



*Pacific Gas and  
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July 1, 2004

***BY HAND DELIVERY***

Docket Clerk  
California Public Utilities Commission  
505 Van Ness Avenue, Room 2001  
San Francisco, CA 94102

Re: *R.96-11-004, Electric Distribution Standards*

Dear Sir or Madam:

Pursuant to Decision No. 97-03-070, enclosed for filing are an original and five (5) copies of Pacific Gas and Electric Company General Order 165 Compliance Plan for 2005 and Annual Compliance Report for 2003 submitted in the above-mentioned proceeding.

Please file-stamp one copy and return to PG&E in the envelope provided. Thank you.

Very truly yours,

/s/

Lise H. Jordan

LHJ:gmj

cc: Paul Clanon, Director, Energy Division  
Richard Clark, Director, Consumer Protection and Service Division  
Parties on CPUC Official Service List R.96-11-004

Enclosure

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

Order Instituting Rulemaking for Electric  
Distribution Facility Standard Setting.

Rulemaking 96-11-004  
(filed November 6, 1996)

(U 39 E)

**PACIFIC GAS AND ELECTRIC COMPANY  
GENERAL ORDER 165 COMPLIANCE PLAN FOR 2005 AND  
ANNUAL COMPLIANCE REPORT FOR 2003 SUBMITTED  
PURSUANT TO CPUC DECISION 97-03-070**

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GENERAL ORDER 165 COMPLIANCE PLAN FOR 2005 AND  
ANNUAL COMPLIANCE REPORT FOR 2003 SUBMITTED  
PURSUANT TO CPUC DECISION 97-03-070**

Pursuant to Commission direction, Pacific Gas and Electric Company submits its  
annual compliance plan and compliance report under Commission Decision No. 97-03-070.

Respectfully submitted,

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By \_\_\_\_\_ /s/  
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Dated: July 1, 2004

**PACIFIC GAS & ELECTRIC COMPANY**  
**GENERAL ORDER 165 COMPLIANCE PLAN FOR 2005**  
**AND ANNUAL COMPLIANCE REPORT FOR 2003**  
**SUBMITTED PURSUANT TO CPUC DECISION NO. 97-03-070**

July 1, 2004

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**PACIFIC GAS & ELECTRIC COMPANY  
GENERAL ORDER 165 COMPLIANCE PLAN FOR 2005  
AND ANNUAL COMPLIANCE REPORT FOR 2003**

Pursuant to Appendix A, Section IV of the California Public Utilities Commission's (Commission) General Order (G.O.) 165, adopted in Decision No. (D.) 97-03-070, Pacific Gas & Electric Company (PG&E) submits its compliance plan for distribution facilities inspection activities in 2005. Attached as Appendix A is the Compliance Plan, which describes how PG&E intends to comply in 2005 with the requirements set forth in G.O. 165. While events in the field may cause variations in the quarterly schedules for system patrols and inspections, this plan sets forth the anticipated activities PG&E will undertake to comply with G.O. 165. Attached, as Appendix B, is the Annual Compliance Report for 2003.

The numbers of distribution facilities (overhead and underground) referred to in this Report are based on estimates. These estimates are derived by counting the number of poles and enclosures on electric distribution facilities maps, which are used to conduct PG&E's patrols and inspections. PG&E's overhead and underground electric system is both complex and dynamic; equipment quantities and system configurations change continually. These changes can include the addition or removal of equipment to accommodate new customer connections and load growth, requests from customers and local city/governmental agencies to relocate facilities, the sale/acquisition of existing distribution systems, and the retirement of plant.

Following is a legend of Districts (Divisions), which are abbreviated throughout this Report:

PN	Peninsula
SF	San Francisco
DI	Diablo
EB	East Bay
MI	Mission
CC	Central Coast

DA	DeAnza
SJ	San Jose
FR	Fresno
KE	Kern
LP	Los Padres
ST	Stockton

YO	Yosemite
NV	North Valley
SA	Sacramento
SI	Sierra
NB	North Bay
NC	North Coast

**2005 COMPLIANCE PLAN**

**I. PATROLS FOR OVERHEAD AND UNDERGROUND FACILITIES**

Patrols will be performed in the course of company business by qualified personnel. The primary lines patrolled are documented on electric facilities maps. Progress reports will be prepared by operating areas indicating the number of overhead poles and the number of underground enclosures patrolled. Abnormal conditions that, in the opinion of the Qualified Company Representative (QCR), warrant maintenance shall be graded and entered into a computerized maintenance system. This system generates a unique maintenance notification number. Electric Preventive Corrective Maintenance (EPCM) notifications are scheduled for correction in accordance with PG&E's Electric Distribution Preventive Maintenance Manual. The PG&E plan for 2005 is to patrol all of the urban areas that will not be inspected in 2005 and the rural areas that will not be patrolled in 2004 nor inspected in 2005.

**2005 COMPLIANCE PLAN (Cont.)**

**II. DETAILED INSPECTIONS SCHEDULED<sup>1</sup>**

**A. OVERHEAD<sup>2</sup> FACILITIES:**

Number of Poles by Area/Division <sup>3</sup>		Jan-Mar	Apr-Jun	Jul-Sept	Oct-Dec	Total
AREA 1	PN	1,878	3,645	3,645	1,877	<b>11,045</b>
	SF	2,979	2,979	0	0	<b>5,958</b>
AREA 2	DI	3,091	3,091	3,091	3,091	<b>12,364</b>
	EB	6,435	6,435	0	0	<b>12,870</b>
	MI	2,000	4,190	4,189	2,000	<b>12,379</b>
AREA 3	CC	4,130	9,000	9,000	7,000	<b>29,130</b>
	DA	0	4,399	4,399	2,200	<b>10,998</b>
	SJ	3,071	3,072	3,072	3,072	<b>12,287</b>
AREA 4	FR	14,085	14,085	14,085	9,393	<b>51,648</b>
	KE	0	2,000	20,000	6,851	<b>28,851</b>
	LP	5,000	15,000	2,852	0	<b>22,852</b>
AREA 5	ST	9,780	11,410	2,000	9,410	<b>32,600</b>
	YO	5,049	15,138	15,138	5,046	<b>40,371</b>
AREA 6	NV	1,500	14,500	20,000	11,604	<b>47,604</b>
	SA	10,000	1,673	1,673	10,000	<b>23,346</b>
	SI	0	21,377	21,377	0	<b>42,754</b>
AREA 7	NB	3,235	3,235	3,235	3,236	<b>12,941</b>
	NC	4,500	12,317	12,316	12,316	<b>41,449</b>
<b>TOTAL</b>		<b>76,733</b>	<b>147,546</b>	<b>140,072</b>	<b>87,096</b>	<b>451,447</b>

<sup>1</sup> The quarterly system inspection schedules are estimates in which events in the field may cause variations; the planned results by the end of the three- and five-year cycles are anticipated to meet the requirements of G.O. 165.

<sup>2</sup> Overhead inspections will be performed on Transformers, Switching/Protective Devices, Regulators/Capacitors, Overhead Conductors and Cables.

<sup>3</sup> Reporting of overhead facilities was converted from miles of line to number of poles starting in 1999.



**2005 COMPLIANCE PLAN (Cont.)**

**B. UNDERGROUND<sup>4</sup> FACILITIES:**

Number of Enclosures by Area/Division		Jan-Mar	Apr-Jun	Jul-Sept	Oct-Dec	Total
AREA 1	PN	702	1,363	1,363	702	<b>4,130</b>
	SF	1,257	1,257	422	0	<b>2,936</b>
AREA 2	DI	2,334	2,334	2,334	2,334	<b>9,336</b>
	EB	1,902	1,903	0	0	<b>3,805</b>
	MI	2,000	4,104	4,104	2,001	<b>12,209</b>
AREA 3	CC	2,000	2,000	709	0	<b>4,709</b>
	DA	0	1,560	1,560	1,033	<b>4,153</b>
	SJ	2,342	2,341	2,341	2,342	<b>9,366</b>
AREA 4	FR	1,800	1,800	1,800	1,585	<b>6,985</b>
	KE	2,000	3,304	0	0	<b>5,304</b>
	LP	0	0	4,696	0	<b>4,696</b>
AREA 5	ST	0	2,000	3,000	600	<b>5,600</b>
	YO	700	700	700	216	<b>2,316</b>
AREA 6	NV	0	500	2,000	984	<b>3,484</b>
	SA	1,572	1,571	1,571	1,572	<b>6,286</b>
	SI	0	1,995	1,994	1,992	<b>5,981</b>
AREA 7	NB	1,174	1,174	1,174	1,176	<b>4,698</b>
	NC	1,225	1,225	2,059	2,058	<b>6,567</b>
<b>TOTAL</b>		<b>21,008</b>	<b>31,131</b>	<b>31,827</b>	<b>18,595</b>	<b>102,561</b>

<sup>4</sup> Underground inspections will be performed on Transformers, Switching/Protective Devices, Regulators/Capacitors, and Padmounted equipment.

## 2005 COMPLIANCE PLAN (Cont.)

### III. INTRUSIVE INSPECTIONS SCHEDULED

PG&E plans to test and treat a total of approximately 234,000 poles in 2005. PG&E is currently conducting a wood pole test and treat program of poles over 10 years old. This 10-year program is scheduled to be completed by the end of 2004. In 2005 PG&E will begin a new 10-year program scheduled to be completed by the end of 2014. Below is a summary of PG&E's 10-year Pole Test and Treat Program.

Number of Poles to be completed in 2005	Jan-Mar	Apr-Jun	Jul-Sept	Oct-Dec	Total
	35,400	53,100	74,100	71,400	234,000

Program Progress 10 Year Schedule		
Year	No. of Poles Completed	No. of Poles Planned
1994-95	153,559	
1996	205,299	
1997	308,836	
1998	276,935	
1999	251,559	
2000	200,774	
2001	215,004	
2002	269,676	
2003	200,115	
2004		252,789
2005		234,000

2003 ANNUAL REPORT

I. PATROLS

A. OVERHEAD AND UNDERGROUND FACILITIES:

The original patrol plan for poles and enclosures in 2003 was based on an estimate<sup>5</sup> of poles and enclosures to be patrolled in 2003. The actual number of poles and enclosures patrolled in 2003 is reflected in the middle columns below. The third columns in the overhead and underground tables below reflect an over estimation in the planning process of the number of poles and enclosures requiring patrols.

