ENCLOSURE

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## INSERVICE INSPECTION REPORT FOR THE UNIT 1 SIXTH REFUELING OUTAGE

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**Diablo Canyon Power Plant** 

Unit 1

USNRC Docket No. 50-275

### **Operating License No. DPR-80**

**Commercial Operation Date, May 7, 1985** Ener 1 . K **Prepared By:** David L. Wilson ISI Specialist James A. Keene Documentation Specialist **Reviewed By:** Michael E. Leger ISI Supervisor **Approved By:** Christopher R. Groff Plant Engineering Director

This report is submitted as required by ASME Boiler and Pressure Vessel Code, Section XI, To the United States Nuclear Regulatory Commission.

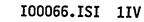
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SECTION		TITLE		
Α.	Introduction			
Β.		ASME Code Data Report Form NIS-1 (Basis of Summary)		
	1. 2.	Class 1 Class 2		
C.	Class 1	Components		
	1.	Vessels		
		a. Reactor Vessel b. Pressurizer c. Steam Generators	TABLE 1.1 1.2 1.3	
	2. 3. 4. 5.	Piping Pumps Valves Piping Supports	1.4 1.5 1.6 1.7	
D.	Class 2	Components		
	1. 2. 3. 4.	Vessels Piping Pumps Piping Supports	2.1 2.2 2.3 2.4	
Ε.	System I	Pressure Tests	5.2	
F.	Preserv	ice Inspection Items		
G.	Repairs	and Replacements		
	1.	ASME Code Data Report For (Indexed by system)	m NIS-2	
H.	Piping W	lelds Having Limited Acces	sibility	

1. Update of Inservice Inspection Program Relief Request NDE-008





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INTRODUCTION

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#### **SECTION A**



#### **INTRODUCTION**

Inservice inspection (ISI) of scheduled ASME Section XI Class 1 and 2 components and their supports at Pacific Gas and Electric Company's Diablo Canyon Power Plant (DCPP) Unit 1 was completed during the sixth refueling outage from March through May, 1994. The DCPP Unit 1 sixth refueling outage (1R6) was the second outage in the third period within the first 10-year ISI interval.

This report is submitted as required by ASME Section XI, paragraph IWA-6220, and is organized in several sections. A summary of 1R6 ISI results is provided below. Section B contains the competed ASME Code Data Report Form NIS-1 for Class 1 and 2 components. Sections C and D detail the Class 1 and 2 examinations performed, date of examination (for group items or for more than one type of examination performed, the date provided is the most recent examination date), any unusual conditions noted, corrective actions if required, and explanatory remarks.

System pressure tests on Class 1 and 2 systems conducted during 1R6 are reported in Section E.

Preservice inspections were performed on certain components, as required after repairs or replacements. These items are detailed in section F.

Section G of this report, Repairs and Replacements, contains the completed ASME Code Data Report Form NIS-2 for those 1R6 work activities completed prior to June 22, 1994 and for any pre-1R6 work packages closed after December 15, 1992. NIS-2 reports for 1R6 work packages which are closed after June 22, 1994 will be included in the next outage report. Corrective actions and work order package documentation are on file at DCPP and are referenced by work order number in the NIS-2 reports.

As required by relief request NDE-008, Section H of this report provides a list of Class 1 and 2 pipe welds having limited accessibility to NDE, a description of the obstruction, basis for the limitation, and percentage of weld accessibility based on the refueling outage examination results. Section H updates NDE-008 of the Unit 1 ISI Program Plan, Revision 8. Seven (7) limited accessible welds have been added to relief request NDE-008 as a result of the sixth refueling outage examinations and subsequent to the NRC SER dated September 21, 1992. Therefore, NRC approval is required for PG&E to credit limited examinations of the following welds: WIB-RC-1-18SE, WIB-RC-2-20SE, WIB RC-3-18SE, WIB-RC-4-18SE, WIB-RC-2-20, WIB-RC-3-13, WIB-RC-4-13. These welds are required to be inspected once every 10 years. To ensure compliance with the periodic inspection schedule provided in ASME Section XI Table IWB-2412-1, NRC approval of these welds for inclusion into the relief request NDE-008 is required prior to the end of the third 3-1/3 year period (plus one-year extension), i.e., by May 7, 1996. The ISI Program Plan will be revised to incorporate updated NDE-008 following NRC approval. - ,

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#### SUMMARY OF 1R6 ISI ASSOCIATED ACTIVITIES

Eddy Current examinations were performed on all steam generator heat exchanger tubes. A total of 68 steam generator tubes required plugging as a result of these examinations.

Steam generator feed water piping was replaced on all four steam generators, between the inlet nozzle and the first upstream elbow using a forged fitting designed to eliminate thermal sleeve leading edge erosion.

Much of the RTD Bypass piping was eliminated and new thermal wells were installed in the RCS piping.

A rejectable surface indication was detected in a 1.5 inch Class 1 socket weld, WIB-71. An expanded scope examination was performed on 10 additional socket welds. No recordable indications were observed during the expanded scope examinations.

Rejectable indications were observed on one steam generator outlet nozzle during MT examinations. These indications were ground out. An expanded scope examination was performed on the three remaining nozzles. No recordable indications were observed in the three other nozzles.

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Section B

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ASME Code Data Report Form NIS-1





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## FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

## As required by the Provisions of the ASME Code Rules

1. Owner	Pacific	Gas	& E1	lectric	Company,	77	Beale	,	San	Francisco,	_CA_	_ <u>94106</u>
			-	(Nam	e and Addres	s of	Owner)					

2. Plant \_\_\_\_\_ Diablo Canyon, P.O. Box 56, Avila Beach, CA 93424 (Name and Address of Plant)

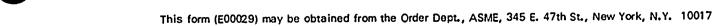
3. Plant Unit \_\_\_\_\_\_ 0ne \_\_\_\_\_4. Owner Certificate of Authorization (if required) \_\_\_\_\_\_ N/A

5. Commercial Service Date 05/07/85 6. National Board Number for Unit \_\_\_\_\_ N/A\_\_\_\_

7. Components inspected ASME CODE CLASS 1 ITEMS

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Provinc <del>e</del> No.	National Board No.
Reactor Vessel	Combustion Engineering/ Westinghouse	CE 66104	11475-76	20760
Steam Gen 1-1	Westinghouse	1041	N/A	68-12
Steam Gen 1-2	Westinghouse	1042	N/A	68-13
Steam Gen 1-3	Westinghouse	1043	N/A	68-14
Steam Gen 1-4	Westinghouse	1044	N/A	68-15
Class 1 Valves	Various	N/A	N/A	N/A
Class 1 Supports	Various	N/A	N/A	N/A
Class 1 Piping	Wismer & Becker/Kellog	N/A	N/A	N/A
R. C. Pump 1-1	Westinghouse	562	N/A	N/A
R. C. Pump 1-2	Westinghouse	507	N/A	N/A
R. C. Pump 1-3	Westinghouse	508	N/A	N/A
Pressurizer	Westinghouse	1051	N/A	68-30

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is  $8\frac{1}{2}$  in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.



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#### FORM NIS-1 (back)

to 6th Refueling 3-94 5-94 9. Inspection Interval from \_5th 8. Examination Dates to Outage 10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. Refer to ISI Report 11. Abstract of Conditions Noted. Refer to ISI Report 12. Abstract of Corrective Measures Recommended and Taken Refer to ISI Report We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI. \_\_\_\_\_19 <u>94</u> Signed <u>PGFE</u> By \_\_\_\_\_ Plant Engineering Director Date Certificate of Authorization No. (if applicable) \_ N/A N/A Expiration Date CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of California and employed by H.S.B.I. & I. CO. of Hartford Ct. have inspected the components described in this Owners' Data Report during the period 3-94 to 5-94, and state that to the best of my knowledge and belief, the Owner \_\_\_\_, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owners' Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. \_\_\_\_ 19 <u>94</u> Date annu \_\_\_\_ Commissions \_\_ CA 1826, 9990 NB Inspector's Signature National Board, State, Province and No.



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## FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

## As required by the Provisions of the ASME Code Rules

|--|--|--|

1. Owner <u>Pacific Gas & Electric Company, 77 Beale St., San Francisco CA 94106</u> (Name and Address of Owner)

- 2. Plant \_\_\_\_\_ Diablo Canyon, P.O. Box 56, Avila Beach, CA 93424 (Name and Address of Plant)
- 3. Plant Unit \_\_\_\_\_\_ 0ne \_\_\_\_\_ 4. Owner Certificate of Authorization (if required) \_\_\_\_\_\_ N/A \_\_\_\_\_\_

5. Commercial Service Date 05/07/85 6. National Board Number for Unit \_\_\_\_\_ N/A\_\_\_\_\_

7. Components Inspected

ASME CODE CLASS 2 ITEMS

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Provinc <del>e</del> No.	National Board No.
Steam Gen. 1-1	Westinghouse	1041	N/A	68-12
Steam Gen. 1-2	Westinghouse	1042	N/A	68-13
Steam Gen. 1-4 RHR Ht. Exch.	Westinghouse Engineers And	1044	N/A	68-15
1-2 S. I. Pump	Fabricators Co.	S15588B	N/A	N/A
1-2 Class 2	Pacific Pumps	45498	N/A	N/A
Piping Class 2	M. W. Kellogg/ Pullman_Power	N/A	N/A	N/A
Piping Class 2	Various	N/A	N/A	N/A
Supports	Various	N/A	N/A	N/A
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Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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## FORM NIS-1 (back)

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	8. Examination Dates 3/94 to 5/94 9. Inspection Interval from 5th to 6th Refueling Outage
	10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. Refer to ISI Report
	11. Abstract of Conditions Noted. Refer to ISI Report
	12. Abstract of Corrective Measures Recommended and Taken Refer to ISI Report
	We certify that the statements made in this report are correct and the examinations and corrective mea- sures taken conform to the rules of the ASME Code, Section XI. Date <u>Vuly 11</u> 19 <u>94</u> Signed <u>PG + E</u> By Multiply WMA Plant Engineering Director Certificate of Authorization No. (if applicable) <u>N/A</u> Expiration Date <u>N/A</u>
ſ	CERTIFICATE OF INSERVICE INSPECTION
)	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of <u>California</u> and employed by <u>H.S.B.I.&amp; I. Co.</u> of <u>Hartford Ct.</u> <u>area to <u>5-94</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owners' Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.</u>
	Date July 14 1994 Kenny D. Ken Commissions CA 1828, NB 9990
L	Inspector's Signature National Board, State, Province and No. Kenny T. KIM

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Section C

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Class 1 Components



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THIRD PERIN ASME SECTION	OF SECOND REFUELING OUTAGE REPO ON XI SYSTEMS - CLASS 1	DRT (1R6)		-	MAJOR ITEM: <u>Reacto</u> TABLE: <u>1</u> PAGE : <u>1</u> of	.1
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM DATE
	Reactor Vessel		<u> </u>	,	<u> </u>	<u> </u>
B-G-1	<u>Pressure</u> <u>Retaining Bolting</u> (Larger Than 2-Inch Dia)				٣	
B6.10	<u>Closure Head Nuts</u>	RPV Stud <u>Nuts</u> No. 37 thru 54	MT	18 Nuts	Examined 100%	03/30/94
B6.30	<u>Closure Studs</u>	RPV Studs No. 37 thru 54	UT & MT	18 Studs	Examined 100%	03/29/94
B6.40	<u>Flange Ligaments</u> Stud Holes in Flange	Threads No. 37 thru 54	VT-1	18 Holes	Examined 100%	03/15/94
B6.50	<u>Closure Washers</u>	RPV Stud Washer No. 37 thru 54	VT-1	18 Washers	Examined 100%	03/29/94
	<u>Part Length CRDMs</u> (Bolts, Studs, & Nuts)	7 Part Length CRDMs with 6 Bolts each	VT-1	42 Bolts	Examined 100%	04/12/94
B-0	Pressure Retaining Welds in Control Rod Housings					
B14.10	Welds in CRD Housing	CRDM E-3, C-5, C-3	PT	3 Welds 360°	Examined 100%	03/16/94

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	SECOND REFUELING OUTAGE REF ON XI SYSTEMS - CLASS 1	PORT (1R6)		<u></u>	DIABLO CANYO MAJOR ITEM: <u>Pressurize</u> TABLE: <u>1.2</u> PAGE : <u>1</u> of	PLANT-UNIT 1 er
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM DATE
<u></u>	Pressurizer Vessel					
B-B	Pressure Retaining Welds in Vessels other than Reactor					
B2.11	- Circumferential -					
	Upper Course to Top Head	<u>Weld No.</u> Girth 5	UT	97 <b>"</b> 34%	98% Coverage due to Welded Pads, manway, and 1" lines.	04/04/94
B-G-1	Pressure Retaining Bolting					
B-G-2	<u>Pressure Retaining</u> <u>Bolting</u> (2 Inch Dia and less)					
87.20	Upper Head	Manway Bolting	VT-1	16 Bolts	Examined 100% , in place	03/22/94

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	CD SECOND REFUELING ON ON XI SYSTEMS - CLASS		R6)				MAJOR ITEM: <u>Steam Gen</u> TABLE: <u>1.3</u> PAGE : <u>1</u> of	erators3
CATEGORY ITEM	COMPONENT OR SYSTEM		NERAL ENTIFICATION	NDE METH	EXAMIN Amount	ATION & EXTENT	EXAM RELIEF'S & REMARKS	EXAM DATE
	Steam Generators							
B-B	<u>Pressure Retaining</u> <u>in Vessels other th</u> <u>Reactor</u> Steam Generators (Primary Side)	<u>Welds</u> an						
B2.40	Tubesheet to Head W	elds <u>We</u>	<u>1d No.</u>					
	Steam Generator 1-1 (Serial No. 1041)	Ch	annel W 1-1	UT	12'	34%	90% Coverage due to Welded Pads	04/07/94
	Steam Generator 1-4 . (Serial No. 1044)	Ch	annel W 4-1	UT	12'	34%	90% Coverage due to Welded Pads	04/06/9 <del>4</del>
B-Q	Steam Generator Tub	ing	-	ET				03/94
B16.20	U-Tube Design Steam	Generator		۵	•			
	BOBBIN COIL EXAM Extent	INATION S/G 1-1	S/G 1-2	S/6 1-3	S/G 1-4	LEG		
	TEH TO TEC	2907	2923	2922	2924	COLD		
	7C TO TEC	184	173	186	188	COLD		
	7Н ТО ТЕС	270	272	272	272	COLD		
	ITH TO TEC	16	N/A	N/A	N/A	COLD		
	ІТН ТО ТЕН	16	N/A	N/A	N/A	НОТ		
	7Н ТО ТЕН	454	445	458	460	НОТ		

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FHIRD	PER	SECOND	REFUELIN	G OUTAGE	REPORT	(1R6)
ASME S	SECTION	XI SYS	tems - cli	ASS 1		. ,

DIABLO CANYOR PLANT-UNIT 1 MAJOR ITEM: <u>Steam Generators</u> TABLE: <u>1.3</u> PAGE : <u>2 of 3</u>

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COMPONENT OR SYSTEM

Steam Generators (Cont'd)

Extent	S/G 1-1	S/G 1-2	S/G 1-3	S/G 1-4	LEG
7H TO 7C	184	173	186	188	COLD
TSH TO TSH	753	746	777	761	HOT
1H TO 1H	10	0	34	87	HOT
2H TO 2H	8	12	12	28	HOT
3H TO 3H	4	11	6	32	HOT
4H TO 4H	1	9	5	42	HOT
5H TO 5H	0	8	15	15	HOT
6H TO 6H	1	1	11	85	HOT
7H TO 7H	16	6	20	82	HOT
TSH TO TEH	17	0	0	1	HOT
ITH TO ITH	16	N/A	N/A	N/A	HOT
4H TO 3H	1	0	1	0	HOT
6H TO 5H	0	1	0	0	HOT
2H TO 1H	0	1	0	0	HOT
1H TO TSH	0	0	2	0	HOT
2H TO 1H	0	0	1	0	HOT
3H TO 2H	0	0	3	1	HOT
6H TO 5H	0	0	2	0	HOT
7H TO 6H	0	0	2	0	HOT
1C TO 1C	2	6	5	1	COLD
2C TO 2C	1	2	1	4	COLD
3C TO 3C	0	0	1	1	COLC
4C TO 4C	1 1	0	1	0	COLC
5C TO 5C	0	0	1	0	COLD
6C TO 6C	1	0	1	0	COLD
7C TO 7C	0	0	3	0	COLC
7C TO 6C	0	0	0	1	COLD
TSC TO TEC	0	0	0	1	COLD

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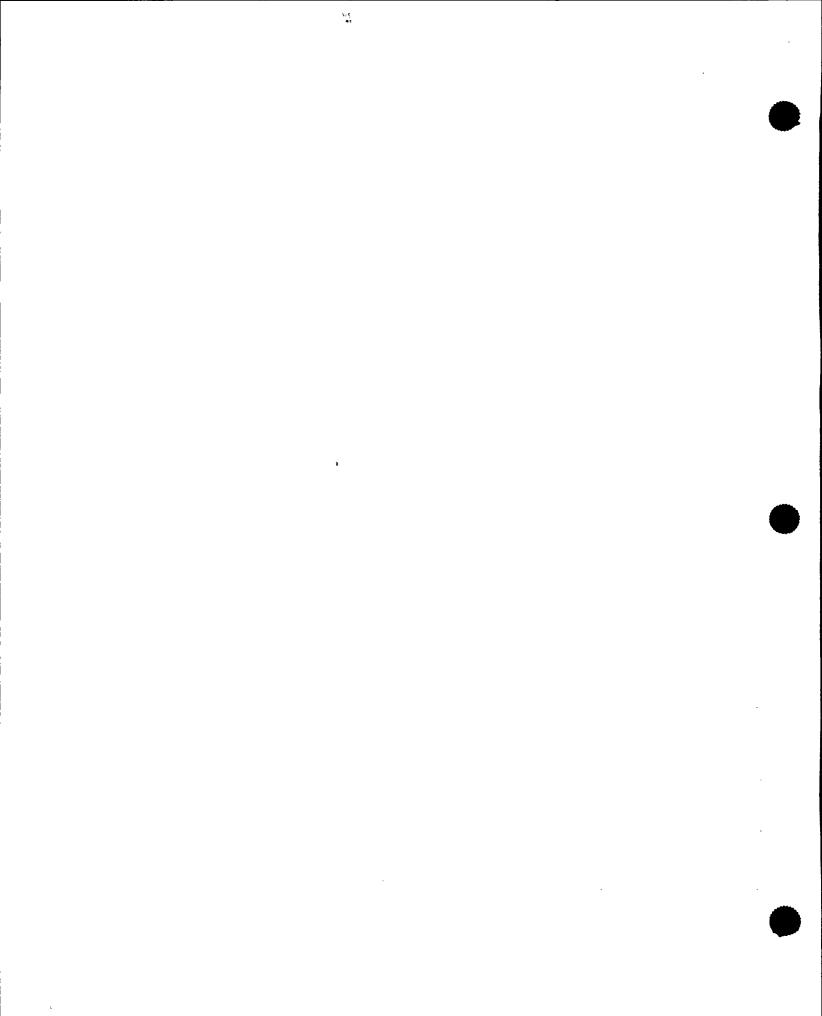
PG&E	DIABLO CANYO
THIRD PERIOD SECOND REFUELING OUTAGE REPORT (1R6)	MAJOR ITEM: <u>Steam Generators</u>
ASME SECTION XI SYSTEMS - CLASS 1	TABLE: 1.3
	PAGE : OF

ER PLANT-UNIT 1

COMPONENT OR SYSTEM

Steam Generators (Cont'd)

PLUGGED TUBES		<u> </u>			
Outage	S/G 1-1	S/G 1-2	S/G 1-3	S/G 1-4	Total
1R1 - 1R5	11	20	8	4	43
1R6 ONLY	21	36	4	7	68
Total	32	56	12	11	111



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# THIRD PERIOD SECOND REFUELING OUTAGE REPORT (1R6) ASME SECTION XI SYSTEMS - CLASS 1

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DIABLO	CANYO	ER	PLANT-UNIT	1
				-

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THIRD PERI ASME SECTI	OD SECOND REFUELING OUTAGE REPOR ON XI SYSTEMS - CLASS 1	XT (1R6)			MAJOR ITEM: <u>Piping (S.E.) Welds (B-F)</u> TABLE: <u>1.4</u> PAGE : <u>1</u> of <u>8</u>	
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S EXAM & REMARKS DATE	
B-F	<u>Pressure Retaining Dissimilar</u> Metal Welds					
B5-50	<u>Piping</u> -Safe End Welds Reactor Vessel	Weld No. & Line No.				
	Inlet Nozzle Loop 1 (7-30) [ 1.4-1 ]	WIB-RC-1-18SE *9-27.5SPL	UT	360°	WIB-RC-1-18SE (UT) 03/29 40% exam coverage due to fixed insulation near weld	5/94
	Inlet Nozzle Loop 2 (7-31) [ 1.4-2 ]	WIB-RC-2-20SE *10-27-5SPL	PT UT	360°	100% exam coverage (PT) 03/2 75% exam coverage (UT) 03/2 due to fixed insulation near weld	1/94 5/94
	Inlet Nozzle Loop 3 (7-31A) [ 1.4-3 ]	WIB-RC-3-18SE *11-27.5SPL	PT UT	360°	100% exam coverage (PT) 03/2 75% exam coverage (UT) 03/2 due to fixed insulation near weld	1/94 5/94
	Reactor Vessel Inlet Nozzle Loop 4 (7-30A) [ 1.4-4 ]	WIB-RC-4-18SE *12-27.5SPL	PT UT	360° 	100% exam coverage (PT) 03/2 75% exam coverage (UT) 03/2 due to fixed insulation near weld	

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PG&E					DIABLO CANYO	PLANT-UNIT 1
	OD SECOND REFUELING OUTAGE REPOR	T (1R6)			MAJOR ITEM: <u>Piping (S.E.) Welds</u> TABLE: <u>1.4</u> PAGE : <u>2</u> of	<u>; (B-F)</u> 8
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM DATE
B-F	<u>Pressure Retaining Dissimilar</u> <u>Metal Welds</u> (Cont'd)					
	Pressurizer	Weld No. & Line No.		-		
	Pzr Spray Line (7-9) [ 1.4-29 ]	WIB-374SE S6-15-4SPL	PT	360°	Examined 100%	04/09/94

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PG&E			6		DIABLO CANYON	R PLANT-UNIT 1
	IOD SECOND REFUELING OUTAGE REPOR ION XI SYSTEMS - CLASS 1	T (1R6)		MAJOR	TABLE: <u>1.4</u> PAGE: <u>3</u> of	
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION Amount & Extent	EXAM RELIEF'S & REMARKS	EXAM Date
B-G	<u>Piping</u>					
B-G-2	Pressure Retaining Bolting (2-Inch Dia. & Less)					
B7.50	Bolts, Studs, and Nuts	Line No.			¥	
	6-Inch Diameter Piping	Line No. <u>&amp; Valve No.</u>		Flange Bolting		
	Pressurizer RV-8010C Inlet (7-29) [ 1.4-23 ]	S6-727-6 RV-8010C	VT-1	12 Studs & 24 Nuts	Examined 100%	03/29/94
	1.5-Inch Diameter Pipe					
	Reac Cool Pp 4 Seal Wtr In (8-741) [ 1.4-45 ]	\$6-57-1.5	VT-1	4 Studs & 8 Nuts	Examined 100%	03/30/94
	Boron Inj Tk Out Loop 4 C.L. (9-212) [ 1.4-64 ]	S6-1994-1.5 FE-927	VT-1	4 Studs & 8 Nuts	Examined 100%	03/29/94

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CATEGORY ITEM

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	D SECOND REFUELING OUTAGE REPORT N XI SYSTEMS - CLASS 1	r (1R6)		MAJ	IOR ITEM: <u>Piping Welds (B-C</u> TABLE: <u>1.4</u> PAGE : <u>4</u> of	
Y	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM DATE
	<u>Circumferential Helds</u> Piping - 4-Inch and Greater					
	27.5-Inch Nom. Diameter	Line No. ISI Dwg. No.				
	Reactor Coolant Pump Disch Loop 2 (7-31)	*10-27-5SPL [ 1.4-2 ]	UT	1 Weld 360°	WIB-RC-2-20 100% (U 75% exam coverage due to weld configuration and taper	JT) 03/25/94
	Reactor Coolant Pump Disch Loop 3 (7-31A)	*11-27.5SPL [ 1.4-3 ]	PT & UT	1 Weld 360°	WIB-RC-3-13 100% (F 25% exam coverage (l due to RCP Nozzle Taper	
	Reactor Coolant Pump Disch Loop 4 (7-30A)	*12-27.5SPL [ 1.4-4 ]	PT & UT	1 Weld 360°	WIB-RC-4-13 100% (I 25% exam coverage (l due to RCP Nozzle Taper	
	14-Inch Nom. Diameter					
	Loop 4 Hot Leg Before V-8701 (10-11)	S6-1665-14SPL [ 1.4-7 ]	PT & UT	2 Welds 360°	WIB-248 Examined 100% WIB-245 Examined 100%	(PT) 03/24/94 (UT) 04/03/94 (PT) 04/24/94 (UT) 04/24/94
	6-Inch Nom. Diameter					
	Safety Inj Loop 2 Hot Leg (10-18)	S6-236-6SPL+ [ 1.4-14 ]	PT & UT	1`Weld 360°	WIB-79 Examined 100%	(PT) 03/22/94 (UT) 03/23/94

