Wesley Franklin - Executive Director California Public Utilities Commission 505 Van Ness Avenue, Room 5222 San Francisco, California 94102-3298

RE: PacifiCorp's (U901-E) Plan for Inspections, Record Keeping, and Reporting D.97-03-070
I.95-02-015/R.96-11-004

As required by California D.97-03-070, Appendix A, dated March 31, 1997, PacifiCorp provides six copies of the attached Plan for Inspections, Record Keeping, and Reporting. In addition, an electronic copy has been e-mailed to Wade McCartney @ WSM@cpuc.ca.gov.

Should you have any questions regarding this report, please contact Jack Vranish, Asset Programs Director, at (503) 813-6885.

Respectfully submitted on behalf of PacifiCorp.

By: Paul Capell Director, Asset Performance 825 NE Multnomah Portland, Oregon 97201 Phone (503) 813-5334 FAX (503) 813-6893

#### Enclosure

c: Wade McCartney, Energy Division, via email Brian Schumacher, Energy Division

bc: J. Payne, C. Omohundro - 800 LCT A. Nelson, C. Rockney - Portland Business Center

### BEFORE THE PUBLIC UTILITES COMMISSION OF THE STATE OF CALIFORNIA

Commission Order Instituting Investigation	ı)	
into the rates, charges, services, and	)	I.95-02-015
practices of Pacific Gas and Electric	)	(Filed February 22, 1995)
Company. (U 39 M)	)	
Order Instituting Rulemaking for electric	_)	R.96-11-004
distribution facility standard setting.	)	(Filed November 8, 1996)

## PACIFICORP'S (U901-E) IMPLEMENTATION PLAN FOR INSPECTIONS USING INDICES SET FORTH IN APPENDIX A OF D.97-03-070

FOR CALENDAR YEAR 2002

# PacifiCorp Inspection and Maintenance Programs California 2002

The attached sheets demonstrate the status of 2002 Inspections, Conditions found and Corrections in the state of California for PacifiCorp owned facilities. PacifiCorp has four districts in California: Tulelake, Alturas, Crescent City and Yreka/Mt. Shasta.

#### **Inspections**

Inspections of poles and equipment were completed in 2002 for Urban & Rural Patrol, Detail and Intrusive inspection types. The information includes the type of equipment, the plan for each inspection category and the actuals of the inspection plan.

#### Conditions

Conditions found by the inspections were rated as either A or B priority, with A priority requiring more immediate action than B priority conditions. All A priority conditions will be completed as soon as possible but in no case later than 12/31/2003. The B priority conditions found in 2002 will be corrected by 12/31/2003.

The report outlines the following requirements aggregated by district:

- number of conditions found in 2002;
- number of conditions corrected as of December 31, 2002;
- number of conditions outstanding as of December 31, 2002;
- the final date outstanding conditions will be corrected by.

Dated in Portland, Oregon this 6th day of June 2003.

Respectfully Submitted,

Paul Capell Director, Asset Performance 825 NE Multnomah Portland, Oregon 97201 Phone (503) 813-5334 FAX (503) 813-689

### TABLE A-1 2002 GENERAL ORDER 165 ANNUAL REPORT

Reporting Period: 01/01/02 - 12/31/02

#### **PacifiCorp Wood Pole Inspections**

	NO. OF F	ACILITIES		INSPECTION TYPE							
DISTRICT	Distribution Poles	Transmission Poles	O/H Safety (Patrol)	% Comp.	O/H Detail	% Comp.	O/H Test & Treat (Intrusive)	% Comp.			
Inspection Cycle			2 Yrs	50%	5 Yrs	20%	10 Yrs	10%			
Tulelake	13,485	1,713	7,143	47%	1,332	9%	1,332	9%			
Alturas	3,826	1,123	2,882	58%	1,329	27%	1,329	27%			
Crescent City	9,533	460	3,770	38%	2,144	21%	653	7%			
Yreka/Mt. Shasta	33,745	1,620	23,396	69%	6,940	20%	3,151	9%			
Main Grid		2,317	1,472	64%	1,472	64%	0	0%			
California Totals	60,589	7,233	38,663	57%	13,217	19%	6,465	10%			

#### TABLE A-2 2002 GENERAL ORDER 165 ANNUAL REPORT

Reporting Period: 01/01/02- 12/31/02

#### **PacifiCorp Line Equipment Inspections**

District/Equipment	Time	QTY	Safety (Patrol) Rural (1)			Detailed Rural (1)			
	Туре	QIT	Plan <sup>(2)</sup>	Actual	% Complete	Plan <sup>(2)</sup>	Actual	% Complete	
			2 Yrs		50%	4 or 5 Yrs		20-25%	
Tulelake									
Transformers	Overhead	2589	1,295			518			
Switch/Protect Device	Overhead	596	298	1,534	47%	119	286	9%	
Regs/Caps	Overhead	78	39			16			
All	Pad Mounted	216				54	0	0%	
Total			1,632	1,534		707	286	8%	
Alturas									
Transformers	Overhead	1033	517			207			
Switch/Protect Device	Overhead	706	353	1,013	58%	141	467	27%	
Regs/Caps	Overhead	1	1			0			
All	Pad Mounted	177				44	0	0%	
Total			870	1,013		392	467	24%	
Crescent City									
Transformers	Overhead	3461	1,731			692			
Switch/Protect Device	Overhead	706	353	1,573	38%	141	895	21%	
Regs/Caps	Overhead	3	2			1			
All	Pad Mounted	2739				685	37	1%	
Total			2,085	1,573		1,519	932	13%	
Yreka/Mt. Shasta			,	,		,			
Transformers	Overhead	7172	3,586			1,434	1,508	20%	
Switch/Protect Device	Overhead	485	243	5,330	69%	97			
Regs/Caps	Overhead	30	15			6			
All	Pad Mounted	1898				475	520	27%	
Total			3,844	5,330		2,012	2,028	21%	
California Totals						,			
Transformers	Overhead	14,255	7,128	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		2,851	3,156	19%	
Switch/Protect Device	Overhead	2,493	1,247	9,450	56%	499			
Regs/Caps	Overhead	112	56			22			
All	Pad Mounted	5,030				1,258	557	11%	