Division		OVERHEAD			UNDERGROUND		
		No. of Poles Planned for Patrol	No. of Poles Patrolled	No. Planned that were not Patrolled	No. of Enclosures Planned for Patrol	No. of Enclosures Patrolled	No. Planned that were not Patrolled
AREA 1	PN	38,160	40,705	0	7,629	8,166	0
	SF	27,769	27,769	0	7,847	7,847	0
AREA 2	DI	52,655	48,986	3,669	20,408	18,782	1,626
	EB	49,370	49,370	0	6,819	6,727	92
	MI	39,192	39,025	167	22,262	22,534	0
AREA 3	CC	32,662	32,716	0	5,461	5,454	7
	DA	39,041	39,041	0	6,608	6,608	0
	SJ	42,332	42,397	0	9,631	9,631	0
AREA 4	FR	89,981	89,981	0	12,687	12,687	0
	KE	74,841	74,224	617	9,469	9,613	0
	LP	46,012	45,450	562	3,824	3,825	0
AREA 5	ST	82,058	82,058	0	8,654	8,654	0
	YO	95,325	95,325	0	4,871	4,871	0
AREA 6	NV	64,300	64,330	0	3,498	3,498	0
	SA	54,993	55,214	0	10,905	10,947	0
	SI	103,709	103,709	0	8,398	8,398	0
AREA 7	NB	30,772	30,772	0	8,235	8,235	0
	NC	50,857	49,890	967	9,113	9,439	0
<b>TOTAL</b>		<b>1,014,029</b>	<b>1,010,962</b>		<b>166,319</b>	<b>165,916</b>	

<sup>5</sup> See statement of estimating practice of facility counts on page i of this Report.

## 2003 ANNUAL REPORT (Cont.)

### II. DETAILED INSPECTIONS

#### A. OVERHEAD AND UNDERGROUND FACILITIES:

Overhead inspections include inspections of transformers, switching/protective devices, regulators, capacitors, and overhead conductors and cables. Underground inspections include inspections of transformers, switching/protective devices, regulators, capacitors, and padmounted equipment.

The original inspection plan for poles and enclosures in 2003 was based on an estimate<sup>6</sup> of poles and enclosures to be inspected in 2003. The actual number of poles and enclosures inspected in 2003 is reflected in the middle columns below. The third columns in the overhead and underground tables below reflect an over estimation in the planning process of the number of poles and enclosures requiring inspections.

Division		OVERHEAD			UNDERGROUND		
		No. of Poles Planned for Inspection	No. of Poles Inspected	No. Planned that were not Inspected	No. of Enclosures Planned for Inspection	No. of Enclosures Inspected	No. Planned that were not Inspected
AREA 1	PN	17,143	17,234	0	6,633	6,603	30
	SF	7,035	6,758	277	3,879	5,284	0
AREA 2	DI	12,427	12,686	0	8,777	9,276	0
	EB	10,015	10,017	0	4,656	4,422	234
	MI	13,155	19,129	0	11,845	13,315	0
AREA 3	CC	25,494	28,621	0	3,775	5,535	0
	DA	9,079	9,801	0	4,549	6,421	0
	SJ	12,270	12,141	129	8,160	17,132	0
AREA 4	FR	50,007	75,246	0	7,760	8,610	0
	KE	25,829	26,724	0	2,970	4,367	0
	LP	20,398	25,471	0	2,784	3,233	0
AREA 5	ST	33,200	36,022	0	4,592	6,936	0
	YO	55,815	65,735	0	2,326	4,324	0
AREA 6	NV	39,358	48,762	0	2,760	5,460	0
	SA	17,146	20,174	0	5,585	5,762	0
	SI	40,477	45,347	0	3,685	6,423	0
AREA 7	NB	20,031	20,293	0	4,334	4,923	0
	NC	43,208	57,265	0	5,962	6,797	0
<b>TOTAL</b>		<b>452,087</b>	<b>537,426</b>	<b>406</b>	<b>95,032</b>	<b>124,823</b>	<b>264</b>

<sup>6</sup> See statement of estimating practice of facility counts on page i of this Report.

## 2003 ANNUAL REPORT (Cont.)

### III. EQUIPMENT CONDITIONS

This section of the Report provides an estimate of PG&E's line equipment categorized into five main facility categories listed below. Data not available is identified with "N/A".

#### FIVE MAIN FACILITY CATEGORIES

<b>Transformers</b>	Includes overhead and underground transformers. Pad-mounted equipment is included in the underground category.
<b>Switches/Disconnects</b>	Includes fuses.
<b>Protective Devices</b>	Includes reclosers, sectionalizers, and underground interrupters. Does not include lightning arrestors.
<b>Voltage Regulation</b>	Includes capacitors, stepdown transformers, overhead boosters, overhead auto-boosters, and overhead regulators.
<b>Conductors/Cables</b>	PG&E's database does not track overhead and underground conductor and cable by quantity of conductor and cable.

Abnormal conditions identified receive a grading as follows:

Grade 1	Defined as a condition requiring urgent, immediate and continued action until the condition is repaired or no longer presents a hazard.
Grade 2	Defined as a condition requiring timely maintenance to mitigate an existing condition which, at the time of identification, does not present a hazard to third parties, company employees or property.

## 2003 ANNUAL REPORT (Cont.)

### A. IDENTIFIED CONDITIONS IN 2003:

#### SYSTEM SUMMARY

Facilities	Estimated Quantity	Corrective Action Required				No Corrective Action Required	
		Grade 1		Grade 2		Number	Percent
		Number	Percent	Number	Percent		
Transformers							
Overhead	785,422	5,059	0.64%	3,758	0.48%	776,605	98.88%
Underground	187,437	725	0.39%	3,479	1.86%	183,233	97.76%
Switches/Disconnects							
Overhead	155,349	1,166	0.75%	2,911	1.87%	151,272	97.38%
Underground	106,118	81	0.08%	659	0.62%	105,378	99.30%
Protective Devices							
Overhead	4,305	154	3.58%	1,175	27.29%	2,976	69.13%
Underground	818	4	0.49%	33	4.03%	781	95.48%
Voltage Regulation							
Overhead	16,348	198	1.21%	1,978	12.10%	14,172	86.69%
Underground	265	2	0.75%	26	9.81%	237	89.43%
Conductors & Cables							
Overhead	N/A	9,485	N/A	51,936	N/A	N/A	N/A
Underground	N/A	2,741	N/A	13,593	N/A	N/A	N/A

The values in the “Estimated Quantity” represent the estimated number in each facility category.

Abnormal conditions under “Corrective Action Required” include conditions identified only in 2003. Abnormal conditions identified in the “Corrective Action Required” column under Conductors and Cables is inclusive of all conditions that do not fall into the other four specific categories, excluding pole facility type, which is addressed in Section V, Wood Poles.

The number of Lightning Arrestors installed in the electric distribution system is not available and is not included in the “Estimated Quantity” of Protective Devices. The percentage of Grade 1 and Grade 2 facilities requiring corrective action and the percentage of facilities not requiring corrective action for Overhead Protective Devices in 2003 is skewed by this fact. Lightning Arrestors account for 40% of the Grade 1 Overhead Protective Devices requiring corrective action and 56% of Grade 2 Overhead Protective Devices requiring corrective action.

**2003 ANNUAL REPORT (Cont.)**

**A. IDENTIFIED CONDITIONS IN 2003: (continued)**

Multiple abnormal conditions identified at one location are reported in the facility category that is prioritized as the most serious among a ranking of system conditions. The scheduled repair date is the earliest determined for all the conditions identified at the location.

**AGGREGATED BY DIVISION – OVERHEAD TRANSFORMERS**

	Division	Transformers OVERHEAD	Corrective Action Required				No Corrective Action Required	
			Grade 1		Grade 2		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	22,719	121	0.53%	81	0.36%	22,517	99.11%
	SF	10,127	40	0.39%	99	0.98%	9,988	98.63%
AREA 2	DI	21,451	128	0.60%	81	0.38%	21,242	99.03%
	EB	19,673	64	0.33%	35	0.18%	19,574	99.50%
	MI	18,559	100	0.54%	75	0.40%	18,384	99.06%
AREA 3	CC	45,558	209	0.46%	310	0.68%	45,039	98.86%
	DA	17,347	115	0.66%	79	0.46%	17,153	98.88%
	SJ	22,623	150	0.66%	69	0.30%	22,404	99.03%
AREA 4	FR	97,844	398	0.41%	297	0.30%	97,149	99.29%
	KE	43,253	143	0.33%	407	0.94%	42,703	98.73%
	LP	34,919	140	0.40%	146	0.42%	34,633	99.18%
AREA 5	ST	62,058	418	0.67%	236	0.38%	61,404	98.95%
	YO	86,014	423	0.49%	736	0.86%	84,855	98.65%
AREA 6	NV	69,008	566	0.82%	294	0.43%	68,148	98.75%
	SA	32,095	404	1.26%	109	0.34%	31,582	98.40%
	SI	79,667	472	0.59%	347	0.44%	78,848	98.97%
AREA 7	NB	26,499	243	0.92%	67	0.25%	26,189	98.83%
	NC	76,008	925	1.22%	290	0.38%	74,793	98.40%
<b>TOTAL</b>		<b>785,422</b>	<b>5,059</b>		<b>3,758</b>		<b>776,605</b>	