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THIRD PERI	IOD SECOND REFUELING OUTAGE REPORT	[ (1R6)		 M	AJOR ITEM: Piping Welds (E	
	ION XI SYSTEMS - CLASS 1	()			TABLE:         1.4	
					PAGE :50	f8
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM DATE
B9.11	<u>6-Inch Nom. Diameter</u> (Cont'd)	Line No. & ISI Dwg. No.			· · · · · · · · · · · · · · · · · · ·	
	RHR Pp 1-1 Inj Cold Leg 1 (9-16,17) (9-26,226)	S6-3844-6SPL [ 1.4-17 ]	PT & UT	1 Weld 360°	WIB-53 Examined 100%	(PT) 03/23/94 (UT) 03/24/94
	RHR Pp 1-1 Inj Cold Leg 2 (9-37,208)	S6-3845-6SPL [ 1.4-18 ]	PT & UT	1 Weld 360°	WIB-161 Examined 100%	(PT) 03/22/94 (UT) 03/23/94
	RHR Pp 1-2 Inj Cold Leg 4 (9-42)	S6-3847-6SPL [ 1.4-20 ]	PT & UT	1 Weld 360°	WIB-286 Examined 100%	(PT) 03/23/94 (UT) 03/24/94
	Pressurizer Inlet RV-8010A (7-27)	S6-729-6SPL+ [ 1.4-21 ]	PT & UT	1 Weld 360°	WIB-316 Examined 100%	(PT) 04/22/94 (UT) 04/23/94
	Pressurizer Inlet RV-8010B (7-28)	S6-728-6SPL+ [ 1.4-22 ]	PT & UT	1 Weld 360°	WIB-326 Examined 100%	(PT) 03/22/94 (UT) 03/31/94
	Pressurizer Power R.V. (7-25)	S6-730-6SPL [ 1.4-24 ]	PT & UT	1 Weld 360°	WIB-341 Examined 100%	. (PT) 03/22/94 (UT) 03/31/94
89.11	<u>4-Inch Nom. Diameter</u> Loop 1 Spray Line (7-6,7,8)	S6-13-4SPL	PT & UT	3 Welds 360°	WIB-403 Examined 100% WIB-408 - 100% 100% single side coverage due to valve WIB-411 - 93% coverage due to elbow intradose (100% required coverage attained	(PT) 04/09/94 (UT) 04/08/94 (PT) 03/23/94 (UT) 04/08/94 (PT) 03/23/94 (UT) 04/08/94

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THIRD PERI ASME SECTI	OD SECOND REFUELING OUTAGE REPORT ON XI SYSTEMS - CLASS 1	(1R6)	•	МА	JOR ITEM: <u>Piping Welds (B-J)</u> TABLE: <u>1.4</u> PAGE: <u>6</u> of <u>8</u>
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S EXAM & REMARKS DATE
B9.11	<u>4-Inch Nom. Diameter)</u> (Cont'd) Pressurizer Spray Line (7-9)	S6-15-4SPL [ 1.4-29 ]	PT & UT	3 Welds 360°	WIB-388 - 100% (PT) 04/18/9 90% coverage at (UT) 04/19/9 support clamp WIB-374A - 100% (PT) 04/09/9 100% single side (UT) 04/09/9 coverage due to safe end configuration WIB-381 - 100% (PT) 04/09/9 Examined 100% (UT) 04/09/9
B9.20 B9.21	(Less than 4-Inch Diameter) <u>3-Inch Nom. Diameter</u> Boron Inj Cold Leg Hdr (9-35) Letdown Line Loop 2 (7-14,15)	Line No. & <u>ISI Dwg. No.</u> S6-1995-3SPL [ 1.4-36 ] S6-24-3SPL [ 1.4-37 ]	PT PT	1 Weld 360° 1 Weld 360°	WIB-311 03/23/9 Examined 100% WIB-125A 03/22/9 Examined 100%
B9 <b>.</b> 40	Pressurizer Pwr RV* PCV-456 (7-26) Socket Welds	[ 1.4-38 ] S6-1195-3SPL [ 1.4-39 ]	PT	3 Welds 360°	WIB-449       03/22/9         Examined 100%       04/16/9         WIB-454       04/16/9         Examined 100%       03/22/9         WIB-445       03/22/9         Examined 100%       03/22/9
	2-Inch Nom. Diameter Charging Line Aux Spray (8-350,354)	S6-51-2SPL [ 1.4-40 ]	PT	4 Socket Welds 360°	WIB-39203/22/9Examined 100%03/22/9WIB-37903/22/9Examined 100%03/22/9WIB-38203/22/9Examined 100%03/22/9WIB-38803/22/9Examined 100%03/22/9

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	OD SECOND REFUELING OUTAGE REPORTION XI SYSTEMS ~ CLASS 1	МА	JOR ITEM: <u>Piping Welds (B-J)</u> TABLE: <u>1.4</u> PAGE: <u>7</u> of	8		
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM DATE
<u></u>	<u>2-Inch Nom. Diameter</u> (Cont'd)	Line No. &		-		
	SI Pps Cold Leg Loop 4 Recirc (9-216)	<u>ISI Dwg. No.</u> S6-3858-2SPL [ 1.4-55 ]	PT	2 Sockets 360°	WIB-472 Examined 100% WIB-475 Examined 100%	03/16/94 03/16/94
	1.5-Inch Nom. Diameter					
	Boron Inj Tk Out Loop 1 Cold Leg (9-212,240,231)	S6-1991-1.5SPL+ [ 1.4-64 ] [ 1.4-65 ]	РТ	2 Sockets 360°	WIB-71 Rejectable indication detected. Indication removed by grinding. See expanded SCOPE below) WIB-78 Examined 100%	03/31/94 04/29/94
	Boron Inj Tk Out Loop 4 Cold Leg (9-212,240)	S6-1994-1.5SPL [ 1.4-64 ] [ 1.4-65 ]	РТ	2 Sockets 360°	WIB-83 Examined 100% , WIB-97 Examined 100%	03/16/94 03/16/94
	EXPANDED SCOPE		-			
	Ten additional B9.40 welds wer The following welds were selec		a result of the indi	cation detected in WIB-71.		
	Boron Inj Tk Out Loop 1 Cold Leg (9-212,240,231)	S6-1991-1.5SPL+ [ 1.4-65 ] [ 1.4-65 ]	PT	2 Sockets	WIB-69 Examined 100% WIB-55 Examined 100%	04/14/94 04/14/94

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DIABLO CANYO

## THIRD PERIOD SECOND REFUELING OUTAGE REPORT (1R6)

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	OD SECOND REFUELING OUTAGE REPOR ON XI SYSTEMS - CLASS 1	MAJ	OR ITEM: <u>Piping Welds (B-J</u> TABLE: <u>1.4</u> PAGE : <u>8</u> of	8		
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM DATE
	EXPANDED SCOPE Cont'd.	Line No. & ISI Dwg. No.				
	Boron Inj Tk Out Loop 4 Cold Leg (9-212,240)	S6-1994-1.5SPL [ 1.4-64 ] [ 1.4-65 ]	РТ	1 Socket	WIB-96 Examined 100%	04/14/94
	Boron Inj Tk Out Loop 2 Cold Leg (9-210,241,228)	S6-1992-1.5SPL+ [ 1.4-67 ] [ 1.4-68 ] [ 1.4-69 ]	PT	1 Socket	WIB-207 Examined 100%	04/14/94
	Boron Inj Tk Out Loop 3 Cold Leg (9-209,239)	S6-1993-1.5SPL+ [ 1.4-70 ] [ 1.4-71 ]	PT	1 Socket	WIB-306 Examined 100%	04/14/94
	SI Pps Cold Leg Loop 4 Recirc (9-216)	S6-3858-2SPL [ 1.4-55 ]	PT	1 Socket	WIB-471 Examined 100%	04/14/94
	Safety Inj Hot Leg Loop 3 (9-218)	S6-1976-2 [ 1.4-52 ]	PT	1 Socket	WIB-429 Examined 100%	04/14/94
	Loop 4 Cold Leg Drain RCDT (7-215)	S6-961-2SPL+ [ 1.4-49 ]	PT	1 Socket	WIB-343 Examined 100%	04/14/94
	Reac Cool Pp 3 Seal Wtr In (8-376)	S6-56-2 and S6-56-1.5 [ 1.4-44 ]	PT	1 Socket	WIB~991 Examined 100%	04/14/94
	Charging Line Aux Spray (8-350,354)	S6-51-2SPL [ 1.4-40 ]	PT	1 Socket	WIB-375 Examined 100%	04/15/94

<u>RESULTS</u>: Results of additional scope examinations show no recordable indications found in the 10 additional welds.

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	OD SECOND REFUELING OUTAGE REPOR ION XI SYSTEMS - CLASS 1	₹T (1R6)			MAJOR ITEM:         Pumps (B-G-1/2)           TABLE:         1.5           PAGE :         1         of         3	
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM Date
	Pumps					
	Reactor Coolant Pumps					ļ
B-G-1	Pressure Retaining Bolting Larger than 2-Inch Dia	·				
B6.180	Bolts and Studs, <u>In Place</u> , Pump 1-2	Pump Flange Bolts No. 10 Thru No. 17	UT	8 Bolts	Examined 100%	03/31/94
B-G-2	<u>Pressure Retaining Bolting</u> (2-Inch Dia and Less)	Seal House Bolting	×			
87.60	Bolts, Studs, & Nuts Pump 1-2	Bolts	VT-1	12 Bolts	Examined 100%	03/18/94
B7.60	Bolts, Studs, & Nuts Pump 1-3	Bolts	VT-1	12 Bolts	Examined 100%	03/24/94

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	IOD SECOND REFUELING OUTAGE REPORT ION XI SYSTEMS - CLASS 1	MAJOR ITEM: <u>Pumps (B-K-1)(B-K-2)</u> TABLE: <u>1.5</u> PAGE : <u>2</u> of <u>3</u>				
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM Date
B-K-1	Support Members				•	
	Integrally Welded Attachments (To Pressure Bound.)					
B10.20	Welded Attachment Pump 1-2	₩ELD #3	PT	1 Lug	48% coverage due to to Support Structure	03/31/94

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THIRD PERI ASME SECTI	IOD SECOND REFUELING OUTAGE RI ION XI SYSTEMS - CLASS 1	EPORT (1R6)		MAJOF	R ITEM: <u>Pumps (FLYWHEELS)</u> TABLE: <u>1.5</u> PAGE : <u>3</u> of	
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM DATE
RG. 1.14	Reactor Coolant Pump Flywheels	RCP 1-1,1-2,1-3	UT	Keyway Only	Examined 100%	04/06/94

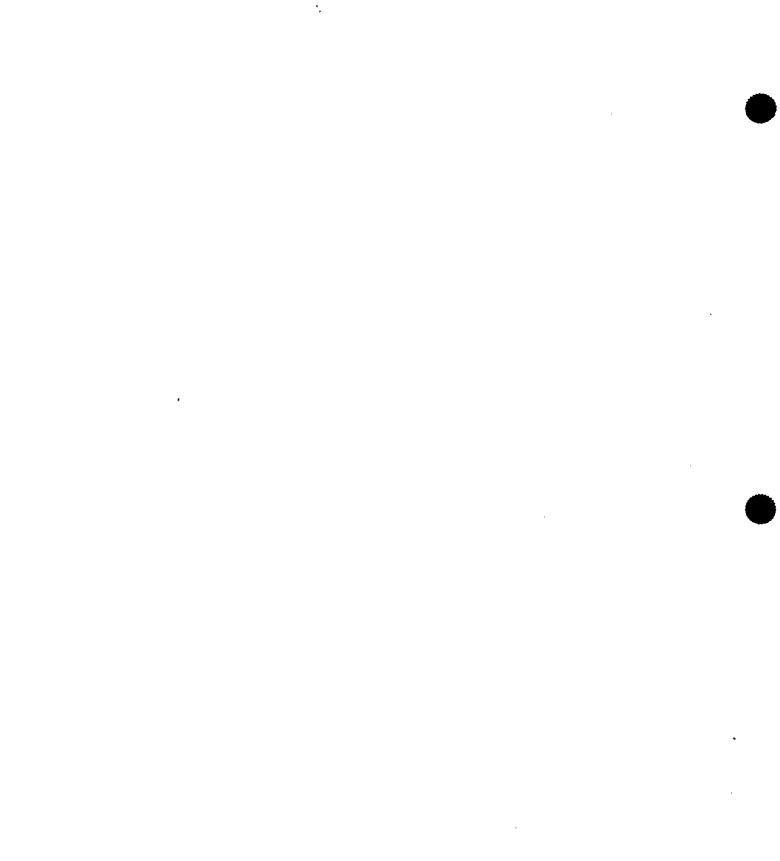
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PG&E			6		DIABLO CANYO	PLANT-UNIT 1
	OD SECOND REFUELING OUTAGE REPOR ON XI SYSTEMS - CLASS 1	T (1R6)		MAJOF	TABLE: <u>1.6</u> PAGE: <u>1</u> of	2
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM DATE
	Valves					
B-G-2	<u>Pressure Retaining Bolting</u> (2-Inch Dia and Less) Bolts, Studs, and Nuts			*		
B7.70	10-Inch Nom. Dia.	Line No. & Valve No		Bonnet Bolting		
	Accumulator Injection Loop 2 (9-21) [ 1.4-9 ]	S6-254-10SPL+ V-8948B	VT-1	16 Studs and Nuts	Examined 100%	03/29/94
	Accumulator Injection Loop 3 (9-19) [ 1.4-10 ]	S6-255-10SPL+ V-8948C	VT-1	16 Studs and Nuts	Examined 100%	03/29/94
	Accumulator Injection Loop 4 (9-18) [ 1.4-11 ]	S6-256-10SPL+ V-8948D	VT-1	16 Studs and Nuts	Examined 100%	03/29/94
B7.70	6-Inch Nom. Dia.				- -	
	RHR Pp 1-2 Inj Cold Leg 3 (9-43) [ 1.4-19 ]	S6-3846-6SPL+ V-8818C	VT-1	12 Studs and Nuts	Examined 100%	03/30/94
	RHR Pp 1-2 Inj Cold Leg 4 (9-42) [ 1.4-20 ]	S6-3847-6SPL+ V-8818D	VT-1	12 Studs and Nuts	Examined 100%	03/29/94
	Pressurizer RV-8010C Inlet (7-29) [ 1.4-23 ]	S6-727-6 RV-8010C	VT-1	8 Studs and Nuts	Examined 100%	04/11/94



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DIABLO CANYO PG&E THIRD PERIOD SECOND REFUELING OUTAGE REPORT (1R6) MAJOR ITEM: VALVES (B-G-2) ASME SECTION XI SYSTEMS - CLASS 1 TABLE: 1.6 2 PAGE : of 2 NDE CATEGORY GENERAL EXAM RELIEF'S EXAM EXAMINATION ITEM COMPONENT OR SYSTEM IDENTIFICATION METH AMOUNT & EXTENT & REMARKS DATE Line No. & B7.70 4-Inch Nom. Dia. Bonnet Bolting Valve No. VT-1 8 Studs and Nuts Examined 100% 03/29/94 Loop 1 Spray Line S6-13-4SPL (7-6, 7-7, 7-8) 1-PCV-455B [ 1.4-26 ] Loop 2 Spray Line S6-14-4SPL+ **VT-1** 8 Studs and Nuts Examined 100% 03/29/94

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Examined 100%

Examined 100%

04/06/94

03/22/94

 Letdown Line Loop 2
 S6-24-3SPL+
 VT-1
 8 Studs and Nuts

 (7-14, 7-5)
 1-LCV-460
 1
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 [ 1.4-37] [ 1.4-38 ]
 Pressurizer Power RV
 S6-1195-3SPL+
 VT-1
 8 Studs and Nuts

 PCV-456 (7-26)
 1-PCV-456
 1-PCV-456
 VT-1
 1

1-PCV-455A

(7-5, 7-6) [ 1.4-28 ]

[ 1.4-25 ]

[ 1.4-39 ]

3-Inch Nom. Dia.

B7.70

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	OD SECOND REFUELING OUTAGE REPOR ON XI SYSTEMS - CLASS 1	₹T (1R6)			MAJOR ITEM: <u>PIPE SUPPORTS</u> TABLE: <u>1.7</u> PAGE : <u>1</u> of	
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM DATE
BK	Piping Supports			<u> </u>	<u> </u>	
B11.10	Inservice Inspections were per are on file.	rformed on all Class 1 sn	ubbers during the Sixt	h Refueling Outage betwee	en the dates of 03/94 and 05/94.	. Data Sheet

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Class 2 Components

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	OD SECOND REFUELING OUTAGE REPORT ON XI SYSTEMS - CLASS 2	Г (1R6)		MAJOR I	TEM: <u>PRESSURE_VESSELS</u> TABLE: <u>2.1</u> PAGE : <u>1</u> of	
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM Date
C-A	<u>STEAM GENERATORS</u> Pressure Retaining Welds					
-	WELDS					
C1.30	Tube Sheet to Shell	GIRTH WELDS				
C1.30	Steam Generator 1-1 (Serial No. 1041)	Girth W1-2	UT	12 ft. inspected	90% coverage due to welded pads	04/07/9 <b>4</b>
C-B	Pressure Retaining Nozzle/Weld	<u>s</u>				
	STEAM GENERATOR 1-4 Main Steam Lead 4 Nozzle Weld	Nozzle Weld (to) Shell at K15-225-28V	MT & Ut	<b>W 4-8</b>	100% MT 90% coverage on (UT) exam due to curvature of nozzle	(MT) 04/22/9Å (UT) 04/22/94
:	Nozzle Inner Radius [ 2.2-24 ]	Inner Radius	UT	Inner Radius 100%	Inner Radius - Examined 100%	(UT) 04/22/94

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	OD SECOND REFUELING OUTAGE REPOR	RT (1R6)		MAJOR	ITEM: PRESSURE VESSELS (C	-A)
ASME SECTI	ON XI SYSTEMS - CLASS 2				TABLE:         2.1           PAGE :         of	2
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM Date
<u></u>	RESIDUAL HEAT REMOVAL HEAT Exchanger		,			
C-A	Pressure Retaining Welds In					
C1.20	<u>Vessels</u> RHR Exchanger 1-2	GIRTH WELDS Girth W-GD Weld #4	UT	Bot Head (to) Shell (As Accessible)	75% coverage of exam volume on 0° scan due to support and inlet nozzle. 68% coverage of exam volume (angle beam) due to welded support	03/08/94
C-B	NOZZLES IN VESSELS					
C2.20	>1/2" Nom. Thickness					
	RHR Ht Exchanger 1-2 [ 1.2-14 ]	Nozzle Weld #2	UT & PT	- · ·		T) 03/30/94 T) 04/09/94

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	OD SECOND REFUELING OUTAGE REPOR ON XI SYSTEMS - CLASS 2	T (1R6)		. Maj	OR ITEM: <u>PIPING-CIRCUM.</u> TABLE: <u>2.2</u>	WELDS (C-F)
					PAGE : of	4
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM Date
C-F	<u>Pressure Retaining Welds</u> in Piping					
C5.20 C5.21	Piping Welds >1/2" Wall Multiple Stream Systems	Butt Welds Category C-F				12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
-	SIS to RCS Hot Leg Loop 2 (10-16) End M/S System C-F	S6-2576-8 [ 2.2-4 ]	PT & Ut	1 Weld 360°	WIC-249 Examined 100%	(PT) 04/03/94 (UT) 04/03/94
C-F	Pressure Retaining Welds in	Butt Welds				
C5.21	<u>Piping</u> Single Stream System	Category C-G				
	Charging Pumps Disch Emerg (8-1) (9-6)	S6-1973-6 [ 2.2-10 ]	PT & UT	1 Weld 360°	WIC-184 - 100% 100% coverage from one side due to flange	(PT) 03/14/94 (UT) 04/30/94
	RC PPS Barrier CCW Ret Hdr (Penetration)	K17-1357-6 [ 2.2-37 ]	MT& Ut	1 Weld 360°	WIC-1357E - 92% (UT) 90% coverage due to unistrut obstruction	(MT) 04/03/94 (UT) 04/04/94

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	OD SECOND REFUELING OUTAGE REPOR ON XI SYSTEMS - CLASS 2	(1R6)	-		MAJOR ITEM: <u>PIPING-CIRCUM. WELDS (C-F)</u> TABLE: 2.2		
					PAGE : of		
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S EXAM & REMARKS DATE		
C5.20 C5.21	Piping Welds >1/2" thick Multiple Stream Systems	<u>Butt Welds</u> Category C-G					
	Stream Gen Steam Outlet 1-4 (500139)	K15-225-28V [ 2.2-24 ] Lead 4	MT & Ut	1 Weld 360°	WICG-2-4 - 100% (MT) 03/24/94 (MT) The following indications were detected and removed by grinding, and weld repaired. 1) 2" linear 2) .5" linear 3) 1.38" linear SEE EXPANDED SCOPE ON PAGE 3. (UT) 99% coverage (UT) 04/20/94 due to surface excavations.		
	Main Steam Relief Vlv Hdr (500139) (4-60)	K15-1066-24V [ 2.2-24 ] Lead 4	MT & Ut	1 Weld 360°	WICG-27-4 - 100% (MT) 04/03/94 (UT) 90% coverage (UT) 04/08/94 due to sweepolet located @ TDC		
C-F	Pressure Retaining Welds				-		
C5.22	<u>in Piping</u> Longitudinal Welds Over 1/2" Wall Single Stream Systems	Long'l Seams Category C-F					
	Steam Gen Steam Outlet 1-4 (500139)	K15-225-28V [ 2.2-24 ] Lead 4	MT & Ut	Long Seam	"Long Seam Weld" (MT) 03/02/9 WICG-2-4 to (UT) 04/21/94 WICG-4-4 Examined 100%		

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	OD SECOND REFUELING OUTAGE REPOR ON XI SYSTEMS - CLASS 2	יד (1R6)		MAJO	DR ITEM: <u>PIPING-CIRCUM. WELD</u> TABLE: <u>2.2</u> PAGE : <u>3</u> of	<u>DS (C-F)</u>
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM Date
C-F	Piping					
C5.10	Piping Welds 1/2" or Less Nominal Wall Thickness					
C5.11	Circumferential Welds Single Stream Systems	Butt Welds Category C-F				
	Res Ht Exchanger 2 Outlet (9-2)	S1-3551-14III [ 2.2-3 ]	РТ	1 Weld 360°	WIC-9 Examined 100%	04/11/94
	Containment Spray Pump 1-2 Discharge Before V-9001 B	S2-265-8	UT	1 Weld 360°	WIC-265-1 95% coverage due to support 2810-77	04/14/94
	EXPANDED SCOPE EXAMINATIONS (	Per IWB-2430(a))				
C-F	Pressure Retaining Welds					
C5.20 C5.21	<u>in Piping</u> Piping welds >1/2" thick Hultiple Stream Systems	<u>Butt Welds</u> Category C-G			•	
	Steam Gen Steam Outlet 1-2 (500137)	K15-227-28V [ 2.2-22 ] Lead 2	МТ	2 Welds 360°	WICG-1-2 WICG-2-2	03/16/94 04/06/94

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	IOD SECOND REFUELING OUTAGE REPORT ION XI SYSTEMS - CLASS 2	RT (1R6)				<u>5 (C-F)</u>
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION Amount & Extent	EXAM RELIEF'S & REMARKS	EXAŇ Date
	EXPANDED SCOPE EXAMINATIONS (	Per IWB-2430(a))				
C-F	<u>Pressure Retaining Welds</u> <u>in Piping</u> (Cont'd)					
	Steam Gen Steam Outlet 1-3 (500138)	K15-226-28V [ 2.2-23 ] Lead 3	HT .	2 welds 360°	WICG 1-3 WICG 2-3	03/27/94 03/27/94
	Steam Gen Steam Outlet 1-1 (500136)	K15-228-28V [ 2.2-21 ] Lead 1	HT	1 weld 360°	WICG 1-1	03/27/94

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THIRD PERIOD SECOND REFUELING OUTAGE REPORT (1R6) ASME SECTION XI SYSTEMS - CLASS 2					MAJOR ITEM: <u>PUMPS (SI PUMPS)</u> TABLE: <u>2.3</u> PAGE : <u>1</u> of	
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM DATE
	Safety Injection Pumps					
C-D	<u>Pressure Retaining Bolting</u> (Larger Than 2-Inch Diameter)					
C4.30	Bolts SI Pump 1-2	Casing Bolts Bolt #1,2,3,4,5, 6,11,12	UT	8	100% Volumetric Exam	04/01/94

