79%	47,125
61 Catalina	1,381	-	0.00%	2	0.14%	-	0.00%	1,379	99.86%	1,381
Orange Region Totals:	139,196	79	0.06%	923	0.66%	3,248	2.33%	134,946	96.95%	139,196
77 San Jacinto	78,752	47	0.06%	398	0.51%	1,046	1.33%	77,261	98.11%	78,752
San Jacinto Region Totals:	78,752	47	0.06%	398	0.51%	1,046	1.33%	77,261	98.11%	78,752
SYSTEM TOTALS	1,373,390	1,718	0.13%	12,773	0.93%	30,549	2.22%	1,328,350	96.72%	1,373,390

TABLE B-5.4
2004 GENERAL ORDER 165 ANNUAL REPORT
Wood Poles

Work Locations	Yr End 2004 Inventory	CORRECTIVE ACTIONS															
		Level 2				Level 3				Level 4				Summary (Level 2,3,4)			
		Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%	Planned	Comp.	Balance	%
36 Antelope Valley	65,326	69	263	102	27.95%	390	365	48	11.62%	-	19	-	0.00%	459	647	150	18.82%
52 Tehachapi	18,076	32	30	6	16.67%	101	97	15	13.39%	1	9	-	0.00%	134	136	21	13.38%
53 Kernville	15,445	22	56	69	55.20%	93	86	4	4.44%	4	11	-	0.00%	119	153	73	32.30%
72 Barstow	27,805	21	17	5	22.73%	199	142	14	8.97%	-	13	-	0.00%	220	172	19	9.95%
73 Victorville	72,827	94	92	18	16.36%	24	37	4	9.76%	-	11	-	0.00%	118	140	22	13.58%
85 Bishop	12,225	19	17	3	15.00%	25	21	11	34.38%	-	-	-	0.00%	44	38	14	26.92%
86 Ridgecrest	20,209	6	6	-	0.00%	29	25	10	28.57%	-	-	-	0.00%	35	31	10	24.39%
Highland Region Totals:	231,913	263	481	203	29.68%	861	773	106	12.06%	5	63	-	0.00%	1,129	1,317	309	19.00%
32 Compton	70,923	128	126	22	14.86%	610	533	48	8.26%	13	253	-	0.00%	751	912	70	7.13%
42 Santa Monica	16,559	120	111	13	10.48%	51	54	15	21.74%	-	16	-	0.00%	171	181	28	13.40%
44 South Bay	65,261	83	251	96	27.67%	136	116	20	14.71%	-	139	-	0.00%	219	506	116	18.65%
46 Long Beach	47,381	214	212	39	15.54%	291	228	51	18.28%	2	66	-	0.00%	507	506	90	15.10%
47 Whittier	35,726	160	137	28	16.97%	74	69	6	8.00%	29	126	-	0.00%	263	332	34	9.29%
Metro West Region Totals:	235,850	705	837	198	19.13%	1,162	1,000	140	12.28%	44	600	-	0.00%	1,911	2,437	338	12.18%
35 Thousand Oaks	41,770	239	246	5	1.99%	234	222	21	8.64%	3	22	-	0.00%	476	490	26	5.04%
39 Ventura	61,519	63	79	12	13.19%	95	72	17	19.10%	1	10	-	0.00%	159	161	29	15.26%
49 Santa Barbara	27,339	221	219	6	2.67%	350	338	9	2.59%	8	18	-	0.00%	579	575	15	2.54%
59 Valencia	19,631	82	88	9	9.28%	192	188	27	12.56%	-	12	-	0.00%	274	288	36	11.11%