**2003 ANNUAL REPORT (Cont.)**

**A. IDENTIFIED CONDITIONS IN 2003: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD SWITCHES AND DISCONNECTS**

Division	Switches and Disconnects OVERHEAD	Corrective Action Required				No Corrective Action Required		
		Grade 1		Grade 2		Number	Percent	
		Number	Percent	Number	Percent			
AREA 1	PN	6,741	65	0.96%	77	1.14%	6,599	97.89%
	SF	3,357	42	1.25%	64	1.91%	3,251	96.84%
AREA 2	DI	7,105	36	0.51%	138	1.94%	6,931	97.55%
	EB	5,657	58	1.03%	46	0.81%	5,553	98.16%
	MI	6,741	18	0.27%	32	0.47%	6,691	99.26%
AREA 3	CC	10,378	100	0.96%	137	1.32%	10,141	97.72%
	DA	5,364	20	0.37%	22	0.41%	5,322	99.22%
	SJ	7,705	37	0.48%	97	1.26%	7,571	98.26%
AREA 4	FR	15,220	84	0.55%	91	0.60%	15,045	98.85%
	KE	8,877	33	0.37%	26	0.29%	8,818	99.34%
	LP	6,542	46	0.70%	29	0.44%	6,467	98.85%
AREA 5	ST	9,847	68	0.69%	46	0.47%	9,733	98.84%
	YO	10,490	64	0.61%	45	0.43%	10,381	98.96%
AREA 6	NV	10,181	55	0.54%	46	0.45%	10,080	99.01%
	SA	5,878	73	1.24%	17	0.29%	5,788	98.47%
	SI	13,548	103	0.76%	28	0.21%	13,417	99.03%
AREA 7	NB	6,869	28	0.41%	27	0.39%	6,814	99.20%
	NC	14,849	236	1.59%	40	0.27%	14,573	98.14%
<b>TOTAL</b>	<b>155,349</b>	<b>1,166</b>	<b>1,008</b>	<b>153,175</b>				



**2003 ANNUAL REPORT (Cont.)**

**A. IDENTIFIED CONDITIONS IN 2003: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD PROTECTIVE DEVICES<sup>7</sup>**

	Division	Protective Devices OVERHEAD	Corrective Action Required				No Corrective Action Required	
			Grade 1		Grade 2		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	115	2	1.74%	29	25.22%	84	73.04%
	SF	39	3	7.69%	17	43.59%	19	48.72%
AREA 2	DI	142	0	0.00%	27	19.01%	115	80.99%
	EB	111	1	0.90%	8	7.21%	102	91.89%
	MI	147	0	0.00%	14	9.52%	133	90.48%
AREA 3	CC	370	3	0.81%	83	22.43%	284	76.76%
	DA	110	0	0.00%	18	16.36%	92	83.64%
	SJ	140	1	0.71%	13	9.29%	126	90.00%
AREA 4	FR	444	29	6.53%	224	50.45%	191	43.02%
	KE	245	21	8.57%	84	34.29%	140	57.14%
	LP	194	5	2.58%	33	17.01%	156	80.41%
AREA 5	ST	231	1	0.43%	32	13.85%	198	85.71%
	YO	486	20	4.12%	115	23.66%	351	72.22%
AREA 6	NV	373	8	2.14%	127	34.05%	238	63.81%
	SA	195	10	5.13%	72	36.92%	113	57.95%
	SI	343	22	6.41%	101	29.45%	220	64.14%
AREA 7	NB	169	2	1.18%	6	3.55%	161	95.27%
	NC	451	26	5.76%	172	38.14%	253	56.10%
<b>TOTAL</b>		<b>4,305</b>	<b>154</b>		<b>1,175</b>		<b>2,976</b>	

<sup>7</sup> Includes identified conditions associated with Lightning Arrestors.

**2003 ANNUAL REPORT (Cont.)**

**A. IDENTIFIED CONDITIONS IN 2003: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD VOLTAGE REGULATION**

	Division	Voltage Regulation OVERHEAD	Corrective Action Required				No Corrective Action Required	
			Grade 1		Grade 2		Required	
			Number	Percent	Number	Percent	Number	Percent
AREA 1	PN	639	7	1.10%	59	9.23%	573	89.67%
	SF	394	5	1.27%	51	12.94%	338	85.79%
AREA 2	DI	531	14	2.64%	201	37.85%	316	59.51%
	EB	460	7	1.52%	78	16.96%	375	81.52%
	MI	712	3	0.42%	132	18.54%	577	81.04%
AREA 3	CC	814	15	1.84%	118	14.50%	681	83.66%
	DA	457	1	0.22%	108	23.63%	348	76.15%
	SJ	694	3	0.43%	195	28.10%	496	71.47%
AREA 4	FR	2,008	19	0.95%	193	9.61%	1,796	89.44%
	KE	1,345	59	4.39%	99	7.36%	1,187	88.25%
	LP	699	6	0.86%	73	10.44%	620	88.70%
AREA 5	ST	1,075	9	0.84%	144	13.40%	922	85.77%
	YO	1,458	5	0.34%	87	5.97%	1,366	93.69%
AREA 6	NV	1,272	4	0.31%	86	6.76%	1,182	92.92%
	SA	940	16	1.70%	84	8.94%	840	89.36%
	SI	1,136	12	1.06%	115	10.12%	1,009	88.82%
AREA 7	NB	496	3	0.60%	18	3.63%	475	95.77%
	NC	1,218	10	0.82%	137	11.25%	1,071	87.93%
<b>TOTAL</b>		<b>16,348</b>	<b>198</b>		<b>1,978</b>		<b>14,172</b>	

**2003 ANNUAL REPORT (Cont.)**

**A. IDENTIFIED CONDITIONS IN 2003: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD CONDUCTORS AND CABLES<sup>8</sup>**

	Division	Conductor and Cables OVERHEAD	Corrective Action Required				No Corrective Action Required	
			Grade 1		Grade 2		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	<i>Data Not Available</i>	604	N/A	1,518	N/A	<i>Data Not Available</i>	
	SF		598	N/A	1,152	N/A		
AREA 2	DI	<i>Data Not Available</i>	272	N/A	1,477	N/A	<i>Data Not Available</i>	
	EB		396	N/A	1,699	N/A		
	MI		150	N/A	2,848	N/A		
AREA 3	CC	<i>Data Not Available</i>	533	N/A	2,467	N/A	<i>Data Not Available</i>	
	DA		461	N/A	3,287	N/A		
	SJ		397	N/A	1,104	N/A		
AREA 4	FR	<i>Data Not Available</i>	672	N/A	6,593	N/A	<i>Data Not Available</i>	
	KE		286	N/A	3,291	N/A		
	LP		280	N/A	2,328	N/A		
AREA 5	ST	<i>Data Not Available</i>	399	N/A	1,281	N/A	<i>Data Not Available</i>	
	YO		513	N/A	3,391	N/A		
AREA 6	NV	<i>Data Not Available</i>	681	N/A	7,239	N/A	<i>Data Not Available</i>	
	SA		593	N/A	1,197	N/A		
	SI		729	N/A	5,104	N/A		
AREA 7	NB	<i>Data Not Available</i>	636	N/A	2,593	N/A	<i>Data Not Available</i>	
	NC		1,285	N/A	5,270	N/A		
<b>TOTAL</b>			<b>9,485</b>		<b>53,839</b>			

<sup>8</sup> PG&E's database does not track overhead and underground conductor and cable by quantity of conductor and cable. Also, identified conditions in this table include other conditions that do not fall into the other four specific categories, excluding pole facility type, which is addressed in Section V, Wood Poles.

**2003 ANNUAL REPORT (Cont.)**

**A. IDENTIFIED CONDITIONS IN 2003: (continued)**

**AGGREGATED BY DIVISION – UNDERGROUND TRANSFORMERS**

Division		Transformers (Padmount Included) UNDERGROUND D	Corrective Action Required				No Corrective Action Required	
			Grade 1		Grade 2		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	6,959	38	0.55%	169	2.43%	6,752	97.03%
	SF	4,629	26	0.56%	144	3.11%	4,459	96.33%
AREA 2	DI	16,442	52	0.32%	131	0.80%	16,259	98.89%
	EB	5,557	17	0.31%	105	1.89%	5,435	97.80%
	MI	17,271	48	0.28%	160	0.93%	17,063	98.80%
AREA 3	CC	8,691	33	0.38%	260	2.99%	8,398	96.63%
	DA	6,897	31	0.45%	123	1.78%	6,743	97.77%
	SJ	16,130	88	0.55%	427	2.65%	15,615	96.81%
AREA 4	FR	17,590	70	0.40%	190	1.08%	17,330	98.52%
	KE	10,755	36	0.33%	185	1.72%	10,534	97.95%
	LP	7,437	7	0.09%	117	1.57%	7,313	98.33%
AREA 5	ST	11,887	47	0.40%	86	0.72%	11,754	98.88%
	YO	7,644	28	0.37%	232	3.04%	7,384	96.60%
AREA 6	NV	6,650	26	0.39%	221	3.32%	6,403	96.29%
	SA	10,389	34	0.33%	104	1.00%	10,251	98.67%
	SI	11,868	44	0.37%	396	3.34%	11,428	96.29%
AREA 7	NB	8,735	46	0.53%	198	2.27%	8,491	97.21%
	NC	11,906	54	0.45%	231	1.94%	11,621	97.61%
<b>TOTAL</b>		<b>187,437</b>	<b>725</b>		<b>3,479</b>		<b>183,233</b>	

**2003 ANNUAL REPORT (Cont.)**

**A. IDENTIFIED CONDITIONS IN 2003: (continued)**

**AGGREGATED BY DIVISION – UNDERGROUND SWITCHES OR DISCONNECTS**

Division		Switches or Disconnects UNDERGROUND	Corrective Action Required				No Corrective Action Required	
			Grade 1		Grade 2		Required	
			Number	Percent	Number	Percent	Number	Percent
AREA 1	PN	5,162	7	0.14%	41	0.79%	5,114	99.07%
	SF	5,331	6	0.11%	86	1.61%	5,239	98.27%
AREA 2	DI	10,062	6	0.06%	36	0.36%	10,020	99.58%
	EB	4,154	2	0.05%	15	0.36%	4,137	99.59%
	MI	12,034	4	0.03%	24	0.20%	12,006	99.77%
AREA 3	CC	2,513	2	0.08%	30	1.19%	2,481	98.73%
	DA	5,027	4	0.08%	21	0.42%	5,002	99.50%
	SJ	11,704	14	0.12%	129	1.10%	11,561	98.78%
AREA 4	FR	6,613	10	0.15%	43	0.65%	6,560	99.20%
	KE	6,643	0	0.00%	19	0.29%	6,624	99.71%
	LP	2,101	1	0.05%	21	1.00%	2,079	98.95%
AREA 5	ST	7,441	2	0.03%	20	0.27%	7,419	99.70%
	YO	2,186	1	0.05%	33	1.51%	2,152	98.44%
AREA 6	NV	2,374	2	0.08%	30	1.26%	2,342	98.65%
	SA	5,395	6	0.11%	18	0.33%	5,371	99.56%
	SI	4,653	9	0.19%	60	1.29%	4,584	98.52%
AREA 7	NB	4,905	3	0.06%	13	0.27%	4,889	99.67%
	NC	7,820	2	0.03%	20	0.26%	7,798	99.72%
<b>TOTAL</b>		<b>106,118</b>	<b>81</b>		<b>659</b>		<b>105,378</b>	