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THIRD PERIOD SECOND REFUELING OUTAGE REPORT (1R6) ASME SECTION XI SYSTEMS - CLASS 2				H/	AJOR ITEM: <u>PIPE SUPPORTS</u> TABLE: <u>2.4</u> PAGE : <u>1</u> of	 
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM DATE
BK	Piping Supports					<u>,</u>
B11.10	Inservice Inspections were are on file.	e performed on all Class 2 sm	ubbers during the Sixt	h Refueling Outage between	the dates of 03/94 and 05/94.	Data Sheets

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SECTION E

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SYSTEM PRESSURE TESTS

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THIRD PERIOD SECOND REFUELING OUTAGE REPORT (1R6) ASME SECTION XI SYSTEMS - CLASS 1 - TEN YEAR HYDROSTATIC TEST

ER PLANT-UNIT 1 DIABLO CANY

MAJOR ITEM : System Pressure Test 
 TABLE : 5.2

 PAGE : 1

of 8

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TEST #	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM DATE
1.	Reactor Coolant Pumps 1-1, 1-2, 1-3, 1-4		VT-2	Pressure Retaining Boundary		03/30/91
2.	Steam Generators 1-1, 1-2, 1-3, 1-4 (Tube Side)		VT-2	Pressure Retaining Boundary		03/30/91
3.	Reactor Vessel, Primary Coolant Loops and Connected Piping		V∕T-2	Pressure Retaining Boundary		03/31/91 05/26/94
4.	Pressurizer 1-1		VT-2	Pressure Retaining Boundary		03/30/91
5.	Pressurizer Relief/Spray		VT-2	Pressure Retaining Boundary		03/30/91
7.	Reactor Coolant Pump Seal Water Injection/Bypass		VT-2	Pressure Retaining Boundary		03/30/91
8.	Letdown and Excess Letdown Lines		VT-2	Pressure Retaining Boundary		03/30/91
10.	SIS Accum Disch and Test Lines		VT-2	Pressure Retaining Boundary		05/04/94
11.	RHR Injection to Cold Legs		VT-2	Pressure Retaining Boundary		05/04/94
12	Charging Injection Inside Containment		VT-2	Pressure Retaining Boundary		05/04/94
13.	Safety Injection Inside Containment		VT-2	P <u>r</u> essure Retaining Boundary		05/05/94
	<u>System Leakage Test</u> Class 1 Pressure Reatining Boundary		VT-2	Pressure Retaining Boundary		11/06/92 (1R 05/04/94

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THIRD PERIOD SECOND REFUELING OUTAGE REPORT (1R6) ASME SECTION XI SYSTEMS - CLASS 2 - TEN YEAR HYDROSTATIC TEST

er plänt-unit i DIABLO CANY

MAJOR ITEM : <u>System Pressure Test</u> TABLE : <u>5.2</u> PAGE : <u>2</u> of <u>8</u>

TEST #	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM DATE
1.	Feedwater Supply Leads		VT-2	Pressure Retaining Boundary		05/04/94
3.	Steam Generators 1-3 & 1-4		VT-2	Pressure Retaining Boundary		05/04/94
4.	Main Steam.Leads 3 & 4		VT-2	Pressure Retaining Boundary	•	05/04/94
5.	Main Steam Leads 1 & 2		VT-2	Pressure Retaining Boundary		05/04/94
6.	Steam Generators 1-2 & 1-1		VT-2	Pressure Retaining Boundary		05/04/94
7.	Auxiliary Feed Pump 1-1 Turbine Steam Lead		VT-2	Pressure Retaining Boundary		05/21/94
8.	Steam Generator Blowdown		VT-2	Pressure Retaining Boundary		, 05/05/94
11.	Excess Letdown Heat Exchanger 1-1 Tube Side and Inlet/Outlet Piping		VT-2	Pressure Retaining Boundary		03/30/91
13.	Reactor Coolant Pumps Hi Pressure Seal Water Outlet Piping (Spec S6) to Valve 8142		VT-2	Pressure Retaining Boundary		03/30/91
15.	RCP Seal Water Inlet Unisolable From Class 1 (8393 to 8372)		VT-2	Pressure Retaining Boundary		03/30/91
16.A	Regenerative Heat Exchanger 1- Shell Side and Letdown Piping LCV-460 to R0-27,28,29	1	VT-2	Pressure Retaining Boundary		05/06/94
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## THIRD PERIOD SECOND REFUELING OUTAGE REPORT (1R6) ASME SECTION XI SYSTEMS - CLASS 2 - TEN YEAR HYDROSTATIC TEST

DIABLO CANYO

MAJOR ITEM : System Pressure Test

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TEST #	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM DATE
16.B	Letdown Piping R0-27,28,29 to 8152		VT-2	Pressure Retaining Boundary		05/06/94
19.	Centrifugal Charging Pumps and Suction Piping		VT-2	<pre>Pressure Retaining Boundary</pre>	-	04/12/94
22.	Charging Line to Cold Legs & Pressurizer Upstream of Aux Spray Valves 8147, 8146, 8145, 8148, 8482		VT-2	Pressure Retaining Boundary		05/04/94
23.	Charging Line Portions Unisolable From Class 1		VT-2	Pressure Retaining Boundary		03/30/91
24.	Boric Acid Tanks to Pump Disch Iso Valves		VT-2	Pressure Retaining Boundary		12/22/90
25.	Boric Acid Transfer Pumps, Disch and Recirc Piping		VT-2	Pressure Retaining Boundary		04/29/94
26.	Accumulator Injection Loops 1 Thru 4, Test & Fill Piping Up to Valves 8877A,B,C & D		VT-2	Pressure Retaining Boundary		05/04/94
28.	Safety Injection Pumps		VT-2	Pressure Retaining Boundary		04/29/94
29.	Accumulator Sample Lines From Valves 9367A-D to 9352A-D and 9357A to 9357B		VT-2	Pressure Retaining Boundary		10/29/92
32.	Charging Injection		VT-2	Pressure Retaining Boundary		02/24/91

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# THIRD PERIOD SECOND REFUELING OUTAGE REPORT (1R6) ASHE SECTION XI SYSTEMS - CLASS 2 - TEN YEAR HYDROSTATIC TEST

A R PLANT-UNIT 1 DIABLO CANYO

MAJOR ITEM : <u>System Pressure Test</u> TABLE : <u>5.2</u> PAGE : <u>4</u> of <u>8</u>

TEST #	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM Date
35.	Refueling Water Storage Tank and Supply to First Iso Vlvs		VT-2	Pressure Retaining Boundary		12/21/90
37.	RWST Supply Header		VT-2	Pressure Retaining Boundary		12/21/90
39.	RHR Cold Leg Inj Piping From 8809A, B to Class 1		VT-2	Pressure Retaining Boundary	-	05/01/94
40.	RHR Cold Leg Inj Piping Upstrm 8809A,B		VT-2	Pressure Retaining Boundary	-	05/01/94
42.	Cont Recirc Sump Outlet Lines Downstream of Valves 8982A,B		VT-2	Pressure Retaining Boundary		05/01/94
43.	RHR Suction Piping From RWST 8981 & 8701 to 8700A,B		VT-2	Pressure Retaining Boundary		05/01/94
- 44.	RHR Suction Piping From RWST 8980 to 8981		VT-2	Pressure Retaining Boundary		12/21/90
45.	RHR Disch Piping, Supply to SIS Pump Suction		VT-2	Pressure Retaining Boundary		05/01/94
51.	RHR Hot Leg 1 & 2 Injection Piping to 8703 Plus Bypass Lin (8726A,B)	e	VT-2	Pressure Retaining Boundary		05/01/94
52.	RHR Hot Leg 1 & 2 Downstream 8703 to 8740A,B		VT-2	Pressure Retaining Boundary		05/05/94
53.	RHR Pumps		VT-2	Pressure Retaining Boundary		05/01/94
54.	RHR Pump Discharge Piping to 8730A,B		VT-2	Pressure Retaining Boundary		05/01/94

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# THIRD PERIOD SECOND REFUELING OUTAGE REPORT (1R6) ASME SECTION XI SYSTEMS - CLASS 2 - TEN YEAR HYDROSTATIC TEST

DIABLO CANYO

ER PLANT-UNIT 1

MAJOR ITEM : <u>System Pressure Test</u> TABLE : <u>5.2</u> PAGE : <u>5</u> of <u>8</u>

TEST #	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION Amount & Extent	EXAM RELIEF'S & REMARKS	EXAM Date
55.	RHR Pump Seal Piping	-	VT-2	Pressure Retaining Boundary		05/01/94
56.	RHR Sample Lines		VT-2	Pressure Retaining Boundary		05/01/94
61.	Spray Additive Tank and Unisolable Piping		VT-2	Pressure Retaining Boundary		02/21/91
62.	Containment Fan Cooler CCW Supply & Return, Spec K2 Piping	1	VT-2	Pressure Retaining Boundary		02/23/91
63.	Containment Fan Coolers		VT-2	Pressure Retaining Boundary		02/09/91
64.	Reactor Coolant Pumps CCW Supply & Oil Cooler Return Containment Penetrations, Spec K2		VT-2	Pressure Retaining Boundary		09/23/92
65.	Reactor Coolant Pumps CCW Return Containment Penetration, Line K17-1357-6	, )	VT-2	Pressure Retaining Boundary		03/12/91
66.	Excess Letdown Heat Exchanger, Shell Side		VT-2	Pressure Retaining Boundary		02/16/91
67.	Excess Letdown Heat Exchanger, Shell Side Pipe	-	VT-2	Pressure Retaining Boundary		02/16/91
59.	Lines 4681, 4682, 4683, 4684, 4685, 4686		VT-2	Pressure Retaining Boundary		03/30/91
71.	Pzr Relief Tk N <sub>2</sub> Supply		VT-2	Pressure Retaining Boundary		02/10/91

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DIABLO CANY ER PLANT-UNIT 1

# THIRD PERIOD SECOND REFUELING OUTAGE REPORT (1R6) ASME SECTION XI SYSTEMS - CLASS 2 - TEN YEAR HYDROSTATIC TEST

MAJOR ITEM : <u>System Pressure Test</u> TABLE : <u>5.2</u> PAGE : <u>6</u> of <u>8</u>

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TEST #	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM Date
72.	Pri Wtr Sup to Pzr Relief T	k	VT-2	Pressure Retaining Boundary		03/08/91
75.	Tanks N <sub>2</sub> Supply Hdr		VT-2	Pressure Retaining Boundary	-	02/11/91
80.	Firewater Supply Before Con	t	VT-2	Pressure Retaining Boundary		03/21/91
84.	React Cool Drn Tk N <sub>2</sub> Supply		VT-2	Pressure Retaining Boundary		02/14/91
106.	Inside Cnt Instr Air Sup Hd	r	VT-2	Pressure Retaining Boundary		04/17/94
107.	Cnt Inst Air Sup FCV-584 Bp	1	VT-2	Pressure Retaining Boundary		04/17/94

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 MAJOR ITEM:
 System Functional Test

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THIRD	PERIOD	SECO	DND REFL	JELI	NG OL	ITAGE	E REPORT	(1R6)	
								FUNCTIONAL	TEST

COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	ŃDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM Date
Accumulator Test & Fill Piping		VT-2			04/28/94
Charging Inj. Check Valves Line S6-4348-3/4 & SIS Pump Disch Test Line S6-2570-3/4		VT-2			04/28/9À
Charging Inj. to Cold Legs (8801A, B to 8820)		VT-2			05/04/94
Safety Injection Pump Discharge/Hot Leg Injection Piping Inside Cont. Iso Valves (8802A, B)		VT-2			05/04/94
Safety Injection Pumps Suction Line to RWST		VT-2			03/11/94
SIS Pp Discharge Piping to 8802A, B, 8835		VT-2			04/29/94
SI Cold Leg Injection Downstream of 8835		VT-2			07/06/94
RHR Hot Leg Inj. Test Lines to 8884A-D, 8825, 8885A, B, 8824, 8823		VT-2			04/28/94
Containment Spray Ring Supply Piping, Spec. S3		VT-2			10/07/92
RWST Supply to Eductors		VT-2			04/30/94

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THIRD PERIOD SECOND REFUELING OUTAGE REPORT (1R6) ASME SECTION XI SYSTEMS - CLASS 2 - SYSTEM FUNCTIONAL TEST					MAJOR ITEM: <u>System Functional Test</u> TABLE: <u>5.2</u> PAGE: <u>8</u> of <u>8</u>		
TEST #	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM Date	
60	Cont. Spray Pumps, Suction Piping RWST Eductor Suctio		VT-2			03/03/94	
68	Steam Gen. N <sub>2</sub> Supply Hdr.		¥T-2			04/05/94	
79	Aux Steam Cont. Penetratic	on	VT-2			04/21/94	
105	Service Air Penetration Ho	dr.	VT-2			04/12/94	

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<u>NOTE</u>: All tests listed in Program Plan to be satisfied by LLRT are complete for periods 1, 2, & 3.

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SECTION F

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# PRESERVICE INSPECTION ITEMS

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THIRD PERIOD SECOND REFUELING OUTAGE REPORT (1R6)         ASME SECTION XI SYSTEMS - CLASS 1         PRESERVICE INSPECTION ITEMS         MAJOR ITEM:         PIPING WELDS (B-J)         PAGE :       1         of       6						
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM Date
B-J B9.20 B9.21	<u>Piping</u> (Less Than 4-Inch Diameter) <u>3-Inch Nom. Diameter</u>	Line No. & ISI Dwg. No.			-	
	Loop 3 RTD Manifold Ret Hdr (7-21)	S6-1153-3SPL [ 1.4-32 ]	РТ	1 weld 360°	W1B-182A Examined 100%	03/23/94
	Loop 3 Cold Leg Return Connection	S6-1152-2SPL [ 1.4-62 ]	PT	2 welds 360°	W1B-255B W1B-255C Both Examined 100%	03/27/94 03/24/94
	Loop 4 Cold Leg Return Connection	S6-1159-2SPL [ 1.4-63 ]	РТ	2 welds 360°	W1B-349B - W1B-349C Both Examined 100%	03/27/94 03/23/94
	Loop 4 RTD Manifold Ret Hdr	S6-1158-3SPL [ 1.4-33 ]	PT	1 weld 360°	W1B-249A Examined 100%	03/24/94
	Loop 1 RTD Manifold Ret Hdr (7-23)	S6-1141-3SPL [ 1.4-30 ]	PT	1 weld 360°	W1B-19A Examined 100%	03/23/94
	Loop 2 RTD Manifold Ret Hdr (7-24)	S6-1147-3SPL [ 1.4-31 ]	PT	1 weld 360°	W1B-89A Examined 100%	03/09/94
	Loop 2 Cold Leg RTD Conn	S6-1146-2SPL [ 1.4-61 ]	PT	2 welds 360°	W1B-144B Examined 100% W1B-144C Examined 100%	03/27/94 03/18/94

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	OD SECOND REFUELING OUTAGE REPOR ON XI SYSTEMS - CLASS 1		PRESERVICE INSPECTION ITEMS		MAJOR ITEM: <u>VALVES (B-G-2)</u> PAGE : <u>2</u> of <u>6</u>		
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM Date	
	<u>Valves</u>						
B-G-2	<u>Pressure Retaining Bolting</u> (2-Inch Diameter and Less) Bolts, Studs, and Nuts						
B7.70	<u>3-Inch Nom. Diameter</u> (Cont'd)	<u>Line No.</u> Valve No.		Bonnet Bolting	<u>Manufacturer</u> <u>&amp; Style</u>		
	Pressurizer Power RV PCV-474 (7-25) [ 1.4-24 ]	S6-1171-3SPL+ V-8000A	VT-1	12 Studs and Nuts-100%	Velan 3GM48FN	03/24/91	
	Letdown Line Loop 2 (7-14, 7-5) [ 1.4-37] [ 1.4-38 ]	S6-24-3SPL+ 1-LCV-460	VT-1	8 Studs and Nuts-100%	Masoneilan 3IA58RGP	04/06/94	
	6-Inch Nom. Diameter						
	Pressurizer RV-8010A Inlet (7-27) [ 1.4-21 ]	S6-729-6 RV-8010A	VT-1	12 Studs - 100% 24 Nuts	Crosby 6RV58MSB	03/02/94	
	Pressurizer RV-8010B Inlet (7-28) [ 1.4-22 ]	S6-728-6 RV-8010B	VT-1	12 Studs - 100% 24 Nuts	Crosby . 6RV58MSB	03/02/94	
	Pressurizer RV-8010C Inlet (7-29) [ 1.4-23 ]	S6-727-6 RV-8010C	VT-1	12 Studs - 100% 24 Nuts	Crosby 6RV58MSB	03/02/94	

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THIRD PERI ASME SECTI	OD SECOND REFUELING OUTAGE REPOR ON XI SYSTEMS - CLASS 2		SERVICE INSPECTION ITEMS		MAJOR ITEM: <u>PIPING-CIRCUM.</u> PAGE : <u>3</u> of	WELDS (C-F) 6
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM Date
C-F	Pressure Retaining Welds in Piping (Cont'd)			1		
C5.20 C5.21	Piping Welds >1/2" thick Multiple Streams, Cont'd	Butt Welds Category C-G			NEW WELDS INSTALLE	<u>D THIS OUTAGE</u>
	Stm Gen Feed Wtr Supply Gen 1-1 (500146)	K16-554-16V Lead 1 { 2.2-25 ]	MT & UT	2 Welds 360°	WICG-94-1A (UT)04/04/ Examined 100% WICG-94-1B (UT)04/04/ Examined 100%	
	Stm Gen Feed Wtr Supply Gen 1-2 (500146)	K16-555-16V Lead 2 [ 2.2-26 ]	MT & UT	2 Welds 360° ·	WICG-94-2A (UT)04/11/ Examined 100% WICG-94-2B (UT)04/11/ Examined 100%	
	Stm Gen Feed Wtr Supply Gen 1-3 (500146)	K16-557-16V Lead 3 [ 2.2-27 ]	MT & UT	3 welds 360°	WICG-94-3A (UT)04/12/ Examined 100% WICG-94-3B (UT)04/12/ Examined 100% WICG-94-3D (UT)04/22/ Examined 100%	'94-(MT)04/08/94
	Stm Gen Feed Wtr Supply Gen 1-4 (500146)	K16-556-16V Lead 4 [ 2.2-28 ]	MT & UT	2 welds 360°	WICG-94-4A (UT)04/08/ Examined 100% WICG-94-4B (UT)04/08/ Examined 100% <u>MOTE</u> : Hydro deferred Case N-416.	/94-(HT)04/06/94
	Main Stm Relief Vlv Hdr (500138) (4-59)	K15-1065-24V [ 2.2-23 ] Lead 3	MT	Flange Exam 360°	MT performed after ge was detected on Inle flange and blended by grinding. MT perform in blend area. No w repair was required. Indication was remove by grinding.	t y ned eld

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	THIRD PERIOD SECOND REFUELING OUTAGE REPORT (1R6)MAJOR ITEM: PIPING-CIRCUM. WELDS (C-F)ASHE SECTION XI SYSTEMS - CLASS 2PRESERVICE INSPECTION ITEMSMAJOR ITEM:PIPING-CIRCUM. WELDS (C-F)PAGE :ASHE SECTION XI SYSTEMS - CLASS 2PRESERVICE INSPECTION ITEMS						
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM DATE	
·	Piping						
C-F C5.10 C5.11	<u>Pressure Retaining Welds</u> <u>In Piping</u> Piping Welds ≤ 1/2ª Thick Circumferential Welds	Butt Welds					
	Single Stream Systems	Category C-G					
	RWST To Res Ht Rem Pps Suct (10-10)	\$1-223-12IIIP [ 2.2-2 ]	PT	3 welds 360°	WIC-236A WIC-236B WIC-236C All examined 100%	04/05/94 04/03/94 04/05/94	

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	IOD SECOND REFUELING OUTAGE REPO ION XI SYSTEMS - CLASS 2		VICE INSPECTION ITEMS	MAJU	MAJOR ITEM: <u>PIPING WELDS (B-J)</u> PAGE : <u>5</u> of <u>6</u>			
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE Meth	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	EXAM Date -		
B-J	<u>Piping</u>							
B9.40	Socket Welds			•				
	2-Inch Nom. Diameter	Line No. & ISI Dwg. No.						
	Loop 1 Cold Leg RTD Conn (7-220)	S6-1140-2SPL [ 1.4-60 ]	PT	7 socket welds 360°	WIB-28A WIB-28B WIB-28C WIB-28D WIB-28E WIB-28F WIB-28G All examined 100%	03/27/94 03/26/94 03/24/94 03/27/94 03/27/94 03/28/94 03/28/94		

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MAJOR ITEM: <u>SUPPORTS</u> PAGE : 6 of

B-K <u>Piping Supports</u>

## B-K-2 <u>Support Components</u>

B11.10

The required Preservice Inspections were performed on 51 Class 1 and 2 hangers during the Sixth Refueling Outage. Data Sheets are on file.

SUPPORT 5-2R 5-76R 23-283R 40-59R 44-64R 44-75R 52-41R 56S-146R 58S-142R 66-20R 66-32R 288-2R 288-82R 1037-7V 1039-9V 1042-9V	LINE 3281 0095 1140 0985 0017 0680 LCV-460 1661 0264 1158 1968 ASW Pp 1-2 ASW Pp 1-2 0554 0555 0557	SUPPORT 1044-7V Pp Base Bolted Supports Bolted Supports 4-22SL 104SL 10-33SL 10-33SL 10-39SL 10-128SL 11-18SL 11-43SL 11-43SL 11-44SL 11-94SL 12-2SL (A) 12-2SL (B) 12-3SL 12-70SL	LINE 0556 AFW Pp 1-1 CCP 1-2 CCP 1-1 RHR Pp 0254 2576 0985 0014 0508 0728 0728 0729 1195 1665 1665 1665 0109 1976	SUPPORT 12-1575L (B) 13-9SL 14-83SL (A) 22-211SL 22-54SL SG 01-02 SL NE 1033-6SL 1049-17SL 1049-17SL 1048-28SL 1048-27SL 288-58A 22-211SL 14-83SL (B)	LINE 2340 3846 3284 0054 1993 S/G 1-2 0225 0557 0556 0555 0555 0554 0119 0054 3284
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Repairs and Replacements