North Coast Region Totals:	150,259	605	632	32	4.82%	871	820	74	8.28%	12	62	-	0.00%	1,488	1,514	106	6.54%
50 Shaver	3,488	4	3	1	25.00%	14	9	2	18.18%	6	3	-	0.00%	24	15	3	16.67%
51 San Joaquin	132,077	1,067	1,485	56	3.63%	1,698	1,860	49	2.57%	83	425	-	0.00%	2,848	3,770	105	2.71%
San Joaquin Region Totals:	135,565	1,071	1,488	57	3.69%	1,712	1,869	51	2.66%	89	428	-	0.00%	2,872	3,785	108	2.77%
30 Foothill	37,968	8	11	4	26.67%	57	56	4	6.67%	13	46	-	0.00%	78	113	8	6.61%
31 Redlands	61,480	61	43	24	35.82%	489	382	102	21.07%	24	194	-	0.00%	574	619	126	16.91%
40 Arrowhead	15,440	28	31	4	11.43%	62	86	8	8.51%	3	40	-	0.00%	93	157	12	7.10%
79 Palm Springs	22,428	13	10	12	54.55%	117	121	-	0.00%	1	57	-	0.00%	131	188	12	6.00%
84 29 Palms	41,757	14	13	4	23.53%	149	149	-	0.00%	1	23	-	0.00%	164	185	4	2.12%
87 Blythe	12,204	4	4	-	0.00%	86	83	4	4.60%	3	51	-	0.00%	93	138	4	2.82%
Desert Region Totals:	191,277	128	112	48	30.00%	960	877	118	11.86%	45	411	-	0.00%	1,133	1,400	166	10.60%
22 Montebello	49,408	71	158	64	28.83%	604	577	30	4.94%	15	43	-	0.00%	690	778	94	10.78%
26 Covina	62,460	62	86	41	32.28%	334	302	39	11.44%	12	53	-	0.00%	408	441	80	15.36%
27 Monrovia	54,790	269	246	52	17.45%	540	500	59	10.55%	4	19	-	0.00%	813	765	111	12.67%
34 Ontario	43,920	56	42	16	27.59%	143	140	8	5.41%	9	44	-	0.00%	208	226	24	9.60%
Metro East Region Totals:	210,578	458	532	173	24.54%	1,621	1,519	136	8.22%	40	159	-	0.00%	2,119	2,210	309	12.27%
29 Santa Ana	51,183	108	101	9	8.18%	404	397	8	1.98%	4	25	-	0.00%	516	523	17	3.15%
33 Huntington Beach	31,100	108	107	2	1.83%	303	251	45	15.20%	14	37	-	0.00%	425	395	47	10.63%
43 Saddleback	8,407	8	8	2	20.00%	26	25	-	0.00%	1	1	-	0.00%	35	34	2	5.56%
48 Fullerton	47,125	17	8	59	88.06%	194	108	79	42.25%	10	137	-	0.00%	221	253	138	35.29%
61 Catalina	1,381	-	-	-	0.00%	1	1	-	0.00%	-	-	-	0.00%	1	1	-	0.00%
Orange Region Totals:	139,196	241	224	72	24.32%	928	782	132	14.44%	29	200	-	0.00%	1,198	1,206	204	14.47%
77 San Jacinto	78,752	50	59	32	35.16%	198	162	41	20.20%	4	35	-	0.00%	252	256	73	22.19%
San Jacinto Region Totals:	78,752	50	59	32	35.16%	198	162	41	20.20%	4	35	-	0.00%	252	256	73	22.19%
SYSTEM TOTALS	1,373,390	3,521	4,365	815	15.73%	8,313	7,802	798	9.28%	268	1,958	-	0.00%	12,102	14,125	1,613	10.25%