**2003 ANNUAL REPORT (Cont.)**

**A. IDENTIFIED CONDITIONS IN 2003: (continued)**

**AGGREGATED BY DIVISION – UNDERGROUND PROTECTIVE DEVICES**

Division		Protective Devices UNDERGROUN D	Corrective Action Required				No Corrective Action Required	
			Grade 1		Grade 2		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	37	0	0.00%	2	5.41%	35	94.59%
	SF	25	0	0.00%	0	0.00%	25	100.00%
AREA 2	DI	43	0	0.00%	0	0.00%	43	100.00%
	EB	18	0	0.00%	1	5.56%	17	94.44%
	MI	41	0	0.00%	2	4.88%	39	95.12%
AREA 3	CC	5	0	0.00%	0	0.00%	5	100.00%
	DA	80	0	0.00%	2	2.50%	78	97.50%
	SJ	299	1	0.33%	10	3.34%	288	96.32%
AREA 4	FR	30	3	10.00%	2	6.67%	25	83.33%
	KE	13	0	0.00%	1	7.69%	12	92.31%
	LP	27	0	0.00%	1	3.70%	26	96.30%
AREA 5	ST	32	0	0.00%	3	9.38%	29	90.63%
	YO	29	0	0.00%	2	6.90%	27	93.10%
AREA 6	NV	11	0	0.00%	1	9.09%	10	90.91%
	SA	22	0	0.00%	2	9.09%	20	90.91%
	SI	28	0	0.00%	0	0.00%	28	100.00%
AREA 7	NB	7	0	0.00%	0	0.00%	7	100.00%
	NC	71	0	0.00%	4	5.63%	67	94.37%
<b>TOTAL</b>		<b>818</b>	<b>4</b>		<b>33</b>		<b>781</b>	

**2003 ANNUAL REPORT (Cont.)**

**A. IDENTIFIED CONDITIONS IN 2003: (continued)**

**AGGREGATED BY DIVISION – UNDERGROUND VOLTAGE REGULATION**

	Division	Voltage Regulation UNDERGROUND	Corrective Action Required				No Corrective Action Required	
			Grade 1		Grade 2		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	8	0	0.00%	0	0.00%	8	100.00%
	SF	2	0	0.00%	0	0.00%	2	100.00%
AREA 2	DI	10	1	10.00%	0	0.00%	9	90.00%
	EB	0	0	N/A	0	N/A	0	N/A
	MI	74	0	0.00%	7	9.46%	67	90.54%
AREA 3	CC	10	0	0.00%	0	0.00%	10	100.00%
	DA	1	0	0.00%	0	0.00%	1	100.00%
	SJ	55	1	1.82%	17	30.91%	37	67.27%
AREA 4	FR	17	0	0.00%	0	0.00%	17	100.00%
	KE	5	0	0.00%	0	0.00%	5	100.00%
	LP	10	0	0.00%	0	0.00%	10	100.00%
AREA 5	ST	7	0	0.00%	0	0.00%	7	100.00%
	YO	1	0	0.00%	0	0.00%	1	100.00%
AREA 6	NV	3	0	0.00%	0	0.00%	3	100.00%
	SA	23	0	0.00%	2	8.70%	21	91.30%
	SI	24	0	0.00%	0	0.00%	24	100.00%
AREA 7	NB	4	0	0.00%	0	0.00%	4	100.00%
	NC	11	0	0.00%	0	0.00%	11	100.00%
<b>TOTAL</b>		<b>265</b>	<b>2</b>		<b>26</b>		<b>237</b>	

**2003 ANNUAL REPORT (Cont.)**

**A. IDENTIFIED CONDITIONS IN 2003: (continued)**

**AGGREGATED BY DIVISION – UNDERGROUND CONDUCTORS AND CABLES<sup>9</sup>**

Division		Conductor and Cables UNDERGROUND	Corrective Action Required				No Corrective Action Required	
			Grade 1		Grade 2		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	<i>Data Not Available</i>	179	N/A	463	N/A	<i>Data Not Available</i>	
	SF		181	N/A	804	N/A		
AREA 2	DI	<i>Data Not Available</i>	141	N/A	796	N/A	<i>Data Not Available</i>	
	EB		59	N/A	733	N/A		
	MI		76	N/A	963	N/A		
AREA 3	CC	<i>Data Not Available</i>	194	N/A	793	N/A	<i>Data Not Available</i>	
	DA		131	N/A	1,039	N/A		
	SJ		350	N/A	1,365	N/A		
AREA 4	FR	<i>Data Not Available</i>	284	N/A	1,092	N/A	<i>Data Not Available</i>	
	KE		96	N/A	699	N/A		
	LP		77	N/A	422	N/A		
AREA 5	ST	<i>Data Not Available</i>	77	N/A	408	N/A	<i>Data Not Available</i>	
	YO		115	N/A	943	N/A		
AREA 6	NV	<i>Data Not Available</i>	123	N/A	396	N/A	<i>Data Not Available</i>	
	SA		192	N/A	324	N/A		
	SI		140	N/A	690	N/A		
AREA 7	NB	<i>Data Not Available</i>	152	N/A	638	N/A	<i>Data Not Available</i>	
	NC		174	N/A	1,025	N/A		
<b>TOTAL</b>			<b>2,741</b>		<b>13,593</b>			

<sup>9</sup> PG&E's database does not track overhead and underground conductor and cable by quantity of conductor and cable. Also, identified conditions in this table include other conditions that do not fall into the other four specific categories.



## 2003 ANNUAL REPORT (Cont.)

### B. CORRECTIVE ACTION SCHEDULED FOR 2003:

Abnormal conditions in the “Conditions Scheduled for Correction in 2003” column were identified in year 2003 and prior years. A facility reported as corrected may have been repaired, replaced, cleaned, adjusted, removed, re-evaluated, or received other appropriate action.

An overhead facility was not corrected as scheduled due to critical outage response related to other facilities. The repair required a scheduled shut down of customers in order to be completed in a safe manner. Crews available to perform this work were called upon to repair storm damage. When resources were available again, the scheduled shut down had been moved to a later date, past the due date of this corrective action. The corrective action has been completed as of this date.

An underground facility was not corrected as scheduled due to the inability to maintain customer power during the repair. In order to perform the required work without disconnecting power from customers in the City of Oakland, the power would have to be run through the Palo Seco Substation. The Palo Seco Substation was under repairs and could not act as an intermediary for power until a later date, past the due date for this corrective action. PG&E opted to wait versus disconnecting customers. The corrective action has been completed as of this date.

These notifications were monitored for safety and reliability during the period prior to completion.

### SYSTEM SUMMARY

Facilities	Conditions Scheduled for Correction in 2003	Number of Facilities			
		Corrected	Percent	Not Corrected	Percent
Transformers					
Overhead	3,537	3,537	100.00%	0	0.00%
Underground	2,869	2,869	100.00%	0	0.00%
Switches/Disconnects					
Overhead	2,755	2,755	99.96%	1	0.04%
Underground	585	585	99.83%	1	0.17%
Protective Devices					
Overhead	1,006	1,006	100.00%	0	0.00%
Underground	19	19	100.00%	0	0.00%
Voltage Regulation					
Overhead	1,814	1,814	100.00%	0	0.00%
Underground	44	44	100.00%	0	0.00%
Conductors & Cables					
Overhead	36,297	36,297	100.00%	0	0.00%
Underground	11,688	11,688	100.00%	0	0.00%
<b>TOTAL</b>	<b>60,616</b>	<b>60,614</b>		<b>2</b>	

**2003 ANNUAL REPORT (Cont.)**

**B. CORRECTIVE ACTION SCHEDULED FOR 2003: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND TRANSFORMERS**

Division		Transformers		Overhead				Underground			
		Conditions Scheduled for Correction		Number of Facilities				Number of Facilities			
		OH	UG	Corrected		Not Corrected		Corrected		Not Corrected	
				Number	Percent	Number	Percent	Number	Percent	Number	Percent
AREA 1	PN	77	155	77	100%	0	0%	155	100%	0	0%
	SF	119	175	119	100%	0	0%	175	100%	0	0%
AREA 2	DI	97	122	97	100%	0	0%	122	100%	0	0%
	EB	30	44	30	100%	0	0%	44	100%	0	0%
	MI	78	164	78	100%	0	0%	164	100%	0	0%
AREA 3	CC	218	145	218	100%	0	0%	145	100%	0	0%
	DA	144	75	144	100%	0	0%	75	100%	0	0%
	SJ	63	264	63	100%	0	0%	264	100%	0	0%
AREA 4	FR	375	217	375	100%	0	0%	217	100%	0	0%
	KE	389	199	389	100%	0	0%	199	100%	0	0%
	LP	173	155	173	100%	0	0%	155	100%	0	0%
AREA 5	ST	239	115	239	100%	0	0%	115	100%	0	0%
	YO	632	105	632	100%	0	0%	105	100%	0	0%
AREA 6	NV	221	290	221	100%	0	0%	290	100%	0	0%
	SA	106	89	106	100%	0	0%	89	100%	0	0%
	SI	300	335	300	100%	0	0%	335	100%	0	0%
AREA 7	NB	54	86	54	100%	0	0%	86	100%	0	0%
	NC	222	134	222	100%	0	0%	134	100%	0	0%
<b>TOTAL</b>		<b>3,537</b>	<b>2,869</b>	<b>3,537</b>		<b>0</b>		<b>2,869</b>		<b>0</b>	