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2.	Plant Di	ablo Canyon	Power Plan	1t		<u></u>	I	Unit <u>1</u>			
	<u> </u>	.0. Box 56,	<u>Avila Beac</u>	<u>h_CA_93</u>	3424			-			
	Vent Denformed	<u>M</u>									
•	Work Performed	S	ee Above			Rei	pair Org	P.O. No., J	lob No	etc.	
							pun orgi			.,	
	Identification	of System <u>F</u>	eedwater Sy	stem (O	<u>3) (Class</u>	2)					
				(See Bel	ow – Code	e Stamp			_		
5.	(a) Applicable										
	(b) Applicable							<u>77, S'78</u> Addi	enda,	Code Cas	ses <u>H</u>
••••	dentification	or components	Repaired or R	epiacea, a		ient compo	nents				
Nam	e of	Name of	Mfrs. Ser.	Nat'1	Work Order	lOther	lYear	Repaired	ASHE	Code	
Com	ponent	Mfr.	No.				-	Replaced, or	-		
		1	1	1	I	Line No.	1	Replacement	(Yes	or No)	
				1	<u> </u>	<u> </u>	<u> </u>	1			
	1049-14SL	Grinnell						Replacement			
	1-38R 1-39R	IPG&E IPG&E	Unknown Unknown	<u>  N/A</u>   N/A	C0121716			Replacement			
<u>,                                     </u>	1-35K	11000		<u>  n/A</u>	1	1 0570	IONKNOWN	Replacement	1001	D31.1 C	9
				<u>.</u>	!	<u> </u>	<u> </u>	·	1		
•	Description of	   Work (8) Rep1	ace support pa	       Darts (9) D	     elete Suppo	     rt Parts					
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Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is  $8 1/2 \times 11$  in., (2) information in items 1 through 4 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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	ric Gas and	Electric	Company_				Date <u>June</u>	22, 1994	2
7	7 Beale Str	reet, San	Francisc	o, ca 94	4106		_ Sheet	L of	2
2. Plant <u>Diat</u>	olo Canyon H	Power Plan	t				Unit <u>1</u>		
P.0	). Box 56, A	vila Beac	<u>h CA 93</u>	424			_		
3. Work Performed b	ov Own	er							
	See	Above			Rep	pair Org.	P.O. No., Jo	ob No., etc.	
. Identification o	f System Fer	odwater Sv	stem (03	2613) (Clas	s 2)				
			(See Bel	ow - Code	e Stamp	Column	)		<u> </u>
5. (a) Applicable C	Construction Co	ode	19 Ed	ition	Addenda	, Code C	ases <u>N/A</u>		
(b) Applicable E	dition of Sect	tion XI Util	ized for R	epairs or R	leplacemen	ts - 19_	<u>77, S'78</u> Adde	enda, Code Cases	<u>N/</u>
. Identification of	components Re	epaired or R	eplaced, a	nd Replacem	ent Compos	nents			
Name of	Name of	Mfre Sor	  Nat!]	 IVork Order		 IVoar	Repaired	LASWE Code	
		No.	bd. No.				Replaced, or		
oomponent					Line No.		Replacement		
	i i		i		1	i			
4) FW-1-531	Atwood&Morri	Unknown	N/A	C0095471	0557	Unknown	Replacement	Draft ASME P&V	68
4) FW-1-369	Velan Valve	1888	N/A	C0095717	0569	Unknown	Replacement	Draft ASME P&V	68
	Velan Valve		1 N/A	C0095719				Draft ASME P&V	
	Atwood&Morri		N/A	_C0102020_				IDRAFT ASME P&V	68
11) F.W. Nozzle *		N/A	N/A	C0104777				ASME_III 83	
11) F.W. Nozzle *	PG&E	<u>N/A</u>	N/A	C0104778	0555	Unknown	Replacement	ASME III 83	
		atic VES Dr	neumatic	Nominal	Operating	Pressure	e Other _	_	
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. Tests Conducted: ressure . Remarks <u>* Hyd</u> i	psi Test Tem	<b>p</b> .	°F				•	Sect. XI	
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A. Tests Conducted: ressure A. Remarks <u>* Hydromatrices</u> (a) Case N-416 (b) Case N-416 (c) Case N	psi Test Tem <u>ro deferred</u> statements add gned signee) C holding a valia vince of <u>Cali</u> have inspec e best of my kn have for my kn have shall be ected with this	to next s to next s e in this he why why he christophe d commission fornia ted the nowledge and By signing t ncerning the e liable in s inspection	CERTIFIC CERTIFIC port are c r R. Gro CERTIFIC issued by , emplo Replace belief, t his certif repair or any manner	ATE OF COMP correct and Plan ff ATE OF INSP the Nation yed by ment this repair ficate, neit replacement for any point	Dressure LIANCE this t Engineen (Tit ECTION nal Board H.S.B.I. & escribed i or replace ther the I nt describe ersonal in	Repl ring Dire le) of Boile 1. Co. in this F cement ha inspector bed in the njury or	per ASME	_conforms to Se 7/14/94 (Date) re Vessel Inspe 7/-/4 ructed in accord loyer makes any urthermore, nei age or loss of a	ctors of 1992 dance ther
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A. Tests Conducted: ressure A. Remarks <u>* Hydrownet</u> Code Case N-416 e certify that the set of the ASME Code. Sin Owner or Owner's Des , the undersigned, H and the State or Proventies Hartford, CT. Ind state that to the ith Section XI of the arranty, expressed conspector nor his emprising from or connect	psi Test Tem ro deferred statements Add gned signee) // holding a valie vince of <u>Calie</u> have inspec the best of my known in the ASME Code. In por implied, composite boyer shall be	to next s to next s e in this he why why he christophe d commission fornia ted the nowledge and By signing t ncerning the e liable in s inspection	CERTIFIC CERTIFIC port are c r R. Gro CERTIFIC issued by , emplo Replace belief, t his certif repair or any manner	ATE OF COMP correct and Plan ff ATE OF INSP the Nation yed by ment this repair ficate, neit replacement for any point	Dressure LIANCE this t Engineen (Tit ECTION nal Board H.S.B.I. & escribed i or replace ther the I nt describe ersonal in	Repl ring Dire le) of Boile 1. Co. in this F cement ha inspector bed in the njury or	per ASME	_conforms to Se 7/14/94 (Date) re Vessel Inspe 7/-/4 ructed in accord loyer makes any urthermore, nei age or loss of a	ctors of 1992 dance ther

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is  $8 1/2 \times 11$  in., (2) information in items 1 through 4 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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1. Owner <u>Pacii</u>	7 Beale St	ceet. San	Francisc	:0. CA 94	106	'	Date <u>June</u> Sheet 2	$2 \circ 1334$
/	/ Deute De	ceby buil_	. 410100	<u>, , , , , , , , , , , , , , , , , , , </u>			_ •	··
2. Plant <u>Diat</u>	olo Canyon	<u>Power Plan</u>	<u>t</u>			I	Unit <u>1</u>	-
P.0	. Box 56, /	Avila Beach	<u>1 CA 93</u>	424			_	
	•							
3. Work Performed b								
		e Above			Rep	bair Org.	. P.O. No., Jo	ob No., etc.
			-tom 101	) (01	2)			
1. Identification o	of System <u>re</u>	edwater Sy	Stem (U:	Stamp Co	<u>2)</u>		<u> </u>	
				Stamp Co		0.1.0		
5. (a) Applicable C	onstruction L		19 FO		Addenda		ases <u>N/A</u>	uda Cada Casaa N
							<u>//</u> , <u>5.78</u> Adde	nda, Code Cases <u>N</u>
5. Identification of	components R	epaired or Ke	epiaceo, a	па кертасет	ent compo	nents		
Name of	IName of	Mfrs. Ser.	INatil	Work Order	 Inther	 Vozr	Repaired	ASME Code
Component	Mfr.	No.	Bd. No.			-	Replaced, or	•
oomponent	1	1	1		Line No.		Replacement	
	1		i	1			.	
3) F.W. Nozzle *	IPG&E	N/A	I N/A	C0104782	0555	Unknown	IRepair	ASME III 83
	IPG&E	N/A	I N/A	C0104775		Unknown		ASME III 83
	PG&E	N/A	I N/A	C0104779			Replacement	
	PG&E	N/A	I N/A	C0104783	·			ASME III 83
14) Elbow line 555*	PG&E	N/A	I N/A	C0105201	0555	Unknown		ASME III 84
6) FW-1-367	Atwood&Morri	Unknown	N/A	C0106228	0555	Unknown	Replacement	ASME III 83
	Atwood&Morri	Unknown	I N/A	R0123587	0554	Unknown	Replacement	DRAFT ASME P&V 68
3) F.W. Nozzle *	IPG&E	N/A	<u>N/A</u>	C0124022	0554	Unknown	Repair	ANSI B31.7 69
3) F.W. Nozzle *	IPG&E	N/A	<u>N/A</u>	C0124022	0555	Unknown	Repair	ANSI B31.7 69
	PG&E	N/A	<u>  N/A</u>	C0124022	0556	Unknown	Repair	ANSI B31.7 69
	PG&E	N/A	<u>N/A</u>	C0124022	0557	Unknown	Repair	ANSI B31.7 69
	Atwood&Morri		<u>N/A</u>	R0123587	0554	Unknown	Replacement	DRAFT ASME P&V 68
	Atwood&Morri		N/A	_C0095471		Unknown		DRAFT ASME P&V 68
	PG&E	<u>N/A</u>	N/A	_C0104780			Replacement_	
	PG&E	<u>N/A</u>	N/A	_C0119583			Replacement	
	PG&E	<u>N/A</u>	N/A	C0119586			Replacement_	
	PG&E	<u>_N/A</u>	N/A	C0119591			Replacement	
	PG&E			C0119590			Replacement	
11) F.W. Nozzle	PG&E	N/A	N/A	_C0104776_	_0556	Unknown	Replacement_	ASME III 83
						<u> </u>		
	 				!			
	ll		[]	<b> </b>				
						ſ		

9. Remarks (3)Mach Wk.repair (6)Replace by welding (11) Replace pipe (14) Grind flush (Applicable Manufacturer's Data Reports to be attached) \* Hydro deferred to next scheduled system pressure test, per ASME Sect XI Code Case N-416

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1.	Owner <u>Pa</u>	acific Gas and 77 Beale St	l Electric	Company	- <u>CA</u> 0/		I	Date <u>June</u>	22, 1994	<u> </u>
		// Beale St	reet, San	rrancisc	0, LA 94	100		_ Sneet	L OF	
2.	Plant [	Jiablo Canyon	Power Plan	nt			ı	Unit 1		
		P.O. Box 56,	Avila Beac	h CA 93	424			-		
2	Work Perform	ed byOw	ner							
	NOTE TETTOTA		e Above			Rep	bair Org.	P.O. No., J	ob No., etc.	
				0 1.	0		0)			
4.	Identificati	on of System <u>T</u> l	Irdine Stea	IM Suppiy	ow - Code	(04) (UI Stamp	<u>ass 2)</u> Column			
5.	(a) Applicab	le Construction (								
	(b) Applicab	le Edition of Sec	ction XI Util	ized for R	epairs or R	eplacemen	ts - 19_3	77, <u>S'78</u> Adde	nda, Code C	ases <u>N/A</u>
5.		n of components I								
 Na	me of	Name of	Mfrs. Ser.	INatil	 IWork Arder	Inther	  Year	Repaired	LASME Code	
	mponent	Mame Of Mfr.	No.	bd. No.	-	-	-	Replaced, or		
	,	1			•	Line No.	-	Replacement	· ·	)
		j	ĺ	i	<u> </u>	i	<b>I</b>	· ·	1	•
8)	S/G 01-01SL-	NE  Paul Monroe	1617	I N/A	C0097508			Replacement		
		W  Paul Monroe	1619	<u>  N/A</u>	C0097509			Replacement		
(8)	S/G 01-01SL-	SE  Paul Monroe	1615	N/A	C0097510	I N/A	Unknown	Replacement	ANSI B31.1	67
(8)	S/G 01-01SL-	SW  Paul Monroe	1612	N/A	[_C0097511_	N/A	Unknown	Replacement	ANSI B31.1	67
(8)	S/G_01-03SL-I	E Paul Monroe	1614	N/A	C0097513	N/A	Unknown	Replacement	ANSI B31.1	67
(8)	S/G 01-03SL-I	W Paul Monroe	1618	N/A	C0097514	N/A	Unknown	Replacement	ANSI B31.1	67
re		ced: * Hydros psi Test Te			Nominal (	Operating	Pressure	e Other	<u> </u>	
					ي من جو جو جو جو من من من من من من م					
le d	certify that t	he statements na Signed	de in this ré	CERTIFIC	ATE OF COMP	LIANCE	Ponl	acoment	conforms to	Section 1
fi	the ASME Code.	Signed	with here !	hard	Plan	t Fnainee	ring Dire	actor	_contornis co 	
Owr	ner or Owner's	Designee)	Christophe	r R. Gro	off	(Tit	le)		(Date)	<b></b>
		1			ATE OF INSP	•	•		. ,	
, t	the undersigne	d, holding a val	id commission	n issued by	y the Natior	nal Board	of Boile	r and Pressu	re Vessel Ir	spectors
nd	the State or	Province of <u>Cal</u>	ifornia	, emplo	oyed był	I.S.B.I. 8	I. Co.			of
Ha	artford, CT.	have inspe	cted the	Replace	ement de	escribed i	in this R	leport on	7-14	, 1994
		the best of my							ructed in ac	cordance
ritk	h Section XI o	f the ASME Code.	By signing t	his certif	ficate, neit	ther the I	inspector	nor his emp	loyer makes	any
arr	ranty, express	ed or implied, c	oncerning the	e repair or	replacemer	nt describ	ed in th	is Report. Fi	urthermore,	neither th
insp	pector nor his	employer shall	be liable in	any manner	r for any pe	ersonal in	jury or	property dama	age or loss	of any kin
ris	sing from or c	onnected with th	is inspection	•						•
	A.C	1 1901	K.	L						
late	- junit	4,1994	Nenny D	K. NIK	C	Commission	is <u>CA 18</u>	<u> 28 - NB 9990</u>	-, ·	
ins	spector)	·	(State or	Province,	National Bo	oard)				
.en	inv D. Kim									

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8  $1/2 \times 11$  in., (2) information in items 1 through 4 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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. Owner Paci	77 Beale St	Electric	Company		1106		Date <u>June</u> Sheet	$\frac{22, 1994}{2$ of 2
<u> </u>	// Bedle St	reet, San r	rancisc	0, LA 91	100	-	_ Sneet	
. Plant Dia	ublo Canvon	Power Plant	t			1	Unit 1	
	0. Box 56, /			8424				_
. Work Performed				<u></u>				
	Se	e Above			Rep	pair Org.	. P.O. No., J	lob No., etc.
				<b>A</b>	( A ) ( A )			
. Identification	of System <u>IU</u>					ass 2)	<u> </u>	· · · · · · · · · · · · · · · · · · ·
	• • • • • • • • •	•		Stamp Co				
(a) Applicable								
				-	-		<u>//, 5.78</u> Adde	enda, Code Cases <u>N</u>
Identification o	r components k	epaired or Re	placed, a		ent compo	nents		
lame of	Name of	Mfrs. Ser.	lNat'l	Work Order	lOther	Year	Repaired	JASME Code
Component	Mfr.		Bd. No.	-	-	•	Replaced, or	-
	i	1			Line No.			(Yes or No)
	i	1	i	i		İ		
3) S/G 01-03SL-SE	Paul Monroe	1610	I_N/A	C0097515	N/A	Unknown	Replacement	ANSI B31.1 67
) S/G 01-03SL-SW	Paul Monroe	1605	N/A	C0097516				ANSI B31.1 67
) 10-120 SL	Anchor Darlg	PSA 1NF	I N/A	C0104795	3915	Unknown	Replacement	ANSI B31.1 83
<u>) 11-3SL</u>	Grinnell	31963	<u>  N/A</u>	C0116560	0593	Unknown	Replacement	ANSI B31.1 83
)_1-45SL_A&B	Anchor_Darlg	سنخب البنية البرجيج بمباد المستقد	<u>  N/A</u>	C0104794				ANSI B31.1 83
) 12-5SL	[Grinnell]	31962	<u>  N/A</u>	C0104645			Replacement	
) 12-66SL	IPSA	33860	IN/A	<u>C0124514</u>				ASME III NF 77
4) 57s-184R	PG&E	<u>N/A</u>	<u>  N/A</u>	C0127258				ANSI B31.1 67
0) 288-88SL	IPSA	23085	<u>N/A</u>	C0121518				ANSI B31.1 67
) 12-182SL	IPSA	0206	<u>  N/A</u>	C0120582		Unknown		ASME III NF 77
) 12-185SL ) 10-112SL	IPSA IPSA	_33862	I <u>N/A</u>	C0120579				ASHE III NF 77
) 10-120SL	IPSA	N/A 25314	I N/A	<u>_C0120573</u>				ASME III NF 77
) 16-68SL	IPSA	1591	<u>  N/A</u>   N/A	C0120204				ASME III NF 77
) 58s-132R	IPG&E	N/A	N/A	C0096118				ANSI B31.1 67
) 58s-147R	IPG&E	N/A	N/A	C0096116				ANSI B31.1 67
) 58-1		N/A	N/A	C0095939				ANSI B31.1 67
) 12-186SL	IPSA I	33846	N/A	C0124515				ASME III NF 77
	I					1		1
	1					·		<u>·                                     </u>
	I							
	1							
	1 1	1				1		1

9. Remarks (1) Replaced Hanger (8)Replace Support Parts (3) Mach. Wk. Repair (Applicable Manufacturer's Data Reports to be attached) (10) Delete Support Parts (14) Add Shim Material

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	77 Beale Str	Electric	Company Francisc	0. CA 9/	4106		Date <u>June</u> Sheet		
······	TT Deale out	<u></u>	i i uno i be		1200			01	
2. Plant Di	ablo Canvon I	Power Plan	t				Unit <u>1</u>		
P	.0. Box 56, A	vila Beac	h CA 93				-		
3. Work Performed	iby Nwn	er							
5. HURK FERIUIMEC		Above			Re	nair Org	P.O. No., J	ob No., etc	
						pull 019.		,	•
4. Identification	n of System Tu	rbine Stea	m Supply	/ System	(04) (C	lass 2)			
			(See Bel	ow – Code	e Stamp	Column)	)		
5. (a) Applicable									
	e Edition of Sect			-	-		<u>77, S'78</u> Adde	enda, Code C	ases
6. Identification	of components Re	epaired or Re	eplaced, a	nd Replacem	ent Compo	onents			
Name of	Name of	Mfrs. Ser.	INat'l	Work Order	lAther	lYear	Repaired	IASME Code	
Component		No.	bd. No.		-		Replaced, or		
	ii				Line No.		Replacement	•	)
			i	i .	İ	i	· ·	<u>i</u>	-
(4) MS-1-PCV-20	Copes Vulcan	Unknown	<u>  N/A</u>	_C0119717_	1427	Unknown	Replacement	DRAFT ASME	P&V
(2) MS-1-PCV-21	Copes Vulcan			C0114762	1428		Replacement		
(3) MS-1-2056	Anchor Darlg			C0106157		Unknown	Repair	ASME III 6	
(3) MS-1-FCV-38	Velan Valve		<u>  N/A</u>	C0106086	0594	Unknown	Repair	DRAFT ASHE	
(3) MS-1-FCV-37	Velan Valve		<u>N/A</u>	<u>C0106084</u>			Repair	DRAFT ASME	
	Dresser	BN-01743	N/A	C0100059	1 1002	Unknown	Replacement	UKAFT ASME	_B&b
<ul><li>(5) MS-1-RV-11</li><li>7. Description of</li></ul>				k Repair (4		Internals	s (5)Replace	Valve	
7. Description of 8. Tests Conducte Pressure	Work <u>(2)Replace</u> d: * Hydrost _psi Test Tem	<u>Bolting (3)</u> atic <u>   P</u> n	<u>Mach. Worl</u> eumatic		)Replace				
<ol> <li>7. Description of</li> <li>8. Tests Conducte</li> </ol>	Work <u>(2)Replace</u> d: * Hydrost _psi Test Tem	<u>Bolting (3)</u> atic <u>   P</u> n	<u>Mach. Worl</u> eumatic		)Replace				
7. Description of 8. Tests Conducte Pressure	Work <u>(2)Replace</u> d: * Hydrost _psi Test Tem	<u>Bolting (3)</u> atic <u>   P</u> n	Mach. Worl eumatic _°F	Nominal	)Replace Operating				
7. Description of 8. Tests Conducte Pressure 9. Remarks	Work <u>(2)Replace</u> d: * Hydrost _psi Test Tem	e Bolting (3) atic Pn p	Mach. Worl eumatic °F  CERTIFIC/	Nominal	)Replace Operating	Pressure	e Other		
7. Description of 8. Tests Conducte Pressure 9. Remarks 	Work <u>(2)Replace</u> d: * Hydrost _ psi Test Tem e statements had	e Bolting (3)	Mach. Worl eumatic °F  CERTIFIC/ port are of	Nominal	)Replace Operating  LIANCE this	Pressure	e Other		o Se
7. Description of 8. Tests Conducte Pressure 9. Remarks	Work <u>(2)Replace</u> d: * Hydrost psi Test Tem  e statements mad Signed	e in this re	Mach. Worl eumatic °F CERTIFIC port are c	Nominal ATE OF COMP correct and Plan	)Replace Operating  LIANCE this t Enginee	Pressure 	e Other	 conforms t 7//4/44	 o Se
7. Description of 8. Tests Conducte Pressure 9. Remarks We certify that the of the ASME Code.	Work <u>(2)Replace</u> d: * Hydrost psi Test Tem  e statements mad Signed	e Bolting (3)	Mach. Worl eumatic °F CERTIFIC port are c off r R. Gro	Nominal ATE OF COMP correct and Plan	)Replace Operating LIANCE this t Enginee (Tit	Pressure 	e Other		o Se
7. Description of 8. Tests Conducte Pressure 9. Remarks We certify that the of the ASME Code. (Owner or Owner's N	Work <u>(2)Replace</u> d: * Hydrost _ psi Test Tem e statements mad Signed Designee)	e Bolting (3) atic Pn pp e, in this re atopher for Christopher	Mach. Worl eumatic °F CERTIFIC port are c off r R. Gro CERTIFIC	Nominal ATE OF COMP correct and Plan ff ATE OF INSP	)Replace Operating LIANCE this t Enginee (Tit ECTION	Pressure Repl ring Dire 21e)	e Other		
7. Description of 8. Tests Conducte Pressure 9. Remarks 	Work <u>(2)Replace</u> d: * Hydrost _ psi Test Tem e statements rad Signed Designee) C , holding a vali- rovince of <u>Cali</u>	e Bolting (3) atic Pn p e, in this re Tophur ful Christophen d commission fornia	Mach. Worl eumatic °F CERTIFIC port are of cr R. Gro CERTIFIC issued by , emplo	Nominal ATE OF COMP correct and Plan ff ATE OF INSP / the Nation byed by	)Replace Operating LIANCE this t Enginee (Tit ECTION nal Board H.S.B.I. 4	Pressure Repl ring Dire :le) of Boile & I. Co.	e Other		nspe
<ol> <li>Description of</li> <li>Tests Conducte</li> <li>Pressure</li> <li>Remarks</li> <li>Remarks</li> <li>We certify that the of the ASME Code.</li> <li>(Owner or Owner's I</li> <li>I, the undersigned and the State or Pher Hartford, CT.</li> </ol>	Work <u>(2)Replace</u> d: * Hydrost _ psi Test Tem e statements had Signed Designee) (C , holding a vali rovince of <u>Cali</u> have inspec	e Bolting (3) atic Pn pp e, in this re toplus for Christophen d commission fornia ted the	Mach. Worl eumatic °F CERTIFIC port are of ff r R. Gro CERTIFIC issued by , emplo Replace	Nominal ATE OF COMP correct and Plan ff ATE OF INSP the Nation byed by ementd	)Replace Operating LIANCE this t Enginee (Tit ECTION nal Board H.S.B.I. 4 escribed	Pressure Repl ring Dire :le) of Boile <u>&amp; I. Co.</u> in this R	e Other		nspec
7. Description of 8. Tests Conducte Pressure 9. Remarks We certify that the of the ASME Code. (Owner or Owner's I I, the undersigned and the State or Pri Hartford, CT. and state that to the	Work <u>(2)Replace</u> d: * Hydrost psi Test Tem e statements had Signed besignee) (C , holding a vali rovince of <u>Cali</u> have inspec the best of my ki	e Bolting (3) atic Pn p e, in this re tophy for hristophen d commission fornia ted the nowledge and	Mach. Worl eumatic *F CERTIFIC port are of Min r R. Gro CERTIFIC issued by , emplo Replace belief, t	Nominal ATE OF COMP correct and Plan ATE OF INSP the Nation byed by ementdo this repair	)Replace Operating LIANCE this t Enginee (Tit ECTION nal Board H.S.B.I. 4 escribed or replace	Pressure Repl ring Dire cle) of Boile <u>&amp; I. Co.</u> in this R cement ha	e Other	   (Date) re Vessel In  ructed in a	nspec
7. Description of 8. Tests Conducte Pressure 9. Remarks We certify that the of the ASME Code. (Owner or Owner's I I, the undersigned and the State or Pri Hartford, CT. and state that to f with Section XI of	Work <u>(2)Replace</u> d: * Hydrost psi Test Tem  e statements rad Signed Designee) , holding a vali rovince of <u>Cali</u> have inspec the best of my ki the ASME Code.	e Bolting (3) atic Pn p e, in this re atophic for hristophen d commission fornia ted the nowledge and By signing ti	Mach. Worl eumatic of CERTIFIC/ port are of Afr r R. Gro CERTIFIC/ issued by , emplo Replace belief, this certif	Nominal ATE OF COMP correct and Plan ff ATE OF INSP the Nation byed by mentdu his repair icate, neit	)Replace Operating LIANCE this t Enginee (Tit ECTION nal Board H.S.B.I. 4 escribed or replace ther the 1	Pressure Repl ring Dire :le) of Boile & I. Co. in this R cement ha Inspector	e Other		nspec
7. Description of 8. Tests Conducte Pressure 9. Remarks We certify that the of the ASME Code. (Owner or Owner's H I, the undersigned and the State or Pri <u>Hartford, CT.</u> and state that to the with Section XI of warranty, expressed	Work <u>(2)Replace</u> d: * Hydrost _ psi Test Tem e statements rad Signed holding a valie rovince of <u>Cali</u> have inspec the best of my ki the ASME Code. I d or implied, com	e Bolting (3) atic Pn p e, in this re atophic for hristophen d commission fornia ted the nowledge and By signing the	Mach. Worl eumatic of CERTIFIC/ port are of the r R. Gro CERTIFIC/ issued by , emplo Replace belief, t his certif repair or	Nominal ATE OF COMP correct and Plan ff ATE OF INSP / the Nation byed by ement icate, neit replacement	)Replace Operating Derating LIANCE this t Enginee (Tit ECTION nal Board H.S.B.I. 4 escribed or replace ther the int described	Pressure <u>Repl</u> ring Dire cle) of Boile & I. Co. in this R cement ha Inspector bed in th	e Other		nspec
7. Description of 8. Tests Conducte Pressure 9. Remarks We certify that the of the ASME Code. (Owner or Owner's I I, the undersigned and the State or Pri Hartford, CT. and state that to f with Section XI of	Work <u>(2)Replace</u> d: * Hydrost _ psi Test Tem e statements and Signed , holding a valie rovince of <u>Cali</u> have inspec the best of my ke the ASME Code. I d or implied, com	e Bolting (3) atic Pn p e, in this re topher for hristopher d commission fornia ted the nowledge and By signing the e liable in a	Mach. Worl eumatic °F CERTIFIC port are of the certific issued by , emplo , emplo  belief, t his certif repair or any manner	Nominal ATE OF COMP correct and Plan ff ATE OF INSP / the Nation byed by ement icate, neit replacement	)Replace Operating Derating LIANCE this t Enginee (Tit ECTION nal Board H.S.B.I. 4 escribed or replace ther the int described	Pressure <u>Repl</u> ring Dire cle) of Boile & I. Co. in this R cement ha Inspector bed in th	e Other		nspec
7. Description of 8. Tests Conducte Pressure 9. Remarks We certify that the of the ASME Code (Owner or Owner's H I, the undersigned and the State or Ph <u>Hartford, CT.</u> and state that to the with Section XI of warranty, expressed Inspector nor his e	Work (2)Replace d: * Hydrost _ psi Test Tem e statements rad Signed holding a valie rovince of <u>Calie</u> have inspec the best of my ke the ASME Code. d or implied, com employer shall be innected with this	e Bolting (3) atic Pn p e, in this re tophur full christophen d commission fornia ted the nowledge and By signing the ncerning the e liable in a s inspection.	Mach. Worl eumatic °F CERTIFIC/ port are of the content content port are of the content port are of the content content port are of the content	Nominal Nominal ATE OF COMP correct and Plan ff ATE OF INSP the Nation byed by <u>l</u> ment do his repair icate, neif replacement for any po	)Replace Operating Operating LIANCE this t Enginee (Tit ECTION nal Board H.S.B.I. 4 escribed or replac ther the int described or replace	Pressure Repl ring Dire :le) of Boile & I. Co. in this R cement ha Inspector bed in th njury or	e Other lacement ector er and Pressu eport on is been const nor his emp is Report. F		nspec

