Enclosure PG&E Letter DCL-96-035

INSERVICE INSPECTION REPORT FOR THE UNIT 1 SEVENTH REFUELING OUTAGE

187

·.. {

and a state

G.

.

.

Diablo Canyon Power Plant

.

Unit 1

USNRC Docket No. 50-275

Operating License No. DPR-80

	Commercial Operation Date, May 7, 1985
Prepared By:	Davalthellen James A. Keene
Da	wid L.Wilson ISI Specialist James A. Keene Documentation Specialist
Reviewed By: _	
	James E. Hill ISI Lead Specialist
Approved By: _	- mealing
	David A. Vosburg NSSS Director

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

. ط

, s

TABLE OF CONTENTS

TITLE

- B. ASME Code Data Report Form NIS-1 (Basis of Summary)
 - 1. Class 1
 - Class 2 2.

C. **Class 1 Components**

> 1. Vessels TABLE a. Reactor Vessel 1.1 b. Pressurizer 1,2 c. Steam Generators 1.3 2. Piping 1.4 3. Pumps 1.5 4. Valves 1.6 **Piping Supports** 5. 1.7

D.

E.

F.

A.

Class 2 Components

1.	Vessels	2.1
2.	Piping	2.2
3.	Pumps	2,3
4.	Piping Supports	2.4

- System Pressure Tests
 - **Preservice Inspection Items**
- G. **Repairs and Replacements**
 - 1. ASME Code Data Report Form NIS-2 (Indexed by System)
- H. Piping Welds having limited accessibility
 - 1. Update of Inservice Inspection Program Relief Request NDE-008

5,2

•

•

n .

۰. ۲

SECTION A.

1

.

INTRODUCTION



ین ۱ ۲۰۱۹ ۲۰۱۹

.

X. ·

.

1

•

SECTION A

INTRODUCTION

1

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 seventh refueling outage from September through November, 1995. The DCPP Unit 1 seventh refueling outage (1R7) was the third outage in the third period within the first 10-year ISI interval. This is the final outage of the first ten year interval.

This report is submitted as required by ASME Section XI, paragraph IWA-6220, and is organized in several sections. An introduction is provided in section A. Section B contains the completed 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 1R7 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 1R7 work packages closed prior to December 26, 1995 and for any pre-1R7 work packages closed after June 22, 1994. NIS-2 reports for 1R7 work packages which are closed after December 26, 1995 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. ¹ Section H updates NDE-008 of the Unit 1 ISI Program Plan, revision 8. Eleven (11) limited accessible welds have been added to relief request NDE-008 as a result of the seventh 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-374SE, WIB-71SE, WIB-RC-3-5SE,

¹ Pacific Gas and Electric ISI relief request NDE-008 for limitations at certain pipe welds was submitted 8-22-86; at that time the number of affected welds was uncertain due to recording practices during preservice inspection. Accordingly PG&E committed to periodically revise the relief request as actual accessibility was documented for specific welds during the first interval inspections. This arrangement was approved in NRC letter of 12-14-88, and the first and second period revised lists were approved by NRC 10-25-89 and 9-21-92 respectively. The additional welds identified here complete the list of limitations for the first ISI interval, and are subject to NRC approval.



ч L

. . . r D .

۰ ۲

a ø р 1 с. с.

.

.

.

4

4

WIB-RC-3-6SE, WIB-RC-4-5SE, WIB-RC-4-6SE, WIB-RC-3-12, WIB-RC-4-12, WIB-302A, WIB-RC-3-11.5 A/B and WIB-RC-4-11.5 A/B. 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 10 year interval (plus 1 year ext.) i.e. by May 7, 1996. The ISI Program Plan will be revised to incorporate updated NDE-008 following NRC approval.



.

x

,

5. L

``

•

SECTION B.

ASME CODE DATA REPORT FORM NIS-1



1, 1'











•

.