**2003 ANNUAL REPORT (Cont.)**

**B. CORRECTIVE ACTION SCHEDULED FOR 2003: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND SWITCHES/DISCONNECTS**

Division		Switches & Disconnects		Overhead				Underground			
		Conditions Scheduled for Correction		Number of Facilities				Number of Facilities			
		OH	UG	Corrected		Not Corrected		Corrected		Not Corrected	
				Number	Percent	Number	Percent	Number	Percent	Number	Percent
AREA 1	PN	97	28	97	100%	0	0%	28	100%	0	0%
	SF	86	67	86	100%	0	0%	67	100%	0	0%
AREA 2	DI	180	31	180	100%	0	0%	31	100%	0	0%
	EB	73	18	72	98.63%	1 <sup>10</sup>	0%	17	94.44%	1 <sup>11</sup>	0%
	MI	88	39	88	100%	0	0%	39	100%	0	0%
AREA 3	CC	321	9	321	100%	0	0%	9	100%	0	0%
	DA	99	24	99	100%	0	0%	24	100%	0	0%
	SJ	119	75	119	100%	0	0%	75	100%	0	0%
AREA 4	FR	334	43	334	100%	0	0%	43	100%	0	0%
	KE	80	16	80	100%	0	0%	16	100%	0	0%
	LP	168	34	168	100%	0	0%	34	100%	0	0%
AREA 5	ST	120	33	120	100%	0	0%	33	100%	0	0%
	YO	209	14	209	100%	0	0%	14	100%	0	0%
AREA 6	NV	198	37	198	100%	0	0%	37	100%	0	0%
	SA	68	16	68	100%	0	0%	16	100%	0	0%
	SI	201	66	201	100%	0	0%	66	100%	0	0%
AREA 7	NB	74	15	74	100%	0	0%	15	100%	0	0%
	NC	241	21	241	100%	0	0%	21	100%	0	0%

<sup>10</sup> This overhead facility was not corrected as scheduled due to critical outage response related to other facilities. The repair required a scheduled shut down of customers in order to be completed in a safe manner. Crews available to perform this work were called upon to repair storm damage. When resources were available again, the scheduled shut down had been moved to a later date, past the due date of this corrective action. The corrective action has been completed as of this date.

<sup>11</sup> This underground facility was not corrected as scheduled due to the inability to maintain customer power during the repair. In order to perform the required work without disconnecting power from customers in the City of Oakland, the power would have to be run through the Palo Seco Substation. The Palo Seco Substation was under repairs and could not act as an intermediary for power until a later date, past the due date for this corrective action. PG&E opted to wait versus disconnecting customers. The corrective action has been completed as of this date.

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**TOTAL      2,756      586      2,755      1      585      1**

**B. CORRECTIVE ACTION SCHEDULED FOR 2003: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND PROTECTIVE DEVICES**

Division		Protective Devices		Overhead				Underground			
		Conditions Scheduled for Correction		Number of Facilities				Number of Facilities			
		OH	UG	Corrected		Not Corrected		Corrected		Not Corrected	
				Number	Percent	Number	Percent	Number	Percent	Number	Percent
AREA 1	PN	7	2	7	100%	0	0%	2	100%	0	0%
	SF	3	1	3	100%	0	0%	1	100%	0	0%
AREA 2	DI	12	0	12	100%	0	0%	0	N/A	0	N/A
	EB	8	0	8	100%	0	0%	0	N/A	0	N/A
	MI	7	1	7	100%	0	0%	1	100%	0	0%
AREA 3	CC	96	0	96	100%	0	0%	0	N/A	0	N/A
	DA	15	4	15	100%	0	0%	4	100%	0	0%
	SJ	6	3	6	100%	0	0%	3	100%	0	0%
AREA 4	FR	197	0	197	100%	0	0%	0	N/A	0	N/A
	KE	65	0	65	100%	0	0%	0	N/A	0	N/A
	LP	36	1	36	100%	0	0%	1	100%	0	0%
AREA 5	ST	22	1	22	100%	0	0%	1	100%	0	0%
	YO	113	2	113	100%	0	0%	2	100%	0	0%
AREA 6	NV	108	1	108	100%	0	0%	1	100%	0	0%
	SA	56	0	56	100%	0	0%	0	N/A	0	N/A
	SI	101	0	101	100%	0	0%	0	N/A	0	N/A
AREA 7	NB	5	0	5	100%	0	0%	0	N/A	0	N/A
	NC	149	3	149	100%	0	0%	3	100%	0	0%
<b>TOTAL</b>		<b>1,006</b>	<b>19</b>	<b>1,006</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>19</b>	<b>0</b>	<b>0</b>	<b>0</b>

**2003 ANNUAL REPORT (Cont.)**

**B. CORRECTIVE ACTION SCHEDULED FOR 2003: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND VOLTAGE REGULATION**

Division		Voltage Regulation		Overhead				Underground			
		Conditions Scheduled for Correction		Number of Facilities				Number of Facilities			
		OH	UG	Corrected		Not Corrected		Corrected		Not Corrected	
				Number	Percent	Number	Percent	Number	Percent	Number	Percent
AREA 1	PN	45	0	45	100%	0	0%	0	N/A	0	N/A
	SF	38	0	38	100%	0	0%	0	N/A	0	N/A
AREA 2	DI	123	0	123	100%	0	0%	0	N/A	0	N/A
	EB	61	0	61	100%	0	0%	0	N/A	0	N/A
	MI	157	9	157	100%	0	0%	9	100%	0	0%
AREA 3	CC	134	0	134	100%	0	0%	0	N/A	0	N/A
	DA	116	0	116	100%	0	0%	0	N/A	0	N/A
	SJ	158	33	158	100%	0	0%	33	100%	0	0%
AREA 4	FR	183	0	183	100%	0	0%	0	N/A	0	N/A
	KE	76	0	76	100%	0	0%	0	N/A	0	N/A
	LP	57	0	57	100%	0	0%	0	N/A	0	N/A
AREA 5	ST	155	0	155	100%	0	0%	0	N/A	0	N/A
	YO	95	0	95	100%	0	0%	0	N/A	0	N/A
AREA 6	NV	81	0	81	100%	0	0%	0	N/A	0	N/A
	SA	90	1	90	100%	0	0%	1	100%	0	0%
	SI	94	1	94	100%	0	0%	1	100%	0	0%
AREA 7	NB	35	0	35	100%	0	0%	0	N/A	0	N/A
	NC	116	0	116	100%	0	0%	0	N/A	0	N/A
<b>TOTAL</b>		<b>1,814</b>	<b>44</b>	<b>1,814</b>		<b>0</b>		<b>44</b>		<b>0</b>	

**2003 ANNUAL REPORT (Cont.)**

**B. CORRECTIVE ACTION SCHEDULED FOR 2002: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND  
CONDUCTORS/CABLES**

		Conductors & Cables		Overhead				Underground				
				Number of Facilities				Number of Facilities				
		Conditions Scheduled for Correction		Corrected		Not Corrected		Corrected		Not Corrected		
				OH	UG	Number	Percent	Number	Percent	Number	Percent	
Division												
AREA 1	PN	1,489	569	1,489	100%	0	0%	569	100%	0	0%	
	SF	2,253	1,059	2,253	100%	0	0%	1,059	100%	0	0%	
AREA 2	DI	1,060	826	1,060	100%	0	0%	826	100%	0	0%	
	EB	1,137	315	1,137	100%	0	0%	315	100%	0	0%	
	MI	2,019	911	2,019	100%	0	0%	911	100%	0	0%	
AREA 3	CC	1,270	451	1,270	100%	0	0%	451	100%	0	0%	
	DA	1,547	674	1,547	100%	0	0%	674	100%	0	0%	
	SJ	858	841	858	100%	0	0%	841	100%	0	0%	
AREA 4	FR	3,716	1,085	3,716	100%	0	0%	1,085	100%	0	0%	
	KE	2,660	609	2,660	100%	0	0%	609	100%	0	0%	
	LP	1,350	563	1,350	100%	0	0%	563	100%	0	0%	
AREA 5	ST	1,432	483	1,432	100%	0	0%	483	100%	0	0%	
	YO	3,112	655	3,112	100%	0	0%	655	100%	0	0%	
AREA 6	NV	4,404	615	4,404	100%	0	0%	615	100%	0	0%	
	SA	957	281	957	100%	0	0%	281	100%	0	0%	
	SI	2,380	625	2,380	100%	0	0%	625	100%	0	0%	
AREA 7	NB	1,403	493	1,403	100%	0	0%	493	100%	0	0%	
	NC	3,250	633	3,250	100%	0	0%	633	100%	0	0%	
<b>TOTAL</b>		<b>36,297</b>	<b>11,688</b>	<b>36,297</b>		<b>0</b>		<b>11,688</b>		<b>0</b>		

**2003 ANNUAL REPORT (Cont.)**

**C. CORRECTIVE ACTION SCHEDULED FOR 2004:**

Abnormal conditions in the “Corrective Action Scheduled for 2004” column were identified in year 2003 and prior years.