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 4 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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1. Owner <u>Pac</u>	ific Gas and	Electric	Company		-		Date <u>June</u>	
	77 Beale St	<u>reet, San</u>	Francisc	co, CA 94	1106	_	Sheet	2 of5
2. Plant <u>Di</u>	ablo Canyon .0. Box 56,	Power Plan Avila Beac	t h CA 93	8424			Unit <u>1</u>	_
		it itu bede						
3. Work Performed	by Own	ner						
		e Above			Re	pair Org.	P.O. No., J	ob No., etc.
					-	•	-	·
4. Identification	of System Tu	rbine Stea	um Supply	y System	(04) (C	lass 2)		
				Stamp Co				······································
5. (a) Applicable	Construction C					, Code C	ases N/A	l i i i i i i i i i i i i i i i i i i i
(b) Applicable	Edition of Sec	tion XI Util	ized for R	lepairs or R	eplacemen	ts - 19	77, S <sup>1</sup> 78 Adde	enda, Code Cases N/
5. Identification								
	· · · · · · · · · · · · · · · · · · ·							
Name of	Name of	Mfrs. Ser.	Nat'l	Work Order	Other	Year	Repaired	ASME Code
Component	Mfr.	No.	Bd. No.	No.	Ident.	Built	Replaced, or	Stamped
	1	1	1	1	Line No.	Ì	Replacement	(Yes or No)
	1	1	1	1	1	1	1 .	
5) MS-1-RV-58	Dresser	BM07851	N/A	C0100060	1066	Unknown	Replacement	DRAFT ASME B&PV 68
5) MS-1-RV-59	Dresser	BM01747	N/A	C0100061	1066			DRAFT ASME B&PV 68
5) MS-1-RV-60	Dresser	BM07564	I N/A	C0100062	1066			DRAFT ASME B&PV 68
5) MS-1-RV-12	Dresser	BM07856	I N/A	C0100063	1065			DRAFT ASME B&PV 68
5) MS-1-RV-13	Dresser	BM07860	I N/A	C0100064	1065			DRAFT ASME B&PV 68
5) MS-1-RV-14	Dresser	BM07864	N/A	C0100065	1065	Unknown	Replacement	DRAFT ASHE B&PV 68
5) MS-1-RV-03	Dresser	BM07848	I N/A	_C0100897				DRAFT ASME B&PV 68
5) MS-1-RV-07	Dresser	BM07849	N/A	C0100899				DRAFT ASHE B&PV 68
4/5) MS-1-RV-11	Dresser	BM07850	I N/A	C0100900				DRAFT ASME B&PV 68
4) MS-1-RV-04	Dresser	BM07854	1 N/A	C0100979				DRAFT ASNE B&PV 68
4) MS-1-RV-08	Dresser	BM07855	I N/A	C0100981				IDRAFT ASME B&PV 68
4) MS-1-RV-10	Dresser	BM07863	I N/A	C0100982	0227			DRAFT ASHE B&PV 68
4) MS-1-RV-59	Dresser	BM01747	I N/A	C0100983	1066			DRAFT ASHE B&PV 68
4)_MS-1-RV-60	Dresser	BM07564	I N/A	C0100984	1066			IDRAFT ASME B&PV 68
2) MS-1-FCV-38	Velan Valve	Unknown_	N/A	C0101951				IDRAFT ASME B&PV 68
2)_MS-1-FCV-37	Velan Valve	Unknown	I N/A	C0101955	0593	Unknown	Replacement	DRAFT ASME B&PV 68
4) MS-1-RV-225	Dresser	BM07869	I N/A	C0102943	1066	Unknown	Replacement	DRAFT ASME B&PV 68
4) MS-1-RV-225	Dresser	BM07869	I N/A	C0103207	1066	Unknown	Replacement	DRAFT ASME B&PV 68
4) MS-1-RV-14	Dresser	BM07864	I N/A	C0103206				DRAFT ASME B&PV 68
3)S/G1-3 H/H Flang			68-14	C0104350				ASME III 68
3)S/G1-3 H/H Cover	sWestinghouse	1043	68-14	C0104369	N/A			ASME III 68
3)S/G1-1 H/H Flang			68-12	C0104393	N/A			ASMS III 68
3)S/G1-1 H/H Cover		1041	68-12	C0104394				ASME III 68
3) MS-1-RV-11 spar	1	BM07850	N/A	C0105514		Unknown		ASME III 68

9. Remarks (2)Replace bolting (3)Mach. work repair (4)Replace internals (5)Replace valve (Applicable Manufacturer's Data Reports to be attached)

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1.	Owner Pacif	fic Gas and	Flectric (	Company				Date June	
1.		7 Beale St			:o, CA 94	106	·····	Sheet	
2.	Plant Diat	olo Canyon . Box 56, /	Power Plant Avila Beach	t n CA 93	424			Unit <u>1</u>	-
3.	Work Performed b		ner e Above	<u> </u>		Rej	pair Org.	P.O. No., J	ob No., etc.
4.	Identification o	f System <u>Tu</u>					ass 2)		
			•		Stamp Co		ь		
5.	(a) Applicable C	onstruction C	ode		ition				
_								<u>77, S'78</u> Adde	nda, Code Cases <u>N/A</u>
6.	Identification of	components R	epaired or Re	placed, a	nd Replacem	ent Compo	nents		
Nar	ne of	IName of	IMfrs. Ser.	Nat']	Work Order	Inther	Year	Repaired	ASME Code
	nponent	Mfr.	No.	-		•	-	Replaced, or	-
001	sponeno	1				Line No.		Replacement	•
		Ì	l	i	Ì		i		
(3)	S/G1-2 H/H Face	Westinghouse	1042	68-13	C0104395	N/A	68	Repair	ASME III 68
(3)	S/G1-2 H/H Cover	Westinghouse	1042	68-13	C0104396				ASME III 68
(2)	MS-1-RV-10	Dresser	BM07863	I N/A	C0124128	0227	Unknown	Replacement	IDRAFT ASME B&PV 68
(13)	MS-1-FCV-95	Anchor Darlg	EB209-2-10	N/A	_C0095780_	0593	Unknown	Replacement	ASME III 86
(4)	MS-1-FCV-154	Fisher	4933072	N/A	C0106748	1041	Unknown	Replacement	DRAFT ASME B&PV 68
(3)	MS-1-FCV-95	Anchor Darlg	EB-209-2-10	N/A	C0113695	0760	Unknown	Repair	ASME III 86
		Fisher	4933083	N/A	_C0115125	1041	Unknown	Replacement	DRAFT ASME P&V 68
		Fisher	4933084	N/A	_C0115126_	1042	Unknown	Replacement_	DRAFT ASHE P&V 68
		Fisher	4933085	<u>  N/A</u>	C0115127	1043	Unknown	Replacement	DRAFT ASME P&V 68
(2)		Fisher	4933082	<u>N/A</u>	C0115132	1040	Unknown	Replacement	DRAFT ASME P&V 68
<u> </u>		Velan Valve	BI2-254B-275	<u>N/A</u>	<u>C0119027</u>	0015	Unknown	Replacement	DRAFT ASME P&V 68
(2/3	3) MS-1-FCV-38	Velan Valve	BI2-154B-2TS	N/A	C0119028	0015	Unknown	Replacement	DRAFT ASME P&V 68
(3)	SC-93-7431(Disk)	Schutte&Koer	666499	<u>N/A</u>	C0119692	N/A	Unknown	Replacement	USAS B16.5 68
(2)	MS-1-RV-5	Dresser	BM07858	<u>N/A</u>	C0121891	N/A	Unknown	Replacement	DRAFT ASME B&PV 68
		Dresser	BM07858	<u>N/A</u>	C0121892	N/A	Unknown	Replacement	DRAFT ASHE B&PV 68
		Dresser	_BM07865	<u>N/A</u>	C0121910	N/A	Unknown	Replacement	DRAFT ASME B&PV 68
_		Dresser	BM07865	N/A	_C0121911	N/A	Unknown	Replacement	DRAFT ASME B&PV 68
_		Dresser	BM07868	<u>N/A</u>	C0121917				DRAFT ASME B&PV 68
<u> </u>		Dresser	_BM07868	<u>N/A</u>	_C0121918	N/A	Unknown	Replacement	DRAFT ASME B&PV 68
_		Dresser	BM07866	<u>N/A</u>	_C0121921_				ASME SECT I 68
		Dresser	BM07866	<u>_N/A</u>	_C0121922		Unknown	Replacement	DRAFT ASME B&PV 68
		Dresser	BM07867	_N/A	_C0121923		·	_	DRAFT ASME B&PV 68
<u>(4)</u>	MS-1-RV-225	Dresser	BM07869	<u>N/A</u>	_C0123532	N/A	Unknown	Replacement	DRAFT ASME B&PV 68

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9. Remarks (2)Replace Bolting (3)Mach. WK. Repair (4)Replace Internals (Applicable Manufacturer's Data Reports to be attached) (13) Install New Valve

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1	Owner Pacif	fic Gas and	Flectric (	Company		_		Date June	22, 1994
1.	7	7 Beale Sti	reet, San H	rancisc	o, CA 94	106		_ Sheet	1 of
2.	Plant Diat	olo Canyon . Box 56, /	Power Plant	t				Unit <u>1</u>	-
3.	Work Performed b		ier e Above			Rej	pair Org.	. P.O. No., J	ob No., etc.
	Identification o	· ·	(See	Below -	Stamp Co	lumn)			
	(b) Applicable E Identification of	dition of Sec	tion XI Utili	zed for R	epairs or R	eplacemen	ts - 19_	<u>77, S'78</u> Adde	nda, Code Cases <u>N/A</u>
	me of mponent	Name of   Mfr. 		Nat'l  Bd. No. 	-		Built	Repaired Replaced, or Replacement	-
722	MS-1-RV-225	  Dreesen		   N/A	0122526	1066	<u> </u>  llukumasum	l ·	ASHE Soot I ED
_	MS-1-RV-225 MS-1-RV-13	Dresser Dresser	BM07869	<u>N/A</u>	C0123536				ASME Sect I 68
_	S/G 1-1	Westinghouse	BM07860	N/A 68-12	<u>C0123538</u> C0123863	N/A	· · · · · · · · · · · · · · · · · · ·	Replacement_	ASME III 68
_		Westinghouse		68-12	C0123863	1 N/A		Repair	ASME III 68
_	S/G 1-2	Westinghouse		68-13	C0123864	I N/A			
	MS-1-RV-225	_		N/A		the second second second second second second second second second second second second second second second s	Unknown	Repair	ASHE III 68
	SC-93-7965	Dresser	BM07869 675330	I N/A	C0123999 C0124033				DRAFT ASME B&PV 68
	MS-1-RV-3	Dresser	BM07848	I N/A	C0124033				DRAFT ASME B&PV 68
_	MS-1-RV-4	Dresser Dresser	BM07854	N/A	C0124070				IDRAFT ASME B&PV 68
		Dresser	BM07849	I N/A	C0124100				DRAFT ASME B&PV 68
		Dresser	BM07851	I N/A	C0124100				DRAFT ASME B&PV 68
_		Dresser	BM07862	N/A	C0124110				DRAFT ASME B&PV 68
	MS-1-RV-8	Dresser	BM07855	N/A	C0124113				DRAFT ASME B&PV 68
		Dresser	BM07859	N/A	C0124121	·			DRAFT ASME B&PV 68
		Dresser	BM07853	N/A	C0124120				DRAFT ASME B&PV 68
		Dresser	BM01757	N/A	C0124131			والمراجز والبارية والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمحد والمحد والمحد والمح	DRAFT ASME B&PV 68
		Dresser	BM01751	N/A	C0124139				DRAFT ASME B&PV 68
		Dresser	BM07864	N/A	C0124140				
		Dresser	BM01747	N/A	C0124145				DRAFT ASME B&PV 68
_		Dresser	BM01747 BM01750	N/A	C0124145				DRAFT ASME B&PV 68
		Westinghouse		68-14	C0124147	N/A			
		Westinghouse		68-14				Replacement	
		Westinghouse			<u>C0124387</u>	N/A		Replacement Replacement	ASME III 68
		nese ingliouse	1046	68-13	C0124491	N/A	1200	REDIACEMENT	INSME III DO

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# 9. Remarks (2)Replace Bolting (3)Mach. Work Repair (4)Replace Internals (Applicable Manufacturer's Data Reports to be attached)



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Owner <u>Pact</u>	ific Gas and 77 Beale St			o, CA 94	4106		Date <u>June</u> Sheet	5 of	5
. Plant <u>Dia</u>	ablo Canyon O. Box 56, /	Power Plant	t CA 93	424			Unit <u>1</u>	_	
				- 1			_		
. Work Performed		ier e Above	<u> </u>				. P.O. No., J	ah Na aha	
		ADOVE			Re	bair urg	. P.U. NO., J	ob no., etc.	
. Identification	of System Tu	rbine Stear	n Supply	/ Svstem	(04) (C	lass 2)			
				Stamp Co		f			
. (a) Applicable	Construction C	ode	19 Ed	ition	Addenda	, Code C	ases <u>N//</u>		
(b) Applicable	Edition of Sec	tion XI Utili	zed for R	epairs or R	leplacemen	ts - 19_	77, S'78 Adde	enda, Code Cases	<u>N//</u>
. Identification o	of components R	epaired or Re	placed, a	nd Replacem	ent Compo	nents			
eeneeneenaana Novo of		Mfrs. Ser.		Hank Onder					
Name of Component	Name of Mfr.	•	Nat'l  Bd. No.	Work Order			Repaired Replaced, or	ASME Code	
component	l mrr.	1 10.	iba. no.		Line No.	••	Replaced, or	•	
	1	1	1 	1 F	I I IIIE NO.	1	Inchigrement		
2) S/G 1-2	Westinghouse	1043	68-13	C0124883	N/A	1968	Replacement	LASME TTT 68	
3) S/G 1-4	Westinghouse		68-15	C0125962		1968		ASME VIII 68	
) MS-1-FCV-42	Schuffe&Koer		I N/A	C0125075		N/A		DRAFT ASME P&V	68
4) Line 0227	PG&E	N/A	N/A	C0125193		the second second second second second second second second second second second second second second second s	Repair	ASME SECT I 68	
2) S/G 1-3	Westinghouse		68-14	C0125248			Replacement		
2) S/G 1-4	Westinghouse	1044	68-15	_C0125249	N/A	1968	Replacement	ASME III 68	
5) S/G 1-4	Westinghouse	1044	68-15	_C0125348	N/A	1968	Repair	ASME III 68	
2) S/G 1-1	Westinghouse		6812	C0125504		1968	Replacement		
) Line 1065	PG&E	N/A	N/A	<u>_C0125527</u>			lRepair	ANSI B31.1 67	
2) S/G 1-2	Westinghouse		68-13	C0125768	<u>  N/A</u>		Replacement		
) MS-1-PCV-21	Vulcan	95009	N/A	C0114762				DRAFT ASME P&V	<u>68</u>
) MS-1-FCV-95 *	Anchor Darlg		N/A	C0095781	0593		Replacement		
B) MS-1-2056	Anchor Darlg			<u>C0106157</u>	1041			ANSI B31.1 67	
s/ <u>G</u> 1-1	Westinghouse		68-12	<u>C0104394</u>	N/A			ASME III 68	
3) S/G 1-1 4) Line 0225	Westinghouse		6812	C0123866	N/A			ASME III 68	
(4) MS-1-FCV-151	PG&E    Fisher	N/A 4933071	<u>N/A</u>	<u>_C0124867</u>	0225			ASME I 68	
/ -/ -//		43220/1	_ <u></u>	<u>C0126892</u>	1040	<u>N/A</u>	Repair	DRAFT ASME P&V	68
	<u> </u>		l		r		I	<u>I</u>	
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		<u> </u>			l		l <u> </u>	!	

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9. Remarks (2)Replace Bolting (3)Mach. Work Repair (4) Replace Internals

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(Applicable Manufacturer's Data Reports to be attached) (14)Metal Removal (15)Prep Cavity (5)Replace Valve (\* Hydro-1332 Psi- AMB.Temp.)



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1. Owner Pa	cific Gas an	d Flectric	Company	به جه ها عنا علم اعل امل من حول ب			Date June 3	22. 1994	
1. Owner <u>ra</u>	<u>cific Gas an</u> 77 Beale S <sup>-</sup>	treet, San	Francisc	:o, CA 94	106	·	Sheet 2	22, 1994	
2. Plant D		Power Plan	nt						
3. Work Performe		vner ee Above			Rej	bair Org.	P.O. No., Jo	bb No., etc.	—
<ol> <li>Identificatio</li> <li>(a) Applicabl</li> <li>(b) Applicabl</li> <li>Identification</li> </ol>	e Construction e Edition of Se	(See Code cction XI Util	Below - 19Ec ized for F	Stamp Co lition Repairs or R	lumn) Addenda eplacemen	, Code C ts - 19_	ases <u>N/A</u> 77, <u>S'78</u> Adde	nda, Code Cases <u>N</u>	 N/A
Name of Component	Name of   Mfr. 	Mfrs. Ser.   No. 		No.		Built	Repaired  Replaced, or  Replacement 	Stamped	
(1) 12-146SL	Grinnell	32672	I N/A	C0116799	1665	Unknown	Replacement	ANSI B31.1 69	,
(1) 10-128SL	<b>PSA</b>	0210	N/A	C0119344	0014	Unknown	Replacement	ASME III NF 77	
(8) 66-20R	PG&E	I N/A	N/A	C0120424	1158	Unknown	Replacement	ANSI B31.1 67	
(10) 23-283R	PG&E	N/A	I N/A	C0120614	1140	Unknown	Replacement	ANSI B31.7 69	
(1) 11-18SL	<b>PSA</b>	567	<u>  N/A</u>	C0124519	0014	Unknown	Replacement	ASME III NF 77	
(8) 52-41R	PG&E	N/A	N/A	C0125587	0024	Unknown	Replacement	ANSI B31.1 67	
(10) 11-94SL	IPSA	6862	N/A	C0125212	1195	Unknown	Replacement	ASME III NF 77	
(1) 11-43SL	<u> Grinnell</u>	32436	<u>  N/A</u>	<u>  C0116792</u>	0728	Unknown	Replacement	ANSI B31.1 69	
		<u> </u>	<u> </u>	<u> </u>			<u> </u>	<u> </u>	
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9. Remarks (1) Replaced Hanger (8)Replace Support Parts (10) New Support (Applicable Manufacturer's Data Reports to be attached)

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1. Owner <u>Paci</u>	fic Gas and 77 Beale St	Electric	Company			!	Date June	22, 1994	
	// Beale Sti	reet, San	rrancisc	0, LA 94	1100		_ Sneet	L OF	<u> </u>
2. Plant <u>Dia</u> P.	ublo Canyon 0. Box 56, /	<u>Power Plan</u> Avila Beac	t h CA 93	424		l	Jnit <u>1</u>		
3. Work Performed	by Owr	ier							
• • • • • • • • • • • • • • • • • • • •	See	Above			Rep	bair Org.	P.O. No., J	ob No., etc.	
Identification	of System <u>Re</u>					<u></u>			
(a) Annlieshla	Construction C			ow - Code					
5. (a) Applicable (b) Applicable 5. Identification o	Edition of Sec	tion XI Util	ized for R	epairs or R	eplacemen	ts - 19 <u>7</u>	77, <u>S'78</u> Adde	nda, Code Cas	es <u>N/A</u>
Name of	Name of	Mfrs. Ser.	Nat'1	Work Order	Other	Year	Repaired	ASME Code	
Component		No.		No.	Ident.	Built	Replaced, or	Stamped	
	1		1	l J	Line No.		Replacement	(Yes or No)	
2) RCS-1-8033A	Velan Valve	Unknown	N/A	C0095337	0014	Unknown	Replacement	USAS B16.5 6	8
2) RCS-1-8033B	Velan Valve		N/A	C0095342				USAS B16.5 6	
2) RCS-1-8033C	Velan Valve	Unknown	N/A	C0095344	0013	Unknown	Replacement	USAS B16.5 6	B
2) RCS-1-8033D	Velan Valve		<u>  N/A</u>	C0095346		·		USAS B16.5 6	
2) RCS-1-8000B 3) RCS-1-8028	Velan Valve Anchor Darlg		<u>  N/A</u>   N/A	C0095908 C0115143				USAS B16.5 6	
<ul> <li>Description of 1</li> <li>Tests Conducted: ressure</li> </ul>	: * Hydrost psi Test Tem	atic Pr	eumatic		Operating	Pressure	e Other		
• Remarks									
e certify that the f the ASME Code. S	statements mad	le in this re	port are o	ATE OF COMP correct and Plan	this t Engineen	Repl	acement ector	_conforms to : 7/14/94	
	esignee) 🧍 🤇	Christophe	r'R. Gro	ff	(Tit	le)		(Date)	
Owner or Owner's De			CERTIFIC	ATE OF INSP	FATTON				
Owner or Owner's De	holding a vali	d commission		ATE OF INSP / the Nation		of Boile	r and Pressu	re Vessel Insr	ectors
Owner or Owner's De , the undersigned,	holding a vali ovince of <u>Cali</u>	d commission fornia	issued by	/ the Nation	nal Board	of Boile I. Co.	r and Pressu	re Vessel Insp	ectors of
Owner or Owner's De , the undersigned, nd the State or Pro <u>Hartford, CT.</u>	ovince of <u>Cali</u> have inspec	<u>fornia</u> ted the	issued by , emplo Replace	v the Nation byed by <u>f</u> ment de	nal Board <u>I.S.B.I. 8</u> escribed i	<u>I. Co.</u> n this R	eport on	7-14	of 19 <i>94</i>
Owner or Owner's De , the undersigned, nd the State or Pro <u>Hartford, CT.</u> nd state that to th	ovince of <u>Cali</u> have inspec ne best of my k	fornia ted the nowledge and	issued by , emplo Replace belief, t	y the Nation byed by <u>I</u> <u>ment</u> de his repair	nal Board <u>I.S.B.I. 8</u> escribed i or replac	n this R ement ha	eport on s been consti	$\frac{7-14}{100000000000000000000000000000000000$	of 19 <i>94</i> ordance
Owner or Owner's De , the undersigned, nd the State or Pro <u>Hartford, CT.</u> nd state that to th ith Section XI of t	ovince of <u>Cali</u> have inspec he best of my k the ASME Code.	<u>fornia</u> ted the nowledge and By signing t	issued by , emplo <u>Replace</u> belief, t his certif	y the Nation byed by <u>f</u> ment de his repair licate, neit	hal Board <u>I.S.B.I. 8</u> escribed i or replac ther the I	<u>I.Co.</u> n this R ement ha nspector	eport on s been consti nor his emp	<u>7-14</u> ructed in acco loyer makes ar	of , 19 <u>94</u> ordance v
Owner or Owner's De , the undersigned, nd the State or Pro <u>Hartford, CT.</u> nd state that to th ith Section XI of t arranty, expressed	Dvince of <u>Cali</u> have inspec he best of my k the ASME Code. or implied, co	<u>fornia</u> ted the nowledge and By signing t ncerning the	issued by , emplo <u>Replace</u> belief, t his certif repair or	y the Nation byed by <u>f</u> ment de his repair ficate, neit replacement	nal Board <u>I.S.B.I. &amp;</u> escribed i or replac ther the I nt describ	I. Co. n this R ement ha nspector ed in th	eport on s been constr nor his emp is Report. Fu	7-14 ructed in acco loyer makes ar urthermore, ne	of 19 <u>94</u> ordance Ny either t
Owner or Owner's De , the undersigned, nd the State or Pro <u>Hartford, CT.</u> nd state that to th ith Section XI of t	byince of <u>Cali</u> have inspec the best of my k the ASME Code. or implied, co aployer shall b	fornia ted the nowledge and By signing t ncerning the e liable in	issued by <u>Replace</u> belief, t his certif repair or any manner	y the Nation byed by <u>f</u> ment de his repair ficate, neit replacement	nal Board <u>I.S.B.I. &amp;</u> escribed i or replac ther the I nt describ	I. Co. n this R ement ha nspector ed in th	eport on s been constr nor his emp is Report. Fu	7-14 ructed in acco loyer makes ar urthermore, ne	of 19 <u>94</u> ordance Ny either tl