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.</u>, San Francisco, CA 94106 (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 1 Items

Component or Appurtenance	Manufacturer or installer	Manufacturer or Installer Serial No.	State or Provinc e 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
Pressurizer	Westinghouse	1051	N/A	68-30
RC Pump 1-4	Westinghouse	509	N/A	N/A
RC Pump 1-1	Westinghouse	562	N/A	N/A
RC Pump 1-3	Westinghouse	508	N/A	N/A
	•			

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.

. .

ن • •

•

۵ ۱ ۱ ۱ ۱ ۱

.

•

FORM NIS-1 (back)

9/95 11/95 9. Inspection Interval from <u>6th</u> to <u>7th Refu</u>eling Outage 8. Examination Dates to

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

Refer to ISI Report 12. Abstract of Corrective Measures Recommended and Taken

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.

Date FEB 2 19 96 Signed ENGINZERING DI Owner

N/A N/A Certificate of Authorization No. (if applicable) ____ 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 <u>California</u> and employed by <u>H.S.B.I.& I. Co. of</u> Hartford CT. have inspected the components described in this Owners' Data Report during the period 9/95 ___ to ___ 11/95 ____, 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.

Date Feb: 2 19 9	6	•				
Kenny Br. King	Commissions -	СА	1826,	NB	9990	
Inspector's Signature Kinney D. Kim		National Bo	ard, State, Provi	nce an	d No.	





* L · · · • • • ٤ .

a 🍷 🦾

9, • 10 · · · · · · · · · · · · • • • • • • . e to the second se

7 . . , **

FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner	Pacific Gas & Electric Company, 77 Beale St., San F	<u>rancisco, CA 9</u> 4106				
	(Name and Address of Owner)					
2. Plant	Diablo Canyon Power Plant, P.O. Box 56, Avila Beach	, CA 93424				
	(Name and Address of Plant)					
3. Plant Unit	One4. Owner Certificate of Authorization (if required)	N/A				
		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 Province No.	National Board No.
Steam Gen 1-4	Westinghouse	1044 .	N/A	68-15
Excess Letdown HX 1-1		853	N/A	. 704
Regenerative <u>Heat Exchanger</u>	Joseph Oat & Sons Commerical Energy	1831-3111	N/A	425
Suction Pul- sation Damp	Commerical Energy Products Corp.	0001	N/A	N/A
Centrifugal Chg. Pps. 1-2		45611	N/A	N/A
RHR Heat Exchanger 1-2	Engineers & Fabricators Co.	S15588B	N/A	1111
Class 2 Piping Supports	Various .	N/A	N/A	N/A
Class 2 Piping	M.W. Kellogg/Pullman Power	N/A	N/A	<u>.</u>

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8% 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.



•

.•

·

1

.

1 **,**

. . .

8. Examination Dates 9/95 to 11/95 9. Inspection Interval from 6th to 7th 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 measures taken conform to the rules of the ASME Code, Section XI.

lo 19 9 C Signed ENENEZAING Rv Date .

Certificate of Authorization No. (if applicable) _____N/A____Expiration Date ____N/A___

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.& I. CO.</u> of <u>Hartford, CT.</u> have inspected the components described in this Owners' Data Report during the period <u>9/95</u> to <u>11/95</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.

Date 19 96					
Konny M. tolle Commissions	СА	1826.	NB	9990	
Inspector's Signature	National Board, Sta	ite, Provin	ce and	l No.	





.

. ,

•

-

SECTION C.