**SYSTEM SUMMARY**

Facilities	Estimated Quantity	Corrective Action Scheduled 2004	
		Grade 2	
		Number	Percent
Transformers			
Overhead	785,422	2,058	0.26%
Underground	187,437	2,728	1.46%
Switches/Disconnects			
Overhead	155,349	1,393	0.90%
Underground	106,118	438	0.41%
Protective Devices			
Overhead	4,305	732	17.00%
Underground	818	15	1.83%
Voltage Regulation			
Overhead	16,348	752	4.60%
Underground	265	10	3.77%
Conductors & Cables			
Overhead	N/A	34,839	N/A
Underground	N/A	8,519	N/A

**2003 ANNUAL REPORT (Cont.)**

**C. CORRECTIVE ACTION SCHEDULED FOR 2004: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND TRANSFORMERS**

Division		Transformer		Corrective Action Scheduled 2004			
		OH	UG	OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	22,719	6,959	53	0.23%	146	2.10%
	SF	10,127	4,629	68	0.67%	98	2.12%
AREA 2	DI	21,451	16,442	43	0.20%	135	0.82%
	EB	19,673	5,557	41	0.21%	90	1.62%
	MI	18,559	17,271	45	0.24%	147	0.85%
AREA 3	CC	45,558	8,691	239	0.52%	319	3.67%
	DA	17,347	6,897	31	0.18%	120	1.74%
	SJ	22,623	16,130	45	0.20%	261	1.62%
AREA 4	FR	97,844	17,590	194	0.20%	162	0.92%
	KE	43,253	10,755	163	0.38%	53	0.49%
	LP	34,919	7,437	70	0.20%	158	2.12%
AREA 5	ST	62,058	11,887	73	0.12%	81	0.68%
	YO	86,014	7,644	416	0.48%	118	1.54%
AREA 6	NV	69,008	6,650	210	0.30%	193	2.90%
	SA	32,095	10,389	39	0.12%	97	0.93%
	SI	79,667	11,868	125	0.16%	175	1.47%
AREA 7	NB	26,499	8,735	34	0.13%	186	2.13%
	NC	76,008	11,906	169	0.22%	189	1.59%
<b>TOTAL</b>		<b>785,422</b>	<b>187,437</b>	<b>2,058</b>		<b>2,728</b>	



**2003 ANNUAL REPORT (Cont.)**

**C. CORRECTIVE ACTION SCHEDULED FOR 2004: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND SWITCHES/DISCONNECTS**

		Division	Switches or Disconnects		Corrective Action Scheduled 2004			
			OH	UG	OH		UG	
					Number	Percent	Number	Percent
AREA 1	PN	6,741	5,162	62	0.92%	33	0.64%	
	SF	3,357	5,331	31	0.92%	60	1.13%	
AREA 2	DI	7,105	10,062	186	2.62%	23	0.23%	
	EB	5,657	4,154	34	0.60%	14	0.34%	
	MI	6,741	12,034	41	0.61%	18	0.15%	
AREA 3	CC	10,378	2,513	107	1.03%	45	1.79%	
	DA	5,364	5,027	60	1.12%	13	0.26%	
	SJ	7,705	11,704	113	1.47%	85	0.73%	
AREA 4	FR	15,220	6,613	131	0.86%	25	0.38%	
	KE	8,877	6,643	16	0.18%	7	0.11%	
	LP	6,542	2,101	116	1.77%	16	0.76%	
AREA 5	ST	9,847	7,441	51	0.52%	13	0.17%	
	YO	10,490	2,186	87	0.83%	17	0.78%	
AREA 6	NV	10,181	2,374	70	0.69%	14	0.59%	
	SA	5,878	5,395	15	0.26%	12	0.22%	
	SI	13,548	4,653	42	0.31%	24	0.52%	
AREA 7	NB	6,869	4,905	45	0.66%	11	0.22%	
	NC	14,849	7,820	186	1.25%	8	0.10%	
<b>TOTAL</b>		<b>155,349</b>	<b>106,118</b>	<b>1,393</b>		<b>438</b>		

**2003 ANNUAL REPORT (Cont.)**

**C. CORRECTIVE ACTION SCHEDULED FOR 2004: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND PROTECTIVE DEVICES**

		Protective Devices		Corrective Action Scheduled 2004			
				OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	115	37	22	19.13%	1	2.70%
	SF	39	25	15	38.46%	0	0.00%
AREA 2	DI	142	43	16	11.27%	0	0.00%
	EB	111	18	4	3.60%	1	5.56%
	MI	147	41	8	5.44%	1	2.44%
AREA 3	CC	370	5	25	6.76%	0	0.00%
	DA	110	80	5	4.55%	0	0.00%
	SJ	140	299	9	6.43%	6	2.01%
AREA 4	FR	444	30	119	26.80%	2	6.67%
	KE	245	13	44	17.96%	1	7.69%
	LP	194	27	21	10.82%	0	0.00%
AREA 5	ST	231	32	15	6.49%	1	3.13%
	YO	486	29	80	16.46%	0	0.00%
AREA 6	NV	373	11	102	27.35%	0	0.00%
	SA	195	22	43	22.05%	1	4.55%
	SI	343	28	62	18.08%	0	0.00%
AREA 7	NB	169	7	2	1.18%	0	0.00%
	NC	451	71	140	31.04%	1	1.41%
<b>TOTAL</b>		<b>4,305</b>	<b>818</b>	<b>732</b>		<b>15</b>	

**2003 ANNUAL REPORT (Cont.)**

**C. CORRECTIVE ACTION SCHEDULED FOR 2004: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND VOLTAGE REGULATION**

Division		Voltage Regulation		Corrective Action Scheduled 2004			
				OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	639	8	32	5.01%	0	0.00%
	SF	394	2	21	5.33%	0	0.00%
AREA 2	DI	531	10	99	18.64%	0	0.00%
	EB	460	0	34	7.39%	0	N/A
	MI	712	74	34	4.78%	3	4.05%
AREA 3	CC	814	10	52	6.39%	0	0.00%
	DA	457	1	38	8.32%	0	0.00%
	SJ	694	55	93	13.40%	5	9.09%
AREA 4	FR	2,008	17	60	2.99%	0	0.00%
	KE	1,345	5	30	2.23%	0	0.00%
	LP	699	10	22	3.15%	0	0.00%
AREA 5	ST	1,075	7	41	3.81%	0	0.00%
	YO	1,458	1	27	1.85%	0	0.00%
AREA 6	NV	1,272	3	26	2.04%	0	0.00%
	SA	940	23	36	3.83%	2	8.70%
	SI	1,136	24	52	4.58%	0	0.00%
AREA 7	NB	496	4	4	0.81%	0	0.00%
	NC	1,218	11	51	4.19%	0	0.00%
<b>TOTAL</b>		<b>16,348</b>	<b>265</b>	<b>752</b>		<b>10</b>	

**2003 ANNUAL REPORT (Cont.)**

**C. CORRECTIVE ACTION SCHEDULED FOR 2004: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND  
CONDUCTORS/CABLES<sup>12</sup>**

Division		Conductor and Cables OH UG		Corrective Action Scheduled 2004			
				OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	<i>Data Not Available</i>		787	N/A	325	N/A
	SF			1,356	N/A	460	N/A
AREA 2	DI	<i>Data Not Available</i>		1,142	N/A	578	N/A
	EB			1,444	N/A	499	N/A
	MI			1,608	N/A	774	N/A
AREA 3	CC	<i>Data Not Available</i>		1,679	N/A	610	N/A
	DA			2,251	N/A	842	N/A
	SJ			517	N/A	740	N/A
AREA 4	FR	<i>Data Not Available</i>		4,499	N/A	589	N/A
	KE			1,620	N/A	317	N/A
	LP			1,201	N/A	430	N/A
AREA 5	ST	<i>Data Not Available</i>		978	N/A	256	N/A
	YO			2,497	N/A	350	N/A
AREA 6	NV	<i>Data Not Available</i>		5,229	N/A	334	N/A
	SA			548	N/A	198	N/A
	SI			2,086	N/A	289	N/A
AREA 7	NB	<i>Data Not Available</i>		1,583	N/A	445	N/A
	NC			3,814	N/A	483	N/A
<b>TOTAL</b>				<b>34,839</b>		<b>8,519</b>	

<sup>12</sup> PG&E's database does not track overhead and underground conductor and cable by quantity of conductor and cable.

**2003 ANNUAL REPORT (Cont.)**

**D. CORRECTIVE ACTION SCHEDULED FOR 2005:**

Abnormal conditions in the “Corrective Action Scheduled for 2005” column were identified in year 2003 and prior years.

**SYSTEM SUMMARY**

Facilities	Estimated Quantity	Corrective Action Scheduled 2005	
		Grade 2	
		Number	Percent
Transformers			
Overhead	785,422	388	0.05%
Underground	187,437	744	0.40%
Switches/Disconnects			
Overhead	155,349	192	0.12%
Underground	106,118	82	0.08%
Protective Devices			
Overhead	4,305	173	4.02%
Underground	818	5	0.61%
Voltage Regulation			
Overhead	16,348	43	0.26%
Underground	265	1	0.38%
Conductors & Cables			
Overhead	N/A	13,104	N/A
Underground	N/A	2,489	N/A

**2003 ANNUAL REPORT (Cont.)**

**D. CORRECTIVE ACTION SCHEDULED FOR 2005: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND TRANSFORMERS**

	Division	Transformers		Corrective Action Scheduled 2005			
		OH	UG	OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	22,719	6,959	6	0.03%	31	0.45%
	SF	10,127	4,629	17	0.17%	2	0.04%
AREA 2	DI	21,451	16,442	5	0.02%	43	0.26%
	EB	19,673	5,557	5	0.03%	36	0.65%
	MI	18,559	17,271	7	0.04%	11	0.06%
AREA 3	CC	45,558	8,691	66	0.14%	126	1.45%
	DA	17,347	6,897	3	0.02%	10	0.14%
	SJ	22,623	16,130	2	0.01%	60	0.37%
AREA 4	FR	97,844	17,590	40	0.04%	24	0.14%
	KE	43,253	10,755	30	0.07%	15	0.14%
	LP	34,919	7,437	21	0.06%	40	0.54%
AREA 5	ST	62,058	11,887	17	0.03%	8	0.07%
	YO	86,014	7,644	37	0.04%	64	0.84%
AREA 6	NV	69,008	6,650	37	0.05%	87	1.31%
	SA	32,095	10,389	8	0.02%	13	0.13%
	SI	79,667	11,868	44	0.06%	82	0.69%
AREA 7	NB	26,499	8,735	9	0.03%	28	0.32%
	NC	76,008	11,906	34	0.04%	64	0.54%
<b>TOTAL</b>		<b>785,422</b>	<b>187,437</b>	<b>388</b>		<b>744</b>	