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8  $1/2 \times 11$  in., (2) information in items 1 through 4 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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• Owner <u>Pac</u>	<mark>ific Gas and</mark> 77 Beale St	Electric	Company				Date June	22, 1994
	// Dedie St	reel, Sali	rrancisc	.U, UA 94	100		_ Sneet	OF2
. Plant Dia	ablo Canyon	Power Plan	t	۰ 			Unit <u>1</u>	
P.	0. Box 56,	Avila Beac	h CA 93	3424			<b>_</b>	
tions Development	ь <b>О</b> ш							
. Work Performed	Se	e Above			Rer	nair Org	. P.O. No., J	ob No., etc.
. Identification	of System <u>Re</u>	eactor Cool	ant Syst	tem (07)	<u>(Class 1</u>	.)		
	~ · · · ·			Stamp Co				
. (a) Applicable								nda, Code Cases N
. Identification d							<u>77, 3778</u> Adde	nda, code cases <u>n</u>
Name of	Name of	Mfrs. Ser.			-	•	Repaired	•
Component	Mfr.	No.	Bd. No.				Replaced, or	
				]	Line No.	] r	Replacement	(Yes or No)
3/4) RCS-1-8000A	Velan Valve	l Unknown	I N/A	C0119210	1 1171	Unknown	  Replacement	USAS B16.5 68
3) RCS-1-8000B	Velan Valve		I N/A	C0119247				USAS B16.5 68
3/4) RCS-1-8000C	Velan Valve	Unknown	1 · N/A	C0119248	1195	Unknown	Replacement	USAS B16.5 68
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9. Remarks (3)Mach. Work Repair (4)Replace Internals (Applicable Manufacturer's Data Reports to be attached)

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L. Owner Pi	acific Gas an	nd Electric	Company			1	Date June	22, 1994	•
	acific Gas an 77 Beale S	Street, San I	rancisc	o, CA 94	1106		Sheet	1 of	2
. Plant	Diablo Canyor P.O. Box 56,	n Power Plan Avila Beacl	t 1 CA 93	424		(	Unit <u>1</u>		
	ned byO		-						
	S	See Above			Re	pair Org.	P.O. No., J	lob No., etc.	
. Identificati	on of System _(	Chemical And	Volume	Control :	System	<u>(08) (C</u>	<u>lass 1/2)</u>	<u></u>	
(b) Applicab	le Construction le Edition of S n of components	Code ection XI Utili	19Ed zed for R	epairs or R	Addenda	, Code C its - 19_	ases <u>N//</u>	<u>A</u> enda, Code Cas	es <u>N/A</u>
Name of	Name of	Mfrs. Ser.		_ ~ ~ ~ ~ ~ ~ ~ ~ ~			 Repaired	IASME Code	
Component	Mfr.			No.		Built 	Replaced, on Replacement	Stamped  (Yes or No)	
8) 73-73R	I PG&E	 [_N/A	I I N/A	l C0081479	0044	1	Replacement	ANSI B31.1 6	7
8) 73-50R	PG&E	N/A	I N/A	C0109570				ANSI 831.1 6	
10) 288-80R	PG&E	N/A	N/A	C0109571	0044	Unknown	Replacement	ANSI 831.7 6	9
8) 73-39R	PG&E	N/A	N/A	C0109574	0047	Unknown	Replacement	ANSI B31.1 6	7
1) 22-515R	IPSA	1375	N/A	C0119317	0058	Unknown	Replacement	ASME III 65	
. Description (	of Work (1)Repla	ace Hanger (8)R	eplace Su	oport Parts	(10)New	Support			
. Tests Conduct	of Work <u>(1)Repla</u> ted: * Hydro	ostatic Pn	eumatic _		•		e Other _		
. Tests Conduct		ostatic Pn Temp	eumatic _		•		e Other _		
. Tests Conduct ressure . Remarks	ted: * Hydro psi Test 1	ostatic Pn Temp	eumatic °F	Nominal (	Operating	Pressure			
. Tests Conduct ressure . Remarks	ted: * Hydro psi Test T	pstatic Pn Temp pade in this rep weight with the rep	eumatic °F CERTIFIC ort are of	Nominal ( ATE OF COMP correct and Plan	Operating	Pressure	acement		 Section
. Tests Conduct ressure . Remarks 	ted: * Hydro psi Test T  the statements r . Signed	ostatic Pn Temp qde, in this re	eumatic *F CERTIFIC port are of * * * * * * * * * * * * *	Nominal ( ATE OF COMP correct and Plan ff	Operating LIANCE this t Enginee (Tit	Pressure Repl	acement ector 1	_conforms to	Section
. Tests Conduct ressure . Remarks e certify that to f the ASME Code. Dwner or Owner's , the undersigne	ted: * Hydro psi Test T the statements r . Signedt s Designee) ed, holding a va	pade in this representation in this representation in this representation is the second secon	eumatic °F CERTIFIC ort are of r R. Gro CERTIFIC issued by	Nominal ( ATE OF COMP correct and  ff ATE OF INSP	Operating LIANCE this <u>t Enginee</u> (Tit ECTION	Pressure Repl ring Dire	acement ector 1	_conforms to ////44 (Date)	
. Tests Conduct ressure . Remarks e certify that the f the ASME Code. Dwner or Owner's , the undersigned the State or	ted: * Hydro psi Test 1 	pade in this rep water in this	CERTIFIC CERTIFIC CERTIFIC CERTIFIC CERTIFIC issued by , emplo	Nominal ( ATE OF COMP correct and  ff ATE OF INSP / the Nation yed by	Operating LIANCE this t Enginee (Tit ECTION nal Board 1.S.B.I. 8	Pressure Repl ring Dire tle) of Boile & I. Co.	acement ector 1/ er and Pressu	_conforms to ////44 (Date)	pectors
. Tests Conduct ressure . Remarks e certify that f f the ASME Code. Dwner or Owner's , the undersigne the State or Hartford, CT.	ted: * Hydro psi Test 1 the statements r . Signedt s Designee) ed, holding a va Province of <u>Ca</u> have insp	pade in this rep www.form this rep www.form this rep for istophen Christophen alid commission alifornia bected the	CERTIFIC CERTIFIC CERTIFIC CERTIFIC Ssued by , emplo	Nominal ( ATE OF COMP correct and  ff ATE OF INSP / the Nation yed by ementde	Operating LIANCE this t Enginee (Tit ECTION nal Board 1.S.B.I. & escribed	Pressure Repl ring Dire tle) of Boile & I. Co. in this R	ector 1 ector 1 er and Pressu	_conforms to /4/44 (Date) re Vessel Ins 7-/4	pectors of , 19 <i>94</i>
. Tests Conduct ressure . Remarks e certify that the f the ASME Code. Dwner or Owner's , the undersigned the State or <u>Hartford, CT.</u> nd state that to	ted: * Hydro psi Test T the statements r . Signedt s Designee) ed, holding a va Province of <u>Ca</u> have insp o the best of my	Ade in this re weight of the rest weight of the rest Christophen Christophen alid commission alifornia bected the v knowledge and	CERTIFIC OF CERTIFIC OF CERTIFIC SSUED by 	Nominal ( ATE OF COMP correct and  TF OF INSP the Nation yed by mentde this repair	Operating LIANCE this t Enginee (Tit ECTION nal Board t.S.B.I. 4 escribed or replace	Pressure Repl ring Dire tle) of Boile & I. Co. in this R cement ha	ector 1 ector 1 er and Pressu eport on s been const	conforms to /4/44 (Date) re Vessel Ins 7-/4 ructed in acc	pectors of , 19 <i>94</i> ordance
. Tests Conduct ressure . Remarks e certify that the f the ASME Code. Dwner or Owner's , the undersigned the State or <u>Hartford, CT.</u> nd state that to ith Section XI of	ted: * Hydro psi Test T the statements r . Signedt s Designee) ed, holding a va Province of <u>Ca</u> have insp o the best of my of the ASME Code	pade in this representation Pn Temp www.forlow future Christophen Christophen alid commission alifornia pected the v knowledge and s. By signing th	CERTIFIC OF CERTIFIC OF ATE OF R. GTO CERTIFIC issued by emplo Replace belief, t	Nominal ( ATE OF COMP correct and Plan ff ATE OF INSP / the Nation yed by imentde this repair ficate, neit	Operating LIANCE this (Tit ECTION nal Board 1.S.B.I. 4 escribed or replace ther the 1	Pressure Repl ring Dire tle) of Boile & I. Co. in this R cement ha Inspector	ector 1/ ector 1/ er and Pressu eport on s been const nor his emp	conforms to /4/44 (Date) re Vessel Ins 7-/4 ructed in acco loyer makes a	pectors of , 19 <i>94</i> ordance ny
. Tests Conduct ressure . Remarks e certify that the f the ASME Code. Dwner or Owner's , the undersigned the State or Hartford, CT. and state that to ith Section XI of arranty, express aspector nor his	ted: * Hydro psi Test T the statements r . Signedt s Designee) ed, holding a va Province of <u>Ca</u> have insp o the best of my	alid commission Alifornia pected the knowledge and be liable in a	CERTIFIC Ort are of R. Gro CERTIFIC issued by , emplo Replace belief, t is certif repair or any manner	Nominal ( ATE OF COMP correct and  ff ATE OF INSPI the Nation byed by the Station byed by this repair ficate, neit replacement	Operating LIANCE this t Enginee (Tit ECTION nal Board L.S.B.I. & escribed or replac ther the int describe	Pressure Repl ring Dire tle) of Boile <u>&amp; I. Co.</u> in this R cement ha Inspector bed in th	acement ector 7 er and Pressu seport on s been const nor his emp is Report. F	conforms to ////44 (Date) mre Vessel Ins ///// ructed in acco loyer makes an urthermore, no	pectors of , 19 <i>94</i> ordance ny either 1
. Tests Conduct ressure . Remarks e certify that to f the ASME Code. Dwner or Owner's , the undersigne hd the State or <u>Hartford, CT.</u> nd state that to ith Section XI of arranty, express hspector nor his rising from or c	ted: * Hydro psi Test 1 the statements r . Signedt s Designee) ed, holding a va Province of <u>Ca</u> have insp o the best of my of the ASME Code sed or implied, s employer shall connected with t	Adde in this representation Pade in this representation Pade in this representation and the second the version and the version and the version and the pade in the pade	CERTIFIC OF CERTIFIC OF ARE OF CERTIFIC ISSUED by , emplo Replace belief, the repair of any manner	Nominal ( ATE OF COMP correct and Plan ff ATE OF INSP the Nation byed by <u><u></u> ment <u>de</u> this repair ficate, neit replacement for any pe</u>	Operating LIANCE this t Enginee (Tit ECTION nal Board t.S.B.I. 4 escribed or replace ther the in t describes resonal in	Pressure Repl ring Dire tle) of Boile & I. Co. in this R cement ha Inspector bed in th njury or	er and Pressu er and Pressu eport on s been const nor his emp is Report. F property dam	conforms to /4/44 (Date) re Vessel Ins 7-/4 ructed in acco loyer makes an urthermore, no age or loss of	pectors of , 19 <i>94</i> ordance ny either 1
. Tests Conduct ressure . Remarks e certify that to f the ASME Code. Dwner or Owner's , the undersigne hd the State or <u>Hartford, CT.</u> nd state that to ith Section XI of arranty, express hspector nor his rising from or c	ted: * Hydro psi Test 1 the statements r . Signedt s Designee) ed, holding a va Province of <u>Ca</u> have insp o the best of my of the ASME Code sed or implied, s employer shall connected with t	alid commission Alifornia pected the knowledge and be liable in a	CERTIFIC OF CERTIFIC OF ARE OF CERTIFIC ISSUED by , emplo Replace belief, the repair of any manner	Nominal ( ATE OF COMP correct and Plan ff ATE OF INSP the Nation byed by <u><u></u> ment <u>de</u> this repair ficate, neit replacement for any pe</u>	Operating LIANCE this t Enginee (Tit ECTION nal Board t.S.B.I. 4 escribed or replace ther the in t describes resonal in	Pressure Repl ring Dire tle) of Boile & I. Co. in this R cement ha Inspector bed in th njury or	er and Pressu er and Pressu eport on s been const nor his emp is Report. F property dam	conforms to /4/44 (Date) re Vessel Ins 7-/4 ructed in acco loyer makes an urthermore, no age or loss of	pectors of , 19 <i>94</i> ordance ny either 1

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• Owner <u>Pac</u>	cific Gas and 77 Beale S	nd Electric Street, San	<u>Company</u> Francisc	co, CA 94	106		Date <u>June</u> Sheet <u>2</u>	22, 1994 of2
. PlantD1	ablo Canyon .0. Box 56	n Power Plan Avila Beac	t h CA 93	3424		1	Unit <u>1</u>	-
. Work Performe	d by0	wner See Above	•		Rep	pair Org.	P.O. No., Jo	b No., etc.
	E Construction	(See Code Section XI Util	Below - 19Ec ized for F	• Stamp Cc iition Repairs or R	lumn) Addenda eplacemen	. Code C ts - 19_3	ases <u>N/A</u>	nda, Code Cases <u>I</u>
. Identification	of components						منا حد حد ذه ها خدا حد حد حد د	
Name of Component	Name of   Hfr.   	Mfrs. Ser.   No.   	-	No.	•	Built	Repaired Replaced, or Replacement	Stamped
B) 54s-27R	PG&E	I N/A	I N/A	C0105729	3678	Unknown	Replacement	ANSI B31.1 67
B) 12-109SL	IPSA	1570	I N/A	C0097225	0406	Unknown	Replacement	ASME III NF 77
8) 73-91R	PG&E	N/A	I N/A	C0109572	0044	Unknown	Replacement	ANSI B31.1 67
8) 52-41R	IPG&E	N/A	I N/A	C0125587	0024	Unknown	Replacement	ANSI B31.1 67
10) 22-211SL	<b>IPSA</b>	20258	1 N/A	C0119319	0054	Unknown	Replacement	ASME III NF 77
10) 22-515B SL	IPSA	1375	<u>  N/A</u>	<u>  C0119317</u>	0058	Unknown	Replacement	ASME III NF 77
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9. Remarks (8) Replace Support Parts (10) New Support (Applicable Manufacturer's Data Reports to be attached)