#### NOTES:

1. PacifiCorp has no Urban area in its California service territory.
Urban is defined as those areas with a population of more than 1,000 persons per square mile and Rural as those with a population less than 1,000 persons per square mile as determined by the U.S. Bureau of the Census.

2001 results are:

7.0 persons/sq.mi. Siskiyou County (Tulelake, Yreka, Mt. Shasta)

27.3 persons/sq.mi. Del Norte County (Crescent City)

2.4 persons/sq.mi. Modoc County (Alturas)

2. Planned inspection cycles: Patrol Overhead 2 years 5 years
Pad Mounted 4 years

- 3. Due to calendar year reporting vs. fiscal year operations, some variances to plan are artifacts of timing differences.
- 4. Device counts for overhead equipment are from mapping records, with the exception of Yreka where digitized maps are not yet available. Line inspections include an inspection of all equipment on the line, therefore inspection percentages for overhead equipment is calculated at the same percentage as poles inspected.

## TABLE B-1 2002 GENERAL ORDER 165 ANNUAL REPORT

Reporting Period: 01/01/02 - 12/31/02

#### **PacifiCorp Wood Pole Conditions**

DISTRICT	CONDITIO	NS FOUND		ITIONS ECTED		ITIONS ANDING	REASON WHY CORRECTION IS OUTSTANDING	DATE CORRECTION WILL BE	
	Α	В	Α	В	Α	В		COMPLETED BY	
Tulelake	19	37	3	114	16	27	Scheduled in next calendar year	12/31/2003	
Alturas	36	58	9	25	11	47	Scheduled in next calendar year	12/31/2003	
Crescent City	0	90	1	14	0	83	Scheduled in next calendar year	12/31/2003	
Yreka/Mt. Shasta	98	231	57	138	87	217	Scheduled in next calendar year	12/31/2003	

California Total 153 416 70 291 114 374

#### **PacifiCorp Street Light Conditions**

DISTRICT	CONDITIO	NS FOUND		ITIONS ECTED		ITIONS ANDING	REASON WHY CORRECTION IS OUTSTANDING	DATE CORRECTION WILL BE COMPLETED BY	
	Α	В	Α	В	Α	В			
Tulelake	0	0	0	1	0	23	Scheduled in next calendar year.	12/31/2003	
Alturas	0	0		0	0	10	Scheduled in next calendar year.	12/31/2003	
Crescent City	0	0	0	2	0	0			
Yreka/Mt. Shasta	0	0	0	20	0	0			

California Total 0 0 0 23 0 33

### TABLE B-2 2002 GENERAL ORDER 165 ANNUAL REPORT

Reporting Period: 01/01/02 - 12/31/02

#### **PacifiCorp Equipment Conditions**

DISTRICT	Туре	CONDITION RATING FOUND		CORRECTIVE ACTIONS COMPLETED		CONDITIONS OUTSTANDING		REASON WHY CORRECTION IS OUTSTANDING	DATE CORRECTION WILL BE COMPLETED BY
		Α	В	Α	В	Α	В		
Tulelake									
Transformers	Overhead	0	0	0	1	0	0		
Switch/Protect Device	Overhead	0	1	0	0	0	4	Scheduled next calendar year.	12/31/2003
Regs/Caps	Overhead	0	0	0	0	0	0		
All	Padmounted	0	0	0	0	0	0		
Alturas									
Transformers	Overhead	0	2	0	0	0	2	Scheduled next calendar year	12/31/2003
Switch/Protect Device	Overhead	0	1	0	1	0	0		
Regs/Caps	Overhead	0	0	0	0	0	0		
All	Padmounted	0	0	0	0	0	0		
Crescent City									
Transformers	Overhead	0	1	0	1	0	0		
Switch/Protect Device	Overhead	0	5	0	1	0	5	Scheduled next calendar year	12/31/2003
Regs/Caps	Overhead	0	0	0	0	0	0		
All	Padmounted	0	6	0	3	0	6	Scheduled next calendar year	12/31/2003
Yreka/Mt. Shasta									
Transformers	Overhead	1	3	0	13	0	2	Scheduled next calendar year	12/30/2003
Switch/Protect Device	Overhead	2	31	2	42	0	7	Scheduled next calendar year	12/31/2003
Regs/Caps	Overhead	0	0	1	0	0	0		
All	Padmounted	0	5	0	4	0	1	Scheduled next calendar year	12/31/2003
CA Total									
Transformers	Overhead	1	6	0	15	0	4		
Switch/Protect Device	Overhead	2	38	2	44	0	16		
Regs/Caps	Overhead	0	0	1	0	0	0		
All	Padmounted	0	11	0	7	0	7		
California Totals		3	55	3	66	0	27	-	