**2003 ANNUAL REPORT (Cont.)**

**D. CORRECTIVE ACTION SCHEDULED FOR 2005: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND SWITCHES/DISCONNECTS**

Division		Switches or Disconnects OH UG		Corrective Action Scheduled 2005			
				OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	6,741	5,162	3	0.04%	11	0.21%
	SF	3,357	5,331	1	0.03%	2	0.04%
AREA 2	DI	7,105	10,062	12	0.17%	4	0.04%
	EB	5,657	4,154	1	0.02%	1	0.02%
	MI	6,741	12,034	-	0.00%	2	0.02%
AREA 3	CC	10,378	2,513	11	0.11%	13	0.52%
	DA	5,364	5,027	-	0.00%	2	0.04%
	SJ	7,705	11,704	6	0.08%	6	0.05%
AREA 4	FR	15,220	6,613	64	0.42%	9	0.14%
	KE	8,877	6,643	2	0.02%	1	0.02%
	LP	6,542	2,101	20	0.31%	4	0.19%
AREA 5	ST	9,847	7,441	6	0.06%	2	0.03%
	YO	10,490	2,186	19	0.18%	7	0.32%
AREA 6	NV	10,181	2,374	10	0.10%	8	0.34%
	SA	5,878	5,395	3	0.05%	1	0.02%
	SI	13,548	4,653	6	0.04%	6	0.13%
AREA 7	NB	6,869	4,905	5	0.07%	1	0.02%
	NC	14,849	7,820	23	0.15%	2	0.03%
<b>TOTAL</b>		<b>155,349</b>	<b>106,118</b>	<b>192</b>		<b>82</b>	

**2003 ANNUAL REPORT (Cont.)**

**D. CORRECTIVE ACTION SCHEDULED FOR 2005: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND PROTECTIVE DEVICES**

		Protective Devices		Corrective Action Scheduled 2005			
				OH		UG	
				Number	Percent	Number	Percent
AREA 1	Division						
	PN	115	37	0	0.00%	0	0.00%
	SF	39	25	0	0.00%	0	0.00%
AREA 2	DI	142	43	0	0.00%	0	0.00%
	EB	111	18	3	2.70%	0	0.00%
	MI	147	41	1	0.68%	0	0.00%
AREA 3	CC	370	5	2	0.54%	0	0.00%
	DA	110	80	0	0.00%	0	0.00%
	SJ	140	299	0	0.00%	2	0.67%
AREA 4	FR	444	30	59	13.29%	0	0.00%
	KE	245	13	9	3.67%	1	7.69%
	LP	194	27	6	3.09%	0	0.00%
AREA 5	ST	231	32	0	0.00%	1	3.13%
	YO	486	29	7	1.44%	0	0.00%
AREA 6	NV	373	11	19	5.09%	0	0.00%
	SA	195	22	6	3.08%	1	4.55%
	SI	343	28	4	1.17%	0	0.00%
AREA 7	NB	169	7	0	0.00%	0	0.00%
	NC	451	71	57	12.64%	0	0.00%
<b>TOTAL</b>		<b>4,305</b>	<b>818</b>	<b>173</b>		<b>5</b>	



**2003 ANNUAL REPORT (Cont.)**

**D. CORRECTIVE ACTION SCHEDULED FOR 2005: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND VOLTAGE REGULATION**

		Voltage Regulation		Corrective Action Scheduled 2005			
		OH	UG	OH		UG	
Division		OH	UG	Number	Percent	Number	Percent
AREA 1	PN	639	8	0	0.00%	0	0.00%
	SF	394	2	0	0.00%	0	0.00%
AREA 2	DI	531	10	4	0.75%	0	0.00%
	EB	460	0	1	0.22%	0	0.00%
	MI	712	74	3	0.42%	0	0.00%
AREA 3	CC	814	10	0	0.00%	0	0.00%
	DA	457	1	0	0.00%	0	0.00%
	SJ	694	55	1	0.14%	0	0.00%
AREA 4	FR	2,008	17	1	0.05%	0	0.00%
	KE	1,345	5	3	0.22%	0	0.00%
	LP	699	10	13	1.86%	1	10.00%
AREA 5	ST	1,075	7	1	0.09%	0	0.00%
	YO	1,458	1	0	0.00%	0	0.00%
AREA 6	NV	1,272	3	3	0.24%	0	0.00%
	SA	940	23	1	0.11%	0	0.00%
	SI	1,136	24	2	0.18%	0	0.00%
AREA 7	NB	496	4	1	0.20%	0	0.00%
	NC	1,218	11	9	0.74%	0	0.00%
<b>TOTAL</b>		<b>16,348</b>	<b>265</b>	<b>43</b>		<b>1</b>	

**2003 ANNUAL REPORT (Cont.)**

**D. CORRECTIVE ACTION SCHEDULED FOR 2005: (continued)**

**AGGREGATED BY DIVISION – OVERHEAD AND UNDERGROUND  
CONDUCTORS/CABLE<sup>13</sup>**

Division		Conductors and Cables OH UG		Corrective Action Scheduled 2005			
				OH		UG	
				Number	Percent	Number	Percent
AREA 1	PN	<i>Data Not Available</i>		98	N/A	46	N/A
	SF			42	N/A	11	N/A
AREA 2	DI	<i>Data Not Available</i>		245	N/A	184	N/A
	EB			680	N/A	157	N/A
	MI			373	N/A	82	N/A
AREA 3	CC	<i>Data Not Available</i>		496	N/A	202	N/A
	DA			486	N/A	90	N/A
	SJ			97	N/A	380	N/A
AREA 4	FR	<i>Data Not Available</i>		1,349	N/A	119	N/A
	KE			1,155	N/A	70	N/A
	LP			715	N/A	137	N/A
AREA 5	ST	<i>Data Not Available</i>		224	N/A	31	N/A
	YO			1,111	N/A	198	N/A
AREA 6	NV	<i>Data Not Available</i>		2,200	N/A	104	N/A
	SA			206	N/A	22	N/A
	SI			2,017	N/A	208	N/A
AREA 7	NB	<i>Data Not Available</i>		389	N/A	142	N/A
	NC			1,221	N/A	306	N/A
<b>TOTAL</b>				<b>13,104</b>		<b>2,489</b>	

<sup>13</sup> PG&E's database does not track overhead and underground conductor and cable by quantity of conductor and cable.

**2003 ANNUAL REPORT (Cont.)**

**IV. WOOD POLES**

**A. INTRUSIVE INSPECTIONS:**

Division		Wood Poles Scheduled for Inspection excluding prior years <sup>14</sup>	Total Wood Poles Inspected in 2003	Wood Poles Scheduled in 2003 but not Inspected	Reason Inspection was not Completed	Date Inspection Will be Completed <sup>15</sup>
AREA 1	PN	0	0	0		
	SF	0	0	0		
AREA 2	DI	0	0	0		
	EB	0	0	0		
	MI	0	0	0		
AREA 3	CC	0	0	0		
	DA	0	0	0		
	SJ	0	0	0		
AREA 4	FR	0	51,221	0		
	KE	0	0	0		
	LP	0	0	0		
AREA 5	ST	97,904	9,783	88,121	Schedule was modified to accommodate the 10-year Pole Test & Treat Program.	12/31/04
	YO	121,000	74,060	46,940		
AREA 6	NV	0	1,349	0		
	SA	0	0	0		
	SI	0	0	0		
AREA 7	NB	27,348	27,348	0		
	NC	0	36,354	0		
<b>TOTAL</b>		<b>246,252</b>	<b>200,115</b>	<b>135,061</b>		

<sup>14</sup> Table does not include poles that have been re-scheduled from prior years.

<sup>15</sup> Represents the latest date that any condition in the respective category is scheduled for completion. Conditions may be corrected earlier than indicated.

**2003 ANNUAL REPORT (Cont.)**

**B. IDENTIFIED CONDITIONS, WOOD POLES, IN 2003:**

Abnormal conditions under “Corrective Action Required” column include conditions identified only in 2003. Wood pole corrective conditions include those from all sources of identification and not exclusively the intrusive inspections.

The values in the “Estimated Quantity” column represent the estimated number of wood poles in the electric distribution system.

Division		EST QTY Number of Wood Poles	Corrective Action Required				No Corrective Action Required From Assessments Conducted in 2003	
			Grade 1		Grade 2		Number	Percent
			Number	Percent	Number	Percent		
AREA 1	PN	66,607	32	0.05%	474	0.71%	66,101	99.24%
	SF	34,794	39	0.11%	279	0.80%	34,476	99.09%
AREA 2	DI	62,059	48	0.08%	349	0.56%	61,662	99.36%
	EB	61,935	39	0.06%	178	0.29%	61,718	99.65%
	MI	61,530	50	0.08%	488	0.79%	60,992	99.13%
AREA 3	CC	133,993	99	0.07%	728	0.54%	133,166	99.38%
	DA	48,877	34	0.07%	425	0.87%	48,418	99.06%
	SJ	64,760	70	0.11%	425	0.66%	64,265	99.24%
AREA 4	FR	264,474	359	0.14%	3,542	1.34%	260,573	98.52%
	KE	138,914	107	0.08%	4,858	3.50%	133,949	96.43%
	LP	102,361	38	0.04%	558	0.55%	101,765	99.42%
AREA 5	ST	153,368	126	0.08%	816	0.53%	152,426	99.39%
	YO	209,175	198	0.09%	1,886	0.90%	207,091	99.00%
AREA 6	NV	216,147	158	0.07%	4,383	2.03%	211,606	97.90%
	SA	109,264	113	0.10%	458	0.42%	108,693	99.48%
	SI	215,522	111	0.05%	520	0.24%	214,891	99.71%
AREA 7	NB	77,173	87	0.11%	2,889	3.74%	74,197	96.14%
	NC	212,354	212	0.10%	4,585	2.16%	207,557	97.74%
<b>TOTAL</b>		<b>2,233,307</b>	<b>1,920</b>		<b>27,841</b>		<b>2,203,546</b>	

**2003 ANNUAL REPORT (Cont.)**

**C. CORRECTIVE ACTION SCHEDULED, WOOD POLES, FOR 2003:**

Abnormal conditions in the “Conditions Scheduled for Correction” column were identified in year 2003 and prior years. A facility reported as corrected may have been repaired, replaced, cleaned, adjusted, removed, re-evaluated or received other appropriate action.