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1. Owner <u>Paci</u>	fic Gas and	d Electric	Company			I	Date <u>June</u>	22, 1994
<b>_</b>	/ Beale St	treet, San	Francisc	0, LA 9	4100		_ Sneet	OF
2. Plant Dial	olo Canyon	Power Plan	nt	_			Unit <u>1</u>	
P.(	. Box 56,	Avila Beac	h CA 93	3424			-	
3. Work Performed t	у <u>О</u> ₩	mer					_	
		ee Above			Re	pair Org.	P.O. No., J	ob No., etc.
4. Identification of	of System C	hemical And	i Volume	Control	System (	(08) (C	lass 1/2)	
				ow - Code				<u>.</u>
5. (a) Applicable (	onstruction /	Code	19 Ed	lition	Addenda	, Code C	ases <u>N/A</u>	<u></u>
							<u>77, S'78</u> Adde	nda, Code Cases <u>N</u>
5. Identification of	components l	Repaired or R	eplaced, a	nd Replacer	ent Compo	nents		
Name of	Name of	IMfrs. Ser.	  Nat'1	Work Order	·lOther	 IYear	Repaired	IASME Code
Component	Mfr.	No.	-	-	-	•	Replaced, or	·
	l	1	Ì		Line No.		Replacement	-
////		<u> </u>			<u> </u>	<u> </u>		
(11)Line 0044 elbow (11) Line 404	PG&E	<u>  N/A</u>   N/A	N/A   N/A	C0080334			Replacement Replacement	
	IPG&E	1 N/A	N/A	C0081079			Replacement	
	IPG&E	1 N/A	N/A	C0081079			Replacement	
	PG&E	N/A	N/A	C0096773				ASNI B31.7 69
(13) CVCS-1-8388A			N/A	C0097312			Replacement	
Tests Conducted: ressure Remarks( <u>* Line</u> * Line 404,405,	psi Test Te 0044 Elbov 406-Hydro-1	emp. w-Hydro-242 755 psi-amb	°F psi-200 pient te	) deg f.) st temp.)				
* FE-110, Line	<u>)736-Hydro</u>	<u>-140 psi-&lt;</u>	200 deg	f.)(*CVC	<u>S-1-838</u>	BA Line	47-Hydro-	3419 psi-ambien
~~~~			CERTIEIC	ATE OF COMP	TANCE	******		بدر بدر مر مر ک ک ک ک جا بدر ما ما اخا ما بدر
e certify that the s f the ASME Code. Si	statements ma	de in this de	port are	correct and	this	Repl	acement	conforms to Sectio
f the ASME Code. Si	gned	Mintophen a	Sign	Plan	t Enginee	ring Dire	ctor	7/14/94
Owner or Owner's De	;ignee)	Christophe	r R.º Gro	off	(Tit	:1e)		(Date)
		V		ATE OF INSP		-		
, the undersigned, I	iolding a val	id commission	issued by	/ the Nation	nal Board	of Boile	r and Pressu	re Vessel Inspector
nd the State or Prov Hartford, CT.	ince of <u>Cal</u>	1fornia	, emplo	byed by <u>I</u>	I.S.B.I. 8	<u>i I. Co.</u>	·····	<u> </u>
nd state that to the	nave inspe	cted the	Keplace	ement de	escribed i	in this R	eport on	$\frac{7}{-14}$ , 19 <u>9</u>
ith Soction YI of th	e ASMF Code.	Ry signing t	berner, i his contif	nis repair Ficato noti	or replac	ement na	s been consti	ructed in accordance
	r implied. c	oncerning the	repair or	replacement	at describ	nspector	is Report Fi	loyer makes any wthermore noither
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Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11 in., (2) information in items 1 through 4 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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1.	Owner <u>Pacif</u>	fic Gas and	<u>Electric</u>	ompany				Date <u>Jun</u>	<u>e 22</u>	, 1994	
	7	7 Beale St	reet, San F	rancisc	<u>:0, CA 94</u>	106		Sheet	2	of	3
2.	Plant Diat	lo Canvon	Power Plant	<b>•</b>			1	Unit 1			
•		Box 56,			424		······· `	<u>_</u>			
	Work Performed b	y Owr	ier								
		See	e Above			Rep	air Org.	P.O. No.,	Job	No., etc.	
•	Identification o	f System <u>Ch</u>					<u>08) (C</u>	<u>1ass_1/2</u>	)		
					Stamp Co						
•	(a) Applicable C										
	(b) Applicable E				•	•		<u>77, S'78</u> A	ddenda	a, Code Cas	es <u>h</u>
. 1	Identification of	components R	epaired or Re	placed, a	nd Replacem	ent Compos	nents				
					Hank Orden						
		Name of Mfr.		Nat'l  Bd. No.	Work Order	-		Repaired	-	SME Code	
COI	ponent	mir. 	no. 	100. NO.	-	Line No.		Replaced,	-	•	
		l 1		j I	i 1 ·	IL me no.	1	i kepiacemen I	nr 1() L	res or no)	
214	CVCS-1-HCV-142	  Masoneilan	Unknown	   N/A	C0102270	0048	linknown			SAS B16.5 6	8
_			802077040000		C0107138					SAS B16.5 6	_
		IPG&E	N/A	1 N/A	C0109909			Replacemen			<u> </u>
		PG&E	N/A	N/A	C0109911			Replacemen			
14)	R.O. 515	PG&E	N/A	N/A	C0110440	فكالمستعدين المستخرين فيتقافنه		Replacemer		أأكر والمتحد والمتحد والمتحد والمتحد والمتحد	
		PG&E	N/A	N/A	C0110440	6125	Unknown	Replacemer	nt IAS	SME III 83	
14)	R.O. 517	PG&E	N/A	N/A	C0110440	6130	Unknown	Replacemen	nt IAS	SME III 83	
		Des-Monies	DC211	N/A	C0112095	N/A	Unknown	Replacemer	nt  DF	RAFT ASME P	&V 68
		Anchor Darlg		<u>N/A</u>	C0112702	0041	Unknown	Replacemer	nt IUS	AS B16.5 6	8
_		Pacific Pumps		<u>N/A</u>	C0118221	N/A	Unknown	Replacemer	nt AS	ME III 68	
_	CVCS-1-LCV-112B				_C0119014					AS B16.5 6	
		Anchor Darlg		<u>N/A</u>	C0119017					AS B16.5 6	وسبية الشقاطين
		Velan Valve	Unknown	N/A	<u>C0119139</u>					AS_B16.5 6	3
		Pacific Pps.		<u>N/A</u>	C0119230			Replacemen			
		Anchor Darlg		N/A	C0119309					AS B16.5 6	
	) CVCS-1-LCV-460		P00132-1	<u>N/A</u>	C0121471					AS B16.5 6	
_		PG&E	<u>_N/A</u>	<u>N/A</u>	C0125535					SI B31.7 6	
		Velan Valve	Unknown	N/A	_C0095754					AS B16.5 6	
		Velan Valve	Unknown	<u>N/A</u>	_C0095755_					AS B16.5 6	
		Velan Valve	Unknown	<u>N/A</u>	_C0095757					AS B16.5 68	
		Velan Valve   Velan Valve	Unknown	<u>N/A</u>	_C0095758_					AS B16.5 68	
		Velan Valve	Unknown   9847-70	<u>N/A</u>	<u>C0095759</u>					AS B16.5 68	
		Goulds Pps.	792A178.1	N/A N/A	_C0095801   C0096441			Replacemen Replacemen		AS B16.5 68	<u>،</u>

9. Remarks (2)Replace Bolting (3)Mach. Work Repair (4)Replace Internals (12)New Pipe (Applicable Manufacturer's Data Reports to be attached) (14)Fabricate R.O. (15)Replace Washers (16)Fabricate Spacer Ring (\*PDP Line 44-Hydro-275 psi-67.1 deg f) (\*Line 47-Hydro-3419 Psi-55 deg f.)



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1. Owner Pacif	Fic Gas and	Electric (	Company				Date <u>June</u>	22, 1994
7	7 Beale St	reet, San F	rancisc	:o, CA 94	106		_ Sheet3	$3_{3}$ of $3_{3}$
2. Plant Dial P.C	olo Canyon . Box 56, /	Power Plant Avila Beach	t CA 93	424			Unit <u>1</u>	-
3. Work Performed b	oy <u>Owr</u> See	ner e Above			, Rej	pair Org.	. P.O. No., Jo	ob No., etc.
4. Identification of	of System <u>Ch</u>	emical Volu (See	<u>ume And</u> Below -	Control Stamp Co	System ( )lumn)	(08) (C	1ass 1/2)	
<ol> <li>(a) Applicable C</li> <li>(b) Applicable E</li> <li>Identification of</li> </ol>	dition of Sec	ode tion XI Utili	19 <u> </u>	ition epairs or R	Addenda eplacemen	ts - 19_		nda, Code Cases <u>N/A</u>
Name of Component		Mfrs. Ser.		Work Order   No.	Other	Year   Built	Repaired  Replaced, or  Replacement	
(2/4) CVCS-1-FCV-128		l I Unknoum		C0099627	1 2670	İ	· ·	USAS B16.5 68
		Unknown		C0102485				
	Velan Valve			C0102485				DRAFT ASME P&V 68 USAS B16.5 68
	Vulcan Inc.			C0105983				USAS B16.5 68
(2) CVCS-1-8458A	IGrinnell	Unknown	N/A	C0103983				USAS B16.5 68
	Grinnell	Unknown	I N/A	C0124237	صنياد المحدد بيروج بمطاكمة			USAS B16.5 68
	Grinnell	Unknown	I N/A	C0124297				USAS B16.5 68
	Grinnell	Unknown	N/A	C0124298				USAS B16.5 68
	Grinnell	Unknown	N/A	C0124303				USAS B16.5 68
	Grinnell	Unknown	N/A	C0124324				USAS B16.5 68
(2) CVCS-1-8461A	Grinnell	Unknown	N/A	C0124324				USAS B16.5 68
	Copes Vulcan		N/A	C0106585				USAS B16.5 68
	Crosby	Unknown	N/A	C0109343				USAS B16.5 68
	IPG&E	N/A	N/A	C0110762				ANSI B31.7 70
	Copes Vulcan		N/A	C0124543				USAS B16.5 68
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9. Remarks <u>(2)Replace Bolting (4)Replace Internals (11)Replace Pipe (14) Replace Bonnet</u> (Applicable Manufacturer's Data Reports to be attached) \* Deferred to next scheduled system pressure test per ASME Sect XI, Code Case N-416 (5) Replace Valve (11) Replace Pipe (4) Replace Internals (\* Line 44- Hydro=134 PSIG @ Ambient temp)

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	77 Poplo	nd Electric Street, San	Company	0 0 0		i	Date June	22, 1994
•	// Deale 3	Street, Sall	Francisc	U, UN 3.	100		_ Sheet	
2. Plant	Diablo Canyor						Jnit <u>1</u>	
	P.O. Box 56,	Avila Beac	h CA 93	424				
2 Howk Dov	formed by0	wner						
J. MUIK FCI		See Above			Rei	pair Org.	P.O. No., J	ob No., etc.
				<u></u>	-	Ū	-	-
4. Identifi	cation of System	<u>Safety Injec</u>	tion Sys	<u>stem (09)</u>				
			(See Bel	ow – Code	e Stamp	Column)		
5. (a) Appl	icable Construction	Code	19 Ed	ition	Addenda	, Code Ca	nses <u>N/A</u>	nda Cada Casaa 11//
	ation of components						77, <u>5.78</u> Adde	nda, Code Cases <u>N//</u>
			a					·
Name of	Name of	Mfrs. Ser.	Nat'l	Work Order	lOther	Year	Repaired	ASME Code
Component	Mfr.	No.	bd. No.	l No.	Ident.	Built	Replaced, or	Stamped
	l	l	1		Line No.		Replacement	
(0) 15 620	100%5			0105012			Deplement	ANSI B31.7 69
<u>(8) 15-62R</u> (10) 288-79R	PG&E PG&E	<u>  N/A</u>   N/A	<u>  N/A</u>	C0105912				ANSI B31.7 69
(1) 10-4SL	Grinnell	32540	I N/A	C0116788				ANSI B31.1 69
(1) 11-35SL	Grinne]]	32683	I N/A	C0116791				ANSI B31.1 69
(1) 12-8SL	Grinne11	32664	N/A	C0116797				ANSI B31.1 69
(1) 12-70SL	<b>I</b> PSA	103	N/A	C0119346	1976	Unknown	Replacement	ASME III NF 77
ressure	nducted: * Hydro psi Test 7			Nominal	Operating	Pressure	e Other	
). Remarks							• · · · • •	
								· · · · · · · · · · · · · · · · · · ·
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		{	CERTIFIC	ATE OF COMP	LIANCE			
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of the ASME (	Code. Signed	mutopher ma	port are d	correct and Plan	this t_Enginee	ring Dire	ector	7/14/94
of the ASME (	nat the statements ( Code. Signed Ner's Designee)	de in this re Witopuw ha Christophe	port are o Mk r'R. Gro	correct and <u>Plan</u> Plf	this t Enginee (Tit	ring Dire	ector	_conforms to Section 기/4/44 (Date)
f the ASME ( Owner or Own	Code. Signed <u>(</u> ner's Designee)	Christophe	port are ( MK r'R. Gro CERTIFIC	correct and <u>Plan</u> Off ATE OF INSP	this <u>tenginee</u> (Tit ECTION	ring Dire le)	ector	<u>7/14/44</u> (Date)
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f the ASME ( Owner or Own , the unders nd the State	Code. Signed her's Designee) signed, holding a va e or Province of <u>Ca</u>	Christophe Christophe Christophe	r'R. Gro CERTIFIC issued by , emplo	correct and Plan off ATE OF INSP the Nation byed by <u>I</u>	this <u>tenginee</u> (Tit ECTION nal Board H.S.B.I. 8	ring Dire le) of Boile <u>L. Co.</u>	ector r and Pressur	기계계여 (Date) re Vessel Inspectors of
of the ASME ( Owner or Own , the unders nd the State <u>Hartford, (</u>	Code. Signed her's Designee) Signed, holding a va e or Province of <u>Ca</u> Thave insp	Christophe Christophe Alid commission Alifornia Dected the	r R. Gro CERTIFIC issued by 	correct and Plan off ATE OF INSP / the Nation oyed by <u>I</u> ement de	this <u>tenginee</u> (Tit ECTION nal Board H.S.B.I. & escribed i	ring Dire le) of Boile <u>L. Co.</u> in this R	ector r and Pressur eport on	<u>7/4/44</u> (Date) re Vessel Inspectors 
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of the ASME ( Owner or Own , the unders nd the State <u>Hartford, (</u> nd state that ith Section arranty, exp nspector nor	Code. Signed her's Designee) signed, holding a vac or Province of <u>Ca</u> <u>T</u> have insp it to the best of my XI of the ASME Code pressed or implied, his employer shall	Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christ	r R. Gro CERTIFIC issued by , emplo Replace belief, t his certif repair or any manner	orrect and Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan Plan	this <u>(Tit</u> <u>t Enginee</u> (Tit ECTION nal Board <u>H.S.B.I. 8</u> escribed or replac ther the J nt describ	ring Dire of Boile <u>A I. Co.</u> in this R cement ha inspector ped in th	ector r and Pressur eport on s been constr nor his emp is Report. Fu	1/14/44 (Date) re Vessel Inspectors 7-14, 1994 ructed in accordance loyer makes any urthermore, neither
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of the ASME ( Owner or Own , the unders nd the State <u>Hartford, (</u> nd state that ith Section arranty, exp nspector nor	Code. Signed her's Designee) signed, holding a vac or Province of <u>Ca</u> <u>T</u> have insp it to the best of my XI of the ASME Code pressed or implied, his employer shall	Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe Christophe	r R. Gro CERTIFIC issued by 	correct and Plan Iff ATE OF INSP the Nation yed by <u>I</u> ement de this repair ficate, neit replacement for any pe	this <u>(Tit</u> <u>ECTION</u> nal Board <u>H.S.B.I. 8</u> escribed for or replace ther the J nt describe ersonal in	ring Dire cle) of Boile <u>2 I. Co.</u> in this R cement ha inspector bed in th njury or	ector r and Pressur eport on s been constr nor his emp is Report. Fu	1/14/44 (Date) re Vessel Inspectors 7-14, 19 <u>94</u> ructed in accordance loyer makes any urthermore, neither
f the ASME ( Owner or Own , the unders nd the State <u>Hartford, (</u> nd state the ith Section arranty, exp nspector nor rising from ate Inspector) ( enny D. K	Code. Signed her's Designee) signed, holding a vace or Province of <u>Ca</u> <u>Thave insp</u> to the best of my XI of the ASME Code pressed or implied, his employer shall or connected with t <u>July 14_1994</u> im	Christophe Christophe Christophe Christophe Christophe Christophe Concerning Concerning the Concerning	r R. Gro CERTIFIC issued by , emplo <u></u>	Correct and Plan off ATE OF INSP the Nation byed by <u>l</u> ement de this repair ficate, neil replacement for any pe	this (Tit ECTION nal Board H.S.B.I. & escribed f or replace ther the l nt describe ersonal in Commission bard)	ring Dire of Boile <u>A I. Co.</u> in this R cement ha inspector bed in th bjury or as <u>CA 18</u>	ector r and Pressur eport on s been constr nor his emp is Report. Fu property dama 28 - NB 9990	1/4/44         (Date)         re Vessel Inspectors         01         7-/4         1994         ructed in accordance         loyer makes any         urthermore, neither

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information in items 1 through 4 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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1.	Owner <u>Paci</u>	fic Gas and	<u>Electric</u>	<u>Company</u>	0 0 0	106		Date <u>June</u>	22, 1994 of 2
		T Deale Su	reel, Jan	<u>rrancisc</u>	0, 0 <u>1</u> 34	100		_ 511000	· 01
2.	Plant <u>Dial</u> P.(	blo Canyon D. Box 56,	<u>Power Plan</u> Avila Beac	nt h CA 93	424			Unit <u>1</u>	-
	<u> </u>			,				_	
3.	Work Performed I	byOw	ner				adu Oue	. P.O. No., J	ab No. oto
		36	e Above			ket	bair urga	. P.U. NO., U	JD NO., ELL.
4.	Identification of	of System Sa	fety Injec	tion Sys	tem (09)	(Class	1)		
			(See	Below -	Stamp Co	lumn)			
5.	(a) Applicable (	Construction (	Code	19 Ed	ition	Addenda	, Code C	ases <u>N/A</u>	
_								<u>77, S'78</u> Adde	nda, Code Cases <u>N</u>
5.	Identification of	F components F	Repaired or R	eplaced, a	nd Replacem	ent Compo	nents		
Na	me of	IName of	Mfrs. Ser.	Nat']	Work Order	lOther	lYear	Repaired	ASME Code
	mponent	Mfr.	No.	Bd. No.				Replaced, or	
	•	i	İ	i	•	Line No.		Replacement	-
		1	L	<u> </u>		<u> </u>	<u> </u>	<u> </u>	l
	22-545SL	Anchor Darlg		<u>N/A</u>	<u></u>				ASME III NF 77
	12-123SL	IPSA	33849	<u>  N/A</u>	<u>C0120207</u>				ANSI B31.1 67
	12-140SL	IPSA	17023	<u>  N/A</u>	<u>C0120720</u>				ANSI B31.1 67
	2152-49	PG&E	<u>  N/A</u>	<u>  N/A</u>	C0124727				ANSI B31.7 69
_	247-17R 13-9SL	IPG&E	<u>  N/A</u>   404	N/A N/A	C0124728 C0126339	ويستعد ويعرفه والبار		Replacement	ANSI B31.1 67
	56s-146R	IPG&E	<u>  404</u>   N/A	I N/A					ANSI B31.1 67
<u>0)</u>	JUS-140N			<u> </u>		1 1001	I ONKNOWN	I	
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9. Remarks (1) Replaced Hanger (8) Replaced Support Parts (9) Delete Support Parts. (Applicable Manufacturer's Data Reports to be attached)

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) 1.	Owner <u>Paci</u>	fic Gas and 77 Beale St	Electric ( reet, San F	Company rancisc	o, CA 94	4106		Date <u>June</u> Sheet <u>1</u>	
2.	Plant Dia	blo Canyon	Power Plant	t			1	Unit <u>1</u>	
	P_(	0. Box 56, /	AVIIa Beach	<u>i CA 93</u>	424			_	
з.	Work Performed	by Owr	ner						
			e Above			Rej	pair Org.	P.O. No., Jo	ob No., etc.
	<b>*</b>	.c. Custon Co	fatu Iniaa	tion Suc	+om (00)	(01000	1)		
4.	Identification	or system <u>sa</u>	rely inject	See Bel	rem (09)		<u>L)</u> Column	)	
5.	(a) Applicable	Construction C							
	(b) Applicable	Edition of Sec	tion XI Utili	zed for R	epairs or R	leplacemen	ts - 19_	<u>77, S'78</u> Adde	nda, Code Cases <u>1</u>
6.	Identification o	f components R	epaired or Re	placed, a	nd Replacem	ent Compo	nents		
Nat	 me of	Name of	IMfrs. Ser.	  Nati]	Work Order	·		Repaired	IASME Code
	mponent		-	bd. No.				Replaced, or	
	•	i	I	i i		Line No.		Replacement	-
		<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	· ·	
	SI-1-8922A SI-1-8922B	Velan Valve			C0095769 C0095770				USAS B16.5 68 USAS B16.5 68
	) Accum 1-4 Noz*			2566	C0104294				ASME III 68
	) Accum 1-4 Noz*			2566	C0104787			فستستعد وبالتك ويهجون والمتعا المتعاط	ASME III 68
(14)	) Accum 1-4 Noz*	Delta South	41049-69-2	2566	C0105032	<u>  N/A</u>	1968		ASME III 68
(14)	) Accum 1-4 Noz*	Delta South	41049-69-2	2566	C0105380	<u>  N/A</u>	1968	Repair	ASME III 68
Pres 9.	Tests Conducted: ssure Remarks Hydro Tested-	psi Test Tem	np	°F	_ Nominal	Operating	Pressure	, e Other	_
We c of t	certify that the the ASME Code. Si	statements mad	le fin this free Nu tribue (X	ort are c	TE OF COMP orrect and Plan	thic	Repl ring Dire	lacement	conforms to Secti <u>1/14/94</u>
<b>(</b> 0wn	ner or Owner's De	esignee) 70	Christopher	R. Gro	ff	(Tit	:le)		(Date)
т ь	the underedered				TE OF INSP				
and	the State or Pro	vince of Cali	d commission	ISSUED Dy	the Nation Ved by	NAIBOARD HSRT \$	01 R0116	er and Pressu	re Vessel Inspecto
Ha	artford, CT.	have inspec	ted the	Replace	ment d	escribed i	in this R	leport on	7-14 . 19
and with	state that to th Section XI of t ranty, expressed sector nor his em	e best of my k he ASME Code. or implied, co ployer shall b	nowledge and By signing th ncerning the	belief, t is certif repair or ny manner	his repair icate, nei replacemen	or replac ther the l nt descrit	cement ha Inspector Ded in th	s been constr nor his empl is Report. Fu	ucted in accordan
Insp	100 Trom or com								

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is  $8 1/2 \times 11$  in., (2) information in items 1 through 4 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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L. Owner <u>Pacif</u> 7	fic Gas and 7 Beale St	Electric reet, San I	Company Francisc	o, CA 94	1106	<sup> </sup>	Date <u>June</u> Sheet <u>2</u>	22, 1994
2. Plant Diab		Power Plan	t			I	Jnit <u>1</u>	_
. Work Performed b		er Above	·····		Rej	bair Org.	P.O. No., Jo	ob No., etc.
<ul> <li>Identification o</li> <li>(a) Applicable C</li> </ul>	-	(See	Below -	Stamp Co	olumn)		ases <u>N/A</u>	
(b) Applicable E . Identification of	dition of Sec	tion XI Utili	zed for R	epairs or R	eplacemen	ts - 19 <u> </u>	<u>77, S'78</u> Adde	nda, Code Cases <u>N/</u>
Name of Component	Name of   Mfr.   	Mfrs. Ser. No.	Nat'l  Bd. No.   	•		Built	Repaired Replaced, or Replacement	-
15) Accum 1-1 Noz	Delta South	41048-69-1	2566	C0105581	1 N/A	1968	Repair	ASME III 68
	Delta South		2566	C0105650				ASME III 68
	Delta South	· · · · ·	2566	C0105651				ASME III 68
	Delta South		2566	C0105652	خذابي والبالي معادي والمح			ASME III 68
	Pac. Pumps		1 N/A	C0106928				DRAFT ASME B&PV 68
	Anchor Darlg		I N/A	C0110339				USAS B16.5 68
	Anchor Darlg		N/A	C0110892				USAS B16.5 68
	Anchor Darlg		I N/A	C0112983		Unknown		USAS B16.5 68
	Anchor Darlg		I N/A	C0112985				USAS B16.5 68
	Anchor Darlg		I N/A	C0119018		Unknown		USAS B16.5 68
	Anchor Darlg		N/A	C0119019	ويستعانونها والمستكل	Unknown		USAS B16.5 68
	Walworth Co.	ويتقد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد والمتحد و	I N/A	C0119726				USAS B16.6 68
	Aloyco	Unknown	I N/A	C0122398		Unknown		USAS B16.5 68
	Rockwell	Unknown	I N/A	C0122535				USAS B16.5 68
		N/A	I N/A	C0124549		Unknown		ANSI B31.7 69
		72-N-278-7		C0124549				
16) Accum 1-1 Noz *				C0124750				USAS B16.5 68 ASME III 68
17) Accum 1-1 Noz *				C0124727				
	Velan (	Unknown	N/A			Unknown		ASME III 68
1/2) Line 1980 ***		N/A	N/A	C0125286				USAS B16.5 68
	PG&E	N/A		C0099000		the second second second second second second second second second second second second second second second s	Replacement	
			N/A	C0124549	N/A	Unknown	Kepair	ANSI B31.7 69
	<u> </u>						·····	
		····						

9.	Remarks (15) Metal Removal (14) Install Lift Lug (16) Replace Weld (17) Remove Weld
	(Applicable Manufacturer's Data Reports to be attached)
	(2) Replace Bolting (3)Mach. Work Repair (4)Replace Internals (6)Replace By Welding
	(*Hydro Tested-770 psi-Ambient Temp.) (18) Remove Defect
	(**Hydro Tested-563 psi-Ambient Temp.)
k.	(*** Hydro Tested-2188 psi @ Ambient Temp.)

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			<u>d Electric</u>	Company			I	Date June	22, 1994
	<u> </u>	77 Beale S	treet, San	Francisc	:0, UA 94	4100		_ Sheet	l of <u>3</u>
2.	Plant Dia	blo Canyon O. Box 56,	<u>Power Plan</u> Avila Beac	t h CA 93	424		เ	Init <u>1</u>	
3.	Work Performed	by Ot	wner						
		S	ee Above			Rej	pair Org.	P.O. No., J	ob No., etc.
1.	Identification	of System <u> </u>	Residual Hea	t Remova	al System	(10) ((	Class 1	/2)	
	(a) Applicable (b) Applicable dentification o	Edition of Se	Code	19Ed ized for R	epairs or F	Addenda Replacemen	, Code Ca ts - 19_1	ases <u>N/A</u>	nda, Code Cases <u>N</u>
 Nam	e of	Name of	Mfrs. Ser.	INat!]	IWork Order			Repaired	IASMF Code
	ponent	Mfr. *	•		No.	Ident.	Built	Replaced, or Replacement	Stamped
81	56s-141R	I IPG&E	   N/A	<u> </u>   Ν/Δ		   0108	llinknown	Penlacement	  ANSI B31.7 69
	288-58A	IPG&E	N/A						ANSI B31.7 69
	288-59A	IPG&E	N/A		C0098661				ANSI B31.7 69
	288-68R	IPG&E	N/A		C0098664				ANSI B31.7 69
	288-78R	PG&E	I N/A		C0098669		the second second second second second second second second second second second second second second second s		ANSI B31.7 69