TABLE B-5.4
2004 GENERAL ORDER 165 ANNUAL REPORT
Wood Poles

Work Locations	Yr End 2004 Inventory	2005 Patrols	YEAR 2005 PLAN					
			Intrusive Inspections			Corrective Actions		
			2004 Remaining	2005 Intrusives	2005 Total	2004 Remaining	2005 Planned	2005 Total
36 Antelope Valley	65,326	63,993	-	-	-	150	990	1,140
52 Tehachapi	18,076	904	-	1,100	1,100	21	138	159
53 Kernville	15,445	772	-	-	-	73	569	642
72 Barstow	27,805	13,423	-	2,700	2,700	19	186	205
73 Victorville	72,827	54,620	-	-	-	22	728	750
85 Bishop	12,225	6,248	-	-	-	14	30	44
86 Ridgecrest	20,209	7,939	-	1,800	1,800	10	73	83
Highland Region Totals:	231,913	147,900	-	5,600	5,600	309	2,714	3,023
32 Compton	70,923	70,923	-	20,000	20,000	70	800	870
42 Santa Monica	16,559	16,559	-	2,000	2,000	28	288	316
44 South Bay	65,261	65,261	-	6,000	6,000	116	1,146	1,262
46 Long Beach	47,381	47,381	-	-	-	90	354	444
47 Whittier	35,726	35,726	-	5,000	5,000	34	503	537
Metro West Region Totals:	235,850	235,850	-	33,000	33,000	338	3,091	3,429
35 Thousand Oaks	41,770	41,770	-	13,000	13,000	26	206	232
39 Ventura	61,519	61,519	-	19,000	19,000	29	541	570
49 Santa Barbara	27,339	27,339	-	4,000	4,000	15	207	222
59 Valencia	19,631	18,739	-	-	-	36	31	67
North Coast Region Totals:	150,259	149,367	-	36,000	36,000	106	985	1,091
50 Shaver	3,488	-	-	-	-	3	103	106
51 San Joaquin	132,077	132,077	-	13,000	13,000	105	3,367	3,472
San Joaquin Region Totals:	135,565	132,077	-	13,000	13,000	108	3,470	3,578
30 Foothill	37,968	37,638	-	4,600	4,600	8	265	273
31 Redlands	61,480	57,947	-	7,000	7,000	126	628	754
40 Arrowhead	15,440	13,934	-	800	800	12	158	170
79 Palm Springs	22,428	19,834	-	-	-	12	114	126
84 29 Palms	41,757	11,931	-	-	-	4	46	50
87 Blythe	12,204	3,298	-	-	-	4	51	55
Desert Region Totals:	191,277	144,581	-	12,400	12,400	166	1,262	1,428
22 Montebello	49,408	49,408	-	3,200	3,200	94	713	807
26 Covina	62,460	62,460	-	-	-	80	691	771
27 Monrovia	54,790	54,118	-	-	-	111	751	862
34 Ontario	43,920	42,147	-	6,000	6,000	24	483	507
Metro East Region Totals:	210,578	208,133	-	9,200	9,200	309	2,638	2,947
29 Santa Ana	51,183	51,183	-	6,000	6,000	17	453	470
33 Huntington Beach	31,100	31,100	-	3,300	3,300	47	87	134
43 Saddleback	8,407	8,347	-	3,500	3,500	2	34	36
48 Fullerton	47,125	47,125	-	4,000	4,000	138	439	577
61 Catalina	1,381	921	-	-	-	-	17	17
Orange Region Totals:	139,196	138,675	-	16,800	16,800	204	1,030	1,234
77 San Jacinto	78,752	60,178	-	4,000	4,000	73	389	462
San Jacinto Region Totals:	78,752	60,178	-	4,000	4,000	73	389	462
SYSTEM TOTALS	1,373,390	1,216,762	-	130,000	130,000	1,613	15,579	17,192

CERTIFICATE OF SERVICE

I hereby certify that, pursuant to the Commission's Rules of Practice and Procedure, I have this day served a true copy of **SOUTHERN CALIFORNIA EDISON COMPANY'S (U 338-E) ANNUAL REPORT OF 2004 ACTIVITIES FILED PURSUANT TO GENERAL ORDER NO. 165** on all parties identified on the attached service list(s). Service was effected by one or more means indicated below:

- Transmitting the copies via e-mail to all parties who have provided an e-mail address. First class mail will be used if electronic service cannot be effectuated.
- Placing the copies in sealed envelopes and causing such envelopes to be delivered by hand or by overnight courier to the offices of the Commission or other addressee(s).
- Placing copies in properly addressed sealed envelopes and depositing such copies in the United States mail with first-class postage prepaid to all parties.
- Directing Prographics to place the copies in properly addressed sealed envelopes and to deposit such envelopes in the United States mail with first-class postage prepaid to all parties.

Executed this **1st day of July, 2005**, at Rosemead, California.



Meraj Rizvi
Project Analyst
SOUTHERN CALIFORNIA EDISON COMPANY

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Rosemead, California 91770