Division		Wood Poles Conditions Scheduled for Correction	Number of Facilities			
			Corrected		Not Corrected	
			Number	Percent	Number	Percent
AREA 1	PN	460	460	100%	0	0%
	SF	317	317	100%	0	0%
AREA 2	DI	806	806	100%	0	0%
	EB	167	167	100%	0	0%
	MI	360	360	100%	0	0%
AREA 3	CC	213	213	100%	0	0%
	DA	310	310	100%	0	0%
	SJ	144	144	100%	0	0%
AREA 4	FR	1,169	1,169	100%	0	0%
	KE	3,592	3,592	100%	0	0%
	LP	249	249	100%	0	0%
AREA 5	ST	770	770	100%	0	0%
	YO	1,009	1,009	100%	0	0%
AREA 6	NV	2,670	2,670	100%	0	0%
	SA	425	425	100%	0	0%
	SI	1,111	1,111	100%	0	0%
AREA 7	NB	1,401	1,401	100%	0	0%
	NC	2,593	2,593	100%	0	0%
<b>TOTAL</b>		<b>17,766</b>	<b>17,766</b>	<b>100%</b>	<b>0</b>	<b>0%</b>

**2003 ANNUAL REPORT (Cont.)**

**D. CORRECTIVE ACTION SCHEDULED, WOOD POLES, FOR 2004:**

Abnormal conditions in the “Corrective Action Scheduled for 2004” column were identified in year 2003 and prior years.

Division		EST QTY Wood Poles	Corrective Action Scheduled for 2004	
			Number	Percent
AREA 1	PN	66,607	487	0.73%
	SF	34,794	491	1.41%
AREA 2	DI	62,059	349	0.56%
	EB	61,935	318	0.51%
	MI	61,530	287	0.47%
AREA 3	CC	133,993	411	0.31%
	DA	48,877	107	0.22%
	SJ	64,760	203	0.31%
AREA 4	FR	264,474	917	0.35%
	KE	138,914	390	0.28%
	LP	102,361	479	0.47%
AREA 5	ST	153,368	606	0.40%
	YO	209,175	760	0.36%
AREA 6	NV	216,147	732	0.34%
	SA	109,264	942	0.86%
	SI	215,522	1,437	0.67%
AREA 7	NB	77,173	461	0.60%
	NC	212,354	1,985	0.93%
<b>TOTAL</b>		<b>2,233,307</b>	<b>11,362</b>	

**2003 ANNUAL REPORT (Cont.)**

**E. CORRECTIVE ACTION SCHEDULED, WOOD POLES, FOR 2005:**

Abnormal conditions in the “Corrective Action Scheduled for 2005” column were identified in year 2003 and prior years.

Division		EST QTY Wood Poles	Corrective Action Scheduled for 2005	
			Number	Percent
AREA 1	PN	66,607	259	0.39%
	SF	34,794	585	1.68%
AREA 2	DI	62,059	1,103	1.78%
	EB	61,935	742	1.20%
	MI	61,530	1,266	2.06%
AREA 3	CC	133,993	1,400	1.04%
	DA	48,877	474	0.97%
	SJ	64,760	536	0.83%
AREA 4	FR	264,474	1,958	0.74%
	KE	138,914	3,398	2.45%
	LP	102,361	3,067	3.00%
AREA 5	ST	153,368	1,030	0.67%
	YO	209,175	590	0.28%
AREA 6	NV	216,147	1,680	0.78%
	SA	109,264	470	0.43%
	SI	215,522	512	0.24%
AREA 7	NB	77,173	1,243	1.61%
	NC	212,354	4,468	2.10%
<b>TOTAL</b>		<b>2,233,307</b>	<b>24,781</b>	

**2003 ANNUAL REPORT (Cont.)**

**F. CORRECTIVE ACTION SCHEDULED, WOOD POLES, FOR 2006:**

Abnormal conditions in the “Corrective Action Scheduled for 2006” column were identified in year 2003 and prior years.

Division		EST QTY Wood Poles	Corrective Action Scheduled for 2006	
			Number	Percent
AREA 1	PN	66,607	142	0.21%
	SF	34,794	256	0.74%
AREA 2	DI	62,059	367	0.59%
	EB	61,935	468	0.76%
	MI	61,530	326	0.53%
AREA 3	CC	133,993	2,667	1.99%
	DA	48,877	806	1.65%
	SJ	64,760	53	0.08%
AREA 4	FR	264,474	1,744	0.66%
	KE	138,914	2,667	1.92%
	LP	102,361	644	0.63%
AREA 5	ST	153,368	1,336	0.87%
	YO	209,175	968	0.46%
AREA 6	NV	216,147	2,067	0.96%
	SA	109,264	382	0.35%
	SI	215,522	951	0.44%
AREA 7	NB	77,173	505	0.65%
	NC	212,354	1,747	0.82%
<b>TOTAL</b>		<b>2,233,307</b>	<b>18,096</b>	



**2003 ANNUAL REPORT (Cont.)**

**G. CORRECTIVE ACTION SCHEDULED, WOOD POLES, FOR 2007:**

Abnormal conditions in the “Corrective Action Scheduled for 2007” column were identified in year 2003 and prior years.

Division		EST QTY Wood Poles	Corrective Action Scheduled for 2007	
			Number	Percent
AREA 1	PN	66,607	44	0.07%
	SF	34,794	7	0.02%
AREA 2	DI	62,059	10	0.02%
	EB	61,935	32	0.05%
	MI	61,530	310	0.50%
AREA 3	CC	133,993	39	0.03%
	DA	48,877	54	0.11%
	SJ	64,760	295	0.46%
AREA 4	FR	264,474	6,667	2.52%
	KE	138,914	99	0.07%
	LP	102,361	128	0.13%
AREA 5	ST	153,368	709	0.46%
	YO	209,175	407	0.19%
AREA 6	NV	216,147	935	0.43%
	SA	109,264	157	0.14%
	SI	215,522	45	0.02%
AREA 7	NB	77,173	2,233	2.89%
	NC	212,354	972	0.46%
<b>TOTAL</b>		<b>2,233,307</b>	<b>13,143</b>	

**2003 ANNUAL REPORT (Cont.)**

**H. CORRECTIVE ACTION SCHEDULED, WOOD POLES, FOR 2008:**

Abnormal conditions in the “Corrective Action Scheduled for 2008” column were identified in year 2003 and prior years.

Division		EST QTY Wood Poles	Corrective Action Scheduled for 2008	
			Number	Percent
AREA 1	PN	66,607	13	0.02%
	SF	34,794	2	0.01%
AREA 2	DI	62,059	1	0.00%
	EB	61,935	44	0.07%
	MI	61,530	12	0.02%
AREA 3	CC	133,993	29	0.02%
	DA	48,877	307	0.63%
	SJ	64,760	150	0.23%
AREA 4	FR	264,474	4,402	1.66%
	KE	138,914	1,169	0.84%
	LP	102,361	87	0.08%
AREA 5	ST	153,368	222	0.14%
	YO	209,175	282	0.13%
AREA 6	NV	216,147	1,925	0.89%
	SA	109,264	59	0.05%
	SI	215,522	29	0.01%
AREA 7	NB	77,173	2,009	2.60%
	NC	212,354	2,552	1.20%
<b>TOTAL</b>		<b>2,233,307</b>	<b>13,294</b>	

**2003 ANNUAL REPORT (Cont.)**

**I. CORRECTIVE ACTION SCHEDULED, WOOD POLES, FOR 2009:**

Abnormal conditions in the “Corrective Action Scheduled for 2009” column were identified in year 2003 and prior years.

Division		EST QTY Wood Poles	Corrective Action Scheduled for 2009	
			Number	Percent
AREA 1	PN	66,607	2	0.00%
	SF	34,794	13	0.04%
AREA 2	DI	62,059	11	0.02%
	EB	61,935	11	0.02%
	MI	61,530	10	0.02%
AREA 3	CC	133,993	8	0.01%
	DA	48,877	281	0.57%
	SJ	64,760	363	0.56%
AREA 4	FR	264,474	631	0.24%
	KE	138,914	531	0.38%
	LP	102,361	188	0.18%
AREA 5	ST	153,368	600	0.39%
	YO	209,175	1,269	0.61%
AREA 6	NV	216,147	1,149	0.53%
	SA	109,264	0	0.00%
	SI	215,522	2	0.00%
AREA 7	NB	77,173	556	0.72%
	NC	212,354	524	0.25%
<b>TOTAL</b>		<b>2,233,307</b>	<b>6,149</b>	

VERIFICATION

I, the undersigned, say:

I am an officer of PACIFIC GAS AND ELECTRIC COMPANY, a corporation, and am authorized to make this verification for and on behalf of said corporation, and I make this verification for the following reason: I have read the foregoing "*PACIFIC GAS AND ELECTRIC COMPANY GENERAL ORDER 165 COMPLIANCE PLAN FOR 2005 AND ANNUAL COMPLIANCE REPORT FOR 2003 SUBMITTED PURSUANT TO CPUC DECISION NO. 97-03-070*" and I am informed and believe the matters therein are true and on that ground I allege that the matters stated therein are true.

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

Executed at San Francisco, California, this 1<sup>st</sup> day of July, 2004.

/s/

---

JEFFREY D. BUTLER  
Senior Vice President  
Transmission and Distribution

## CERTIFICATE OF SERVICE

I, the undersigned, state that I am a citizen of the United States and am employed in the City and County of San Francisco; that I am over the age of eighteen (18) years and not a party to the within cause; and that my business address is Pacific Gas and Electric Company, Law Department B30A, 77 Beale Street, San Francisco, California 94105.

I am readily familiar with the business practice of Pacific Gas and Electric Company for collection and processing of correspondence for mailing with the United States Postal Service. In the ordinary course of business, correspondence is deposited with the United States Postal Service the same day it is submitted for mailing.

On the 1<sup>st</sup> day of July, 2004, I served a true copy of the foregoing document (*Pacific Gas and Electric Company General Order 165 Compliance Plan for 2005 and Annual Compliance Report for 2003 Submitted Pursuant to CPUC Decision No. 97-03-070*) by placing it for collection and mailing, in the course of ordinary business practice, with other correspondence of Pacific Gas and Electric Company, enclosed in a sealed envelope, with postage fully prepaid, addressed to:

**Parties on CPUC Official Service List R.96-11-004.**

I certify and declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed on the 1st day of July, 2004.

\_\_\_\_\_  
/s/  
Gerianne M. Johnson

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Last Update on 22-MAR-2004 by: DYK  
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