	56s-66A		N/A						ANSI B31.7 69
es:	Tests Conducted sure	psi Test T	emp Pr	•F	Nominal	Operating	Pressure	e Other	
• 1	Remarks								
, I 									****
				CERTIFIC	ATE OF COMP	LIANCE			
		statements	de in this re	CERTIFIC port are o	ATE OF COMP	LIANCE this	Rep1	acement	conforms to Sectio
		statements	ade in this re	CERTIFIC port are o	ATE OF COMP correct and Plan	LIANCE this t Enginee	Repl ring Dire	acement ctor	_conforms to Sectio 
		statements igned esignee)	de in this re Mut muw h	port are o Mr r'R. Gro	correct and <u>Plan</u> Pff	this t Enginee (Tit	Repl ring Dire	acement ector	_conforms to Sectio _1/4/94 (Date)
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e ce th Whe th	ertify that the he ASME Code. S er or Owner's De he undersigned, the State or Pro	holding a va ovince of <u>Ca</u>	 Tid commission <u>lifornia</u>	port are o M r R. Gro CERTIFICA issued by , emplo	correct and <u>Plan</u> off ATE OF INSP the Nation byed by	this <u>t Enginee</u> (Tit ECTION nal Board H.S.B.I. 8	of Boile & I. Co.	r and Pressu	re Vessel Inspector
e ce F th Dwne , th nd t <u>Har</u>	ertify that the he ASME Code. S er or Owner's De he undersigned, the State or Pro rtford, CT.	holding a va ovince of <u>Ca</u> have insp	 Tid commission <u>lifornia</u> ected the	port are ( M r R. Gro CERTIFIC issued by , emplo Replace	correct and <u>Plan</u> off ATE OF INSP / the Nation oyed by <u>l</u> ement d	this <u>t Enginee</u> (Tit ECTION nal Board H.S.B.I. 8 escribed f	of Boile I. Co. In this R	r and Pressur	
e ce F th Dwne , th nd t <u>Har</u>	ertify that the he ASME Code. S er or Owner's De he undersigned, the State or Pro rtford, CT. state that to th	holding a va ovince of <u>Ca</u> have insp ne best of my	 Tid commission lifornia ected the knowledge and	port are c R. Gro CERTIFIC issued by , emplo Replace belief, t	correct and <u>Plan</u> off ATE OF INSP / the Nation oyed by <u>lement</u> chis repair	this <u>t Enginee</u> (Tit ECTION nal Board H.S.B.I. 8 escribed f or replace	of Boile <u>I. Co.</u> in this R cement ha	r and Pressur eport on s been constr	re Vessel Inspector: <u>7~/4</u> , 19 <u>9</u> ructed in accordánce
e ce f th Dwne , th <u>Har</u> nd t	ertify that the he ASME Code. S er or Owner's De he undersigned, the State or Pro rtford, CT. state that to th Section XI of t	holding a va ovince of <u>Ca</u> have insp ne best of my che ASME Code	 Tid commission <u>lifornia</u> ected the knowledge and . By signing t	port are o M r R. Gro CERTIFIC/ issued by , emplo Replace belief, t his certif	correct and <u>Plan</u> off ATE OF INSP / the Nation byed by ement chis repair ficate, neit	this <u>t Enginee</u> (Tit ECTION nal Board H.S.B.I. 8 escribed f or replace ther the 1	of Boile <u>2 I. Co.</u> In this R cement ha Inspector	r and Pressur eport on s been constr nor his empi	re Vessel Inspector: <u>7-14</u> , 19 <u>9</u> ructed in accordánce loyer makes any
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Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is  $8 1/2 \times 11$  in., (2) information in items 1 through 4 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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1. Owner <u>Pa</u>	cific Gas a	nd Electric Street, San	Company		100	1	Date June	22, 1994
<u> </u>	77 Beale S	Street, San	Francisc	<u>co, CA 94</u>	1106		Sheet 2	2 of3
2. Plant D	iablo Canyo	n Power Plar	nt				Unit <u>1</u>	
	P.O. Box 56	Avila Beac	h CA 93	3424				_
							-	
3. Work Performe	ed byC	wner						
		See Above			Re	pair Org.	P.O. No., J	ob No., etc.
ь				i.				
4. Identificatio	on of System _	<u>Residual Hea</u>	at Remov	<u>al System</u>	(10) ((	<u>Class 1</u>	/2)	
				<ul> <li>Stamp Co</li> </ul>				
5. (a) Applicabl (b) Applicabl	le Construction	Code	_ 19 Ec	iition	Addenda	, Code C	ases <u>N/A</u>	
(b) Applicabl	le Edition of S	ection XI Util	ized for F	Repairs or R	eplacemen	its - 19_	<u>77, S'78</u> Adde	nda, Code Cases
5. Identification	n of components	Repaired or R	eplaced, a	and Replacem	ent Compo	onents		
						1)/		
Name of	Name of		•	•	-	•	Repaired	
Component	Mfr.	No.	IRG. NO.				Replaced, or	
		l I		!	Line No.		Replacement	(ves or no)
(8) 56s-21V	PG&E	  N/A	   N/A	C0098690	1 1661	<u> </u>  llnknovm	l Bonlacomont	ANSI B31.7 69
(10) 288-65R	IPG&E	N/A	<u>i n/a</u>	C0098706				ANSI B31.7 69
(8) 4-42R	IPG&E	 	<u> </u>	C0098708				ANSI B31.7 69
(8) 288-55R	IPG&E		<u>  N/A</u>	C0098710				ANSI B31.7 69
(8) 56s-146R	IPG&E	N/A	N/A	C0099916				ANSI B31.1 69
(8) 10-33SL	Grinnell	132663	I N/A	C0116789				ANSI 831.1 69
(1) 10-39SL	Grinnell	32666	N/A	C0116789	فسينجز التسمي والمتراكر فيا			ANSI 831.1 69
(1) 12-2A SL	Grinnell	31721	I N/A	C0116794				ANSI B31.1 69
(1) 12-28 SL	Grinnell	32678	N/A	C0116795				ANSI B31.1 69
(10) 288-68R	PG&E	<u>IN/A</u>	1 N/A	C0098663				ANSI B31.7 69
(10) 288-69R	IPG&E	IN/A	N/A	C0098665				ANSI 831.7 69
(10) 288-72R	PG&E	  N/A		C0098668	and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second se			ANSI 831.7 69
8) 14-69R	I PG&E	IN/A	I N/A	C0098676				ANSI B31.7 69
10) 55s-135SL	Anchor Dar		I N/A	C0098679				ASME III NF 77
10) 15-82R	IPG&E	IN/A	I N/A	C0098692				ANSI B31.7 69
10) 23-161R	PG&E	IN/A	1 N/A	C0098695				ANSI B31.7 69
10) 23-163R	PG&E	IN/A	I N/A	C0098697				ANSI B31.7 69
10) 23-166R	IPG&E	IN/A		C0098699				ANSI B31.7 69
10) 288-64R	IPG&E	IN/A	I N/A	C0098705				ANSI B31.7 69
10) 288-71R	I PG&E		I N/A	C0098667				ANSI B31.7 69
10) 288-70R	PG&E	IN/A	I N/A	C0098666				ANSI B31.7 69
		IN/A	I N/A	C0098712				ANSI B31.7 69
10) 288-57R	PG&E		1 11/13	1 00030/12				
<u>10) 288-57R</u> 10) 288-56R	IPG&E		I N/A	C0098711				ANSI B31.7 69

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# 9. Remarks (8) Replaced Support Parts (10)New Support (1)Replace Hanger (Applicable Manufacturer's Data Reports to be attached)



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1.	Owner <u>Paci</u>	fic Gas and 77 Beale St	Electric	<u>Company</u> Francisc		106		Date <u>June</u> Sheet 3		
2.	Plant Dia		Power Plan	t				 Unit		
3.	Work Performed I		ner e Above			Rep	pair Org	. P.O. No., J	ob No., etc.	
4. 5.	Identification ( (a) Applicable ( (b) Applicable [	Construction C	(See	Below - 19Ed	Stamp Co ition	lumn) Addenda	, Code C	ases <u>N/A</u>	nda, Code Cases	— N/A
	Identification of			eplaced, a		ent Compo	nents		IASHE Code	, en en er er er
	mponent	Mfr.	No.	Bd. No.	No.	•	Built	Replaced, or Replacement	Stamped	
(10)	) 288-63R	PG&E	N/A	I N/A	C0098704	I 0930	llinknown	  Rep]acement	ANSI B31.7 69	· · · · ·
~	) 288-62R	IPG&E	I N/A	I N/A	C0098703				ANSI B31.7 69	
	) 288-61R	IPG&E	N/A	I N/A	C0098702				ANSI B31.7 69	
	) 288-60R	IPG&E	I N/A	I N/A	C0098701				ANSI B31.7 69	
	4-22SL	IPSA	I N/A	I N/A	C0125312		Unknown		ASME III NF 77	
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9. Remarks <u>(8) Replaced Support Parts (3) Mach. work repair (10) New Support</u> (Applicable Manufacturer's Data Reports to be attached)

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r	ific Gas and 77 Beale Str	reet, San	Francisc	:o, CA 94	106		Sheet	1 of	
2. Plant Dia	0. Box 56, A	vila Beac	h CA 93	424			Unit <u>1</u>		
	<u> </u>						-		
3. Work Performed	by Own	ier		<u>_</u>					
	See	e Above			Rej	pair Org.	P.O. No., J	ob No., etc.	•
4. Identification	of System Res	sidual Hea	t Remova	al System	(10) ((	Class 1	/2)		
			(See Bel	ow - Code	Stamp	Column	)		
5. (a) Applicable	Construction Co	ode	19 Ed	ition	Addenda	, Code C	ases <u>N/A</u>	1	
	Edition of Sect						<u>77, S'78</u> Adde	enda, Code C	ases
6. Identification of	of components Re	epaired or K	eplaced, a	nd Replacem	ent Compo	nents			
Name of	Name of	Mfrs. Ser.	Nat'7	Work Order	Other	Year	Repaired	ASME Code	
Component		No.	•	•	•	•	Replaced, or	-	
	1		I	1	Line No.	1	Replacement	(Yes or No)	)
(3) RHR-1-8742A	Anchor Darlg	EDE20 2 1	· I N/A	0005079	1 0110	  llnknovm	Repair	  ASME III 80	<u></u>
(3) RHR-1-8742B	Anchor Darig			C0095078			Replacement		
(2) FE-641A	PG&E			C0106922			Replacement		
(2) RHR Pp 1-1				C0116037			Replacement		
(3) RHR Hx 1-2	Eng.&Fabric	5155888B	N/A	<u>C0124150</u>	<u>N/A</u>	1968	Repair	ASME VIII 6	58
7. Description of					Operating	Pressure	e Other		
<ol> <li>Description of</li> <li>Tests Conducted</li> <li>Pressure</li> </ol>	: * Hydrost psi Test Tem	atic Pr	neumatic _		Operating	Pressure	e Other		
<ol> <li>7. Description of</li> <li>8. Tests Conducted</li> </ol>	: * Hydrost psi Test Tem	atic Pr	neumatic _		Operating	Pressure	e Other	·	
7. Description of 8. Tests Conducted Pressure 9. Remarks	: * Hydrost psi Test Tem	atic Pr	eumatic °F	Nominal (				×	
7. Description of 8. Tests Conducted Pressure 9. Remarks	: * Hydrost psi Test Tem	atic Pr	eumatic °F	Nominal (			lacement	conforms to	
<ol> <li>7. Description of</li> <li>8. Tests Conducted</li> <li>Pressure</li> <li>9. Remarks</li> <li>9. Remarks</li> <li>We certify that the of the ASME Code. S</li> </ol>	+ Hydrost psi Test Tem statements mad	e in this re	CERTIFIC	Nominal ( ATE OF COMP correct and Plan	LIANCE this t Enginee	Rep ring Dir	lacement ector	 conforms to 7/14/94	
7. Description of 8. Tests Conducted Pressure 9. Remarks	+ Hydrost psi Test Tem statements mad	atic Pr	certific port are r R. Gro	Nominal ( ATE OF COMP correct and <u>Plan</u>	LIANCE this t Enginee (Tit	Rep ring Dir	lacement ector	conforms to	 > Se
<ol> <li>7. Description of</li> <li>8. Tests Conducted</li> <li>Pressure</li> <li>9. Remarks</li> <li>9. Remarks</li> <li>We certify that the of the ASME Code. S (Owner or Owner's D I, the undersigned,</li> </ol>	statements mad signed	e in this re monumentary for the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second seco	CERTIFIC CERTIFIC port are r R. Grc CERTIFIC issued by	Nominal ( ATE OF COMP correct and Plan Off ATE OF INSP y the Nation	LIANCE this t Enginee (Tit ECTION nal Board	Rep ring Dir le) of Boile	lacement ector	conforms to 7/14/94 (Date)	·
<ol> <li>Description of</li> <li>Tests Conducted</li> <li>Pressure</li> <li>Remarks</li> <li>Remarks</li> <li>We certify that the of the ASME Code. S</li> <li>(Owner or Owner's D</li> <li>I, the undersigned, and the State or Pro-</li> </ol>	statements mad igned holding a valio ovince of	e in this re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re monthing re month	CERTIFIC CERTIFIC port are of r R. Grc CERTIFIC issued by emplo	Nominal ( ATE OF COMP correct and  Plan off ATE OF INSP y the Nation byed by	LIANCE this t Enginee (Tit ECTION nal Board 1.S.B.I. 8	Rep ring Dir ile) of Boild & I. Co.	lacement ector	conforms to 7/14/94 (Date)	ispec
<ol> <li>Description of</li> <li>Tests Conducted</li> <li>Pressure</li> <li>Remarks</li> <li>Remarks</li> <li>We certify that the of the ASME Code. S</li> <li>(Owner or Owner's D</li> <li>I, the undersigned, and the State or Pro- Hartford, CT.</li> </ol>	statements mad igned holding a vali have inspec	e in this re monostration fornia ted the	CERTIFIC CERTIFIC port are r R. Gro CERTIFIC issued by , emplo Replace	Nominal ( ATE OF COMP correct and Plan Off ATE OF INSP y the Nation byed by ementde	LIANCE this t Enginee (Tit ECTION nal Board 1.S.B.I. & escribed f	Rep ring Dir Te) of Boild & I. Co. in this F	lacement ector and Pressu Report on	conforms to 7/14/94 (Date) re Vessel In 77-14	ispec
7. Description of 8. Tests Conducted Pressure 9. Remarks We certify that the of the ASME Code. S (Owner or Owner's D I, the undersigned, and the State or Pro- <u>Hartford, CT.</u> and state that to th	statements mad igned holding a vali have inspec he best of my kn	e in this re monostration fornia ted the	CERTIFIC CERTIFIC port are r R. Gro CERTIFIC issued by , emplo Replace	Nominal ( ATE OF COMP correct and  Dff ATE OF INSP y the Nation byed by ementde this repair	LIANCE this t Enginee (Tit ECTION nal Board i.S.B.I. & escribed i or replace	Rep ring Dir ing Dir ing Boile I. Co. in this F cement ha	lacement ector er and Pressu Report on as been const	conforms to 7/14/94 (Date) re Vessel In <u>7-14</u> ructed in ac	ispec
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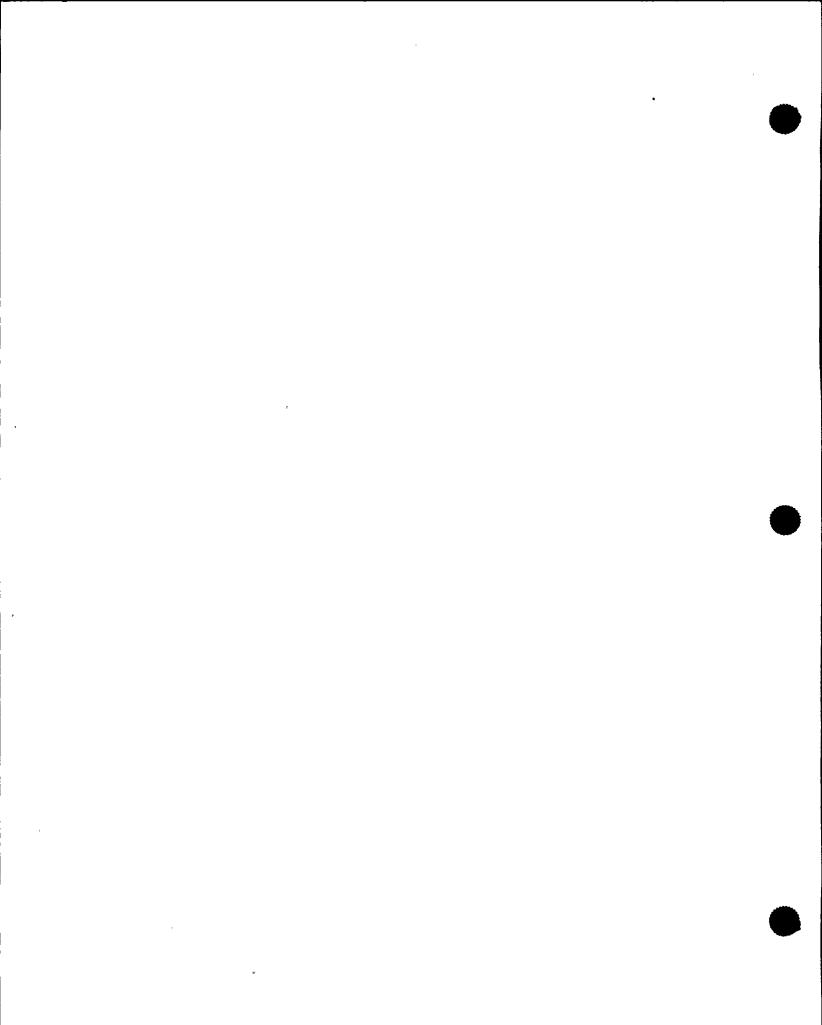
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Name of	Name of	Mfrs. Ser.	Nat'7	Work Order	Other	lYear	Repaired	ASME Code
Component	Mfr.	No.	•				Replaced, or	•
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2) FE-641A	PG&E	<u>  N/A</u>	N/A	<u>C0106922</u>				ANSI B31.7 69
13) HCV-638 *	James Bury	Unknown	N/A	<u></u>	-		Replacement	
13) HCV-670 *	James Bury	Unknown	<u>  N/A</u>	C0099003		·	Replacement_	
13) HCV-637 *	James Bury	Unknown	<u>  N/A</u>	C0099001			Replacement	
13) HCV-638_*	James Bury	Unknown	<u>  N/A</u>	<u>C0099002</u>	0118	Unknown	Replacement	ASME III 83
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9. Remarks <u>(3) Machine Work Repair</u> (Applicable Manufacturer's Data Reports to be attached) <u>(\* Hydro Test Pressure= 750 PSIG at ambient temp.)</u>

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	<u> </u>	cific Gas and 77 Beale Str	eer, Juii	110100	<u>, , , , , , , , , , , , , , , , , , , </u>	100 _		_ 511000	<u>*</u>		
2.	Plant D	iablo Canyon I	Power Plan	nt				Unit <u>1</u>			
		P.O. Box 56, A	vila Beac	h CA 93	424						
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3.	Work Performe	d by Own	er	<u> </u>			anin Ong	. P.O. No., J	loh No	oto	
			e Above			ке	pair urg	. P.U. NO., d	IOD NO.	, 216.	
Δ	Identificatio	n of System <u>CO</u>	ntainment	Spray Sy	vstem (12	) (Class	s 2)	i.			
-10				(See Bel	ow - Code	Stamp	Column	)	•		
5.	(a) Applicabl	e Construction Co	ode	19 Ed	ition	Addenda	1, Code C	ases <u>N//</u>	<u>A</u>		
		e Edition of Sect						77, <u>S'78</u> Add	enda, (	Code Cas	es _
6. I	Identification	of components Re	epaired or R	eplaced, a	nd Replacem	ent Compo	onents				
					Itlaule Oudau	1046.00		 IDonainad	LACHE	Codo	
	ne of nponent		MTTS. Ser.	•				Repaired			
COU	iponenc		n <b>u</b> •	100. 10.	1 10.	Line No.		Replacement			
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(12)	Line 6017/60	38*1PG&E	Unknown	I N/A	C0075977	6017/8	Unknown	Replacement	ANSI	B31.7 6	i9
	CS-1-9002A	Anchor Darlg		N/A	C0112979			Replacement			
(2/3	3) CS-1-9011A	Anchor Darlg		N/A	C0115140			Replacement			
	CS-1-9001A	Anchor Darlg		<u>N/A</u>	C0119021	0264		Replacement			
/ ^ \		Aloyco	Unknown	N/A	C0124157	0326	Unknown	Replacement	USAS		
	CS-1-9006B CS-1-9002B	Anchor Darlg		N/A	C0112982	0265	Unknown	Repair	USAS	B16.5 6	8
<u>(14)</u> 7.	CS-1-9002B Description o	[Anchor Darlg] f Work <u>(2)Replace</u>	6815.69 Bolting (3	)Machine W	ork (14)Wel	ding				<u>B16.5</u> 6	8
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	P	.0. Box 56,	Avila Beac	<u>h CA 93</u>	424			-	
3.	Work Performed	d by O	wner						
		S	ee Above			Rej	bair Org.	P.O. No., J	ob No., etc.
1.	Identification	n of System (	Containment	Spray Sy	stem (12)	) (Class	5 2)		
		· ·		(See Bel	ow - Code	Stamp	Column)		
i.	(a) Applicable	e Construction e Edition of S	Code	19 Ed	ition epairs or R	Addenda eplacemen	, Code Ca ts - 19 J	ases <u>N/F</u> 77. S'78 Adde	enda, Code Cases _
5.	Identification								
Na	 me of	 Name of	Mfrs. Ser.	  Nat'1	 IWork Order	 lOther	  Year	Repaired	IASME Code
	mponent	Mfr.	No.		No.	Ident.	Built	Replaced, or	
		1		1	!	Line No.	1	Replacement	(Yes or No)
B)	16-81R	PG&E	I N/A	N/A	C0119254				ANSI B31.1 67
_	58s-142R	PG&E	I N/A	N/A					ANSI B31.1 67
1)	176-142SL	PG&E	9073	<u> </u>	<u>C0119328</u>	0271	Unknown	Replacement	ASME III NF 77
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2. Plant	<u>Diablo Canyor</u>	n Power Plan	nt			I	Jnit <u>1</u>	
<u></u>	<u>P.O. Box 56</u> ,	Avila Beac	<u>h CA 93</u>	3424			-	
3. Work Perform	ned byO	wner			<u></u>			
	<u> </u>	ee Above			Rej	bair Org.	P.O. No., J	ob No., etc.
4. Identificati	ion of System	Spent Fuel F	it Cool	ong Syster	m (13) (	(Class	2)	
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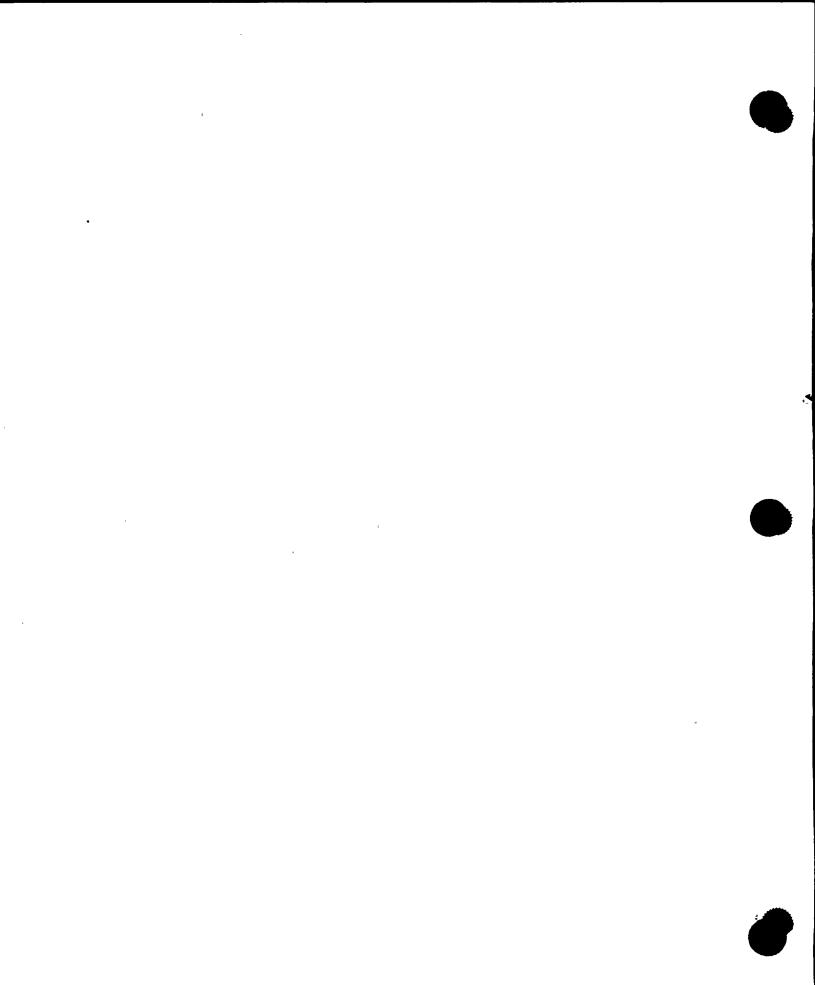
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h.	Owner <u>Paci</u>	<u>fic Gas an</u>	d Electric	Company				Date June	<u>22, 1994</u>	-
		// Beale St	treet, San	Francisc	<u>co, la 94</u>	100		_ Sheet	1 of	
2.	Plant Dia	blo Canyon	Power Plan	it				Unit 1		
	P.(	D. Box 56,	Power Plan Avila Beac	<u>h CA 93</u>	3424			_		
,	Vouk Douformod	h., Mu	mor							
••	Work Performed	Se	e Above		<u> </u>	Re	pair Org	. P.O. No., J	ob No., etc.	
	Identification (	of System <u>V</u>								
	(a) Applicable (	Construction			low - Code				1	
•	(b) Applicable I									ases N/A
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	mponent	Mfr.	No.					Repaired		
	~poneno	1				Line No.		Replacement		)
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_	VAC-1-201	Enertech						Replacement		
	FCV-663 VAC-1-FCV-662	Fisher  Fisher	BF162029	<u>  N/A</u>   N/A	C0106143			Replacement		
1	1/10-10-002		1 10133-2	<u>///</u>		I0047	Toukuowu	Replacement	IDRAFT ASME	Darv Do
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c	ertify that the he ASME Code. Si er or Owner's De	statements	de, in, this re	port are	correct and	this	Repl	lacement		Section
t	he ASME Code. Si	gned	Witepher 16h	<u>M</u>	Plan <sup>®</sup>	t Enginee			9/14/94	
wn	er or uwner's De	signee)	Unristopne	CEPTIEIC	)	· (Tit	le)	(	(Date)	
t	he undersigned,	holding a val	id commission	issued by	ATE OF INSP v the Natior	al Roard	of Roile	er and Pressu	ro Voccol Ir	spectors
d ·	the State or Pro	vince of <u>Cal</u>	ifornia	, emplo	oyed by 1	I.S.B.I. 8	4 I. Co.		IC VC33CI 11	of
Ha	rtford, CT.	have inspe	cted the	<u> </u>	<u>ement</u> de	escribed i	in this R	leport on	7-14	. 19 94
d:	state that to the	e best of my	knowledge and	belief, t	this repair	or replac	cement ha	s been constr	ructed in ac	cordance
tn rr:	Section XI of the anty, expressed	ne ASME Code.	By signing the	his certif	Ficate, neit	her the l	inspector	nor his emp	loyer makes	any
spe	anty, expressed ( ector nor his emp	olover shall	be liable in a	repair of any manner	r replacemen r for any pe	it descric promal in	ped in th Siury or	ns Report. Fi	urthermore,	neither t
is	ing from or conne	ected with th	is inspection	•	ron any pe			property dam	age of 1055	
te	On O	m 12 1902	1/0	n K						
	pector) (	<u> </u>	(State or	D- XM	National Ro	Commission	is <u>CA 18</u>	<u>28 - NB 9990</u>		
	ny D. Kim —	)			nacional DU	uru)				
te:	Supplemental st	neets in form	of lists, ske	etches, or	• drawings m	ay be use	d provid	ed (1) size i	is 8 1/2 x 1	1 in., (2
ror	mation in items	1 through 4	on this data ı	report is	included on	each she	et, and	(3) each shee	et is number	ed and th
aDE	er of sheets is r	ecorded at the	ne top of this	s form.						

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1. Owner <u>Pac</u>	ific Gas and 77 Beale Str	Electric	Company			I	Date <u>June</u>	<u>22, 1994</u>	
<u> </u>	77 Beale Str	reet, San	Francisc	:0, CA 9 <sup>2</sup>	4106		_ Sheet	<u> </u>	1
2. Plant <u>Di</u>	ablo Canyon H .O. Box 56, A	Power Plar Vila Beac	nt h CA 93	424		I	Unit <u>1</u>		
3. Work Performed	iby Own	er							
	See	Above			Rej	pair Org.	P.O. No., J	ob No., etc.	
I. Identification	of System <u>Wa</u>	rehouse St	cock Iter	ns (85) ((	Class 2)	) C - 1			
i. (a) Applicable	Construction Co		•	ow - Code	-	-			
(b) Applicable (b) Applicable Identification	Edition of Sect	tion XI Util	ized for R	epairs or R	teplacemen	ts - 19_	77, <u>S'78</u> Adde	enda, Code Ca	ases <u>N</u>
Name of	Name of	Mfrs. Ser.	  Nat'7	Work Order	lOther		Repaired	IASME Code	
Component	Mfr.	No.	-	-	-	-	Replaced, or	-	
	Į Į		ļ	1	Line No.	1	Replacement	(Yes or No)	)
3) SC-93-7431	Anchor Darlg	H666499	N/A	   C0119692	I	l IUnknown	Repair	IASME III 83	3
3) CCW-1-RV-52		Unknown	N/A	R0064362	I N/A	Unknown		ASME III 83	
2) SC-95-0399	Velan Valve		N/A	C0103461			Replacement		
1) SC-93-7965	Dresser	1743	<u>  N/A</u>	<u></u>	<u>  N/A</u>	Unknown	Replacement	IDRAFT ASHE	B&PV 6
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# Limited Accessibility of Piping Welds



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DIABLO CANYON POWER PLANT

THIRD PERIOD SECOND REFUELING OUTAGE REPORT (1R6) ASME SECTION XI SYSTEMS - CLASS 1 ISI PROGRAM PLAN REQUEST FOR RELIEF #NDE-008 ADDENDA (Note 5)

IT 1

LINE	WELD NUMBER (Note 1)	<pre>% ACCESS (Note 2)</pre>	BASIS (Note 3)	LIMITATION	CODE ITEM (Note 4)
1	WIB-RC-1-18SE	40	2	Fixed RPV insulation blocks scans	B5.50
2	WIB-RC-2-20SE	75	2	Fixed RPV insulation blocks scans	B5.50
3	WIB-RC-3-18SE	75	2	Fixed RPV insulation blocks scans	B5.50
4	WIB-RC-4-18SE	75	2	Fixed RPV insulation blocks scans	B5.50
10	WIB-RC-2-20	75	4	Weld surface contour (taper) inhibits scans	B9.11
11	WIB-RC-3-13	25	4	Weld surface contour (taper) inhibits scans	B9.11
12	WIB-RC-4-13	25	4	Weld surface contour (taper) inhibits scans	B9.11

### NOTES:

- 1. All other welds examined met Code requirements because they had at least 90% coverage or full vee scan from one side.
- 2. Surface examination coverage was 100% for all welds examined during 1R6.
- 3. BASIS: The basis for each weld inaccessibility is classified as follows:
  - 2. Wall or floor penetrations, hangers or components closely adjacent to the examination surface.
  - 4. Surface obstructions, including flanges or the bevels at valve bodies or thick wall fittings. These conditions, when present, may obstruct a portion of the test surface, especially from volumetric examinations due to transducer lift-off.
- 4. CODE ITEM: The ASME Section XI code item provides the specific weld examination requirements, e.g., volumetric and/or surface examination.
- 5. These welds were inspected during Unit 1 sixth refueling outage (1R6). See NDE-008 in Unit 1 ISI Program Plan, Revision 8, for inaccessible welds identified through 1R5.

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