×

•

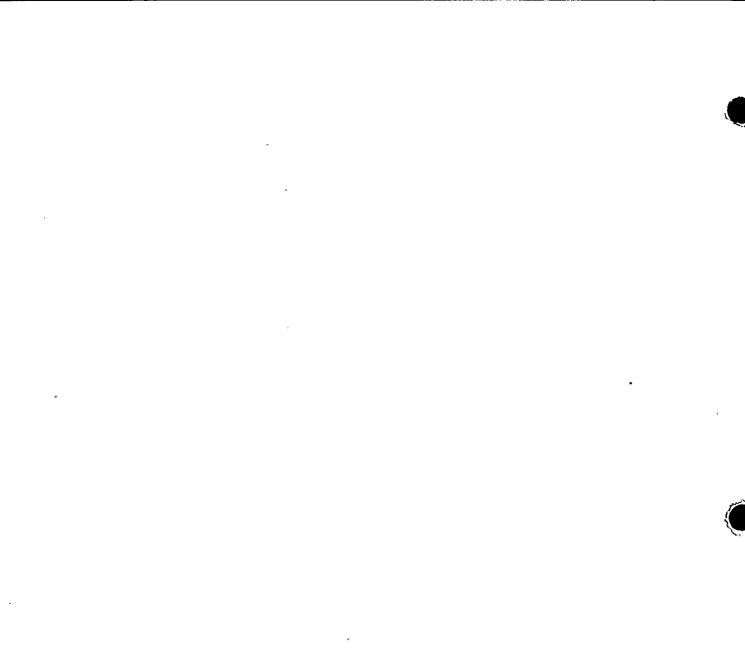
1

11

Ģ

CLASS 1 COMPONENTS

.



.





•

PG&E	•		-		DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIOD TI	IIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: BEACTOR VESSEL	
ASME SECTION >	(I SYSTEMS - CLASS 1				TABLE: _1.1	
					PAGE: <u>1.of.1</u>	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
1TEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	REACTOR VESSEL SIN: C.E. 66104					
В-А	PRESSURE RETAINING WELDS					
B1.22	.MERIQIONAL_WELDS_	WELD NO.				
	CLOSURE HEAD @ STUD # 41 - 42	1-446E	UT ,	AS ACCESSIBLE BELOW CRD VENT SHROUD	WELD 1-446-E LIMITED TO 38" LONG SCAN AREA EXAM AREA 55% <u>RELIEE # NDE Q02</u>	10/6/95
	CLOSURE HEAD @ STUD # 50 -51	1•446F	UT	AS ACCESSIBLE BELOW CRD VENT SHROUD	WELD 1-446-F LIMITED TO 16.5" LONG SCAN AREA EXAM AREA 55% <u>RELIEF # NDE 002</u>	10/5/95
B1.30	SHELL TO FLANGE WELD	WELD_NO.				
		7-442 (FROM FLANGE)	UT	FROM STUD HOLES 12 • 14, & 27	WELD 7-442 EXAM AREA 76%	10/7/95
B1.40	HEAD TO FLANGE WELD	WELD NO.			· · · · · · · · · · · · · · · · · · ·	
		6-446A	υτ	33-1/3% (182")	WELD 6-446-A EXAM AREA >95% FROM HEAD SIDE RELIEE # NDE 003	10/10/95
B·G•1	PRESSURE RETAINING BOLTING LARGER T	Han.2_DIAMETEB				
B6.40	ELANGE LIGAMENTS_					
	FLANGE LIGAMENTS (BETWEEN STUD HOLES)	ISO 1.1-1 RPV LIGAMENTS	UT	LIGAMENT #12	EXAMINED LIGAMENT AT STUD HOLE #12	10/7/95
B-G-2	PRESSURE RETAINING BOLTING 2" DIAME	TER AND LESS			-	
B7.10	MARMON CLAMPS					
	MARMON CLAMPS (BOLTS, STUDS, & NUTS	ISO 1.1-1 CONOSEAL BOLTS	VT-1	15 BOLTS		10/26/95



4

V

•





PG&E					DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIOD	D THIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: PRESSURIZER	·····
ASME SECTIO	DN XI SYSTEMS - CLASS 1				TABLE: <u>1.2</u>	
					PAGE: 1.of.1	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	PRESSURIZER_VESSEL_S/N:1051	-				
B-B	PRESSURE RETAINING WELDS IN VESS	els other than reactor				
B2.11	CIRCUMFEBENTIAL	ISO 1.2-1				
	BOTTOM HEAD TO LOWER COURSE	WELD NO. GIRTH WELD 1	Ŭ	33-1/3% (97")	EXAM AREA 96%	10/17/95
B-H	VESSEL SUPPORTS_					
B8.20	INTEGBALLY_WELDED_ATTACHMENTS	SUPPORT)				
	SUPPORT SKIRT	WELD NO.	UT	33-1/3% (97")	EXAM AREA 100%	10/19/95

WELD NO. GIRTH WELD 10

r.

-

.

33-1/3% (97*)

,

.

e.,

-

•

•

• •

•

. •

-· .



.



.

PG&E					DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIOD T	HIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: STEAM GENERATORS	
ASME SECTION	XI SYSTEMS - CLASS 1				TABLE: <u>1.3</u>	
					PAGE: 1.01.1	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	ТҮРЕ	AMOUNT & EXTENT	& REMARKS	DATE
	STEAM.GENERATORS					
B-B	PRESSURE RETAINING WELDS IN VESS	ELS OTHER THAN REACTOR				\$
B2.40	TUBESHEET TO HEAD WELDS	WELD.NQ.				
•	STEAM GENERATOR 1-2 SERIAL NO. 1042	CHANNEL W 2-1	UT	33-1/3% (12')		10/6/95
	STEAM GENERATOR 1-3 SERIAL NO. 1043	CHANNEL W 3-1	UT	33-1/3% (12')		10/6/95
× i						
B-G-2	PRESSURE RETAINING BOLTING 2" DIA	METER AND LESS		-		
B7.30	BOLTS_STUDS_AND_NUTS					
	STEAM GENERATOR 1-3 INLET MANWAY	NO. 1 TO 16	VT-1	16 STUDS & NUTS	INLET	10/6/95
	STEAM GENERATOR 1-3 · · OUTLET MANWAY	NO. 1 TO 16	` VT-1	16 STUDS & NUTS	OUTLET	10/6/95
	STEAM GENERATOR 1-4 INLET MANWAY	NO. 1 TO 16	VT-1	16 STUDS & NUTS	INLET	10/6/95
	STEAM GENERATOR 1-4 OUTLET MANWAY	NO. 1 TO 16	VT-1	16 STUDS & NUTS	OUTLET	10/6/95

4

. . .

e. . .

~ 4

.

n

ŀ, â.



PG&E



.

DIABLO CANYON POWER PLANT - UNIT 1

1

•

MAJOR ITEM: STEAM GENERATORS

TABLE: <u>1.3</u>

THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7) ASME SECTION XI SYSTEMS - CLASS 1

PAGE: 1_of_1

CATEGORY B-Q STEAM GENERATOR TUBING

ITEM B16.20 U-TUBE DESIGN STEAM GENERATOR

Probe type	Location	S/G 1-1	S/G 1-2	S/G 1-3	S/G 1-4
Bobbin	Full Length	3356	3332	3376	3377
MRPC	Rows 1 and 2 U-bend	180	172	186	188
+Point RPC	WEXTEX Top of Tubesheet	931	1136	941	942
+Point RPC	Dented Support Plates	193	712	244	1032
Plugged Tube Index					
Tubes plugged prior to 1R7		32	56	12	11
Tubes plugged during 1R7		28	70	3	16
Total tubes plugged to date		60	126	15	27



x

1

ı





PG&E					DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIOD	THIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: PIPING (S.E.) WELDS (B-F)	
ASME SECTION	I XI SYSTEMS - CLASS 1				TABLE: <u>1.4</u>	
					PAGE: 1.01.1	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	ТҮРЕ	AMOUNT & EXTENT	& REMARKS	DATE
	PIPING_CLASS_1					
B∙F	PRESSURE RETAINING DISSIMILAR METAL	WELDS				
B5.50	PIPING_SAEE_END_WELDS					
	PRESSURIZER	WELD NO. & LINE NO.				
	PRESSURIZER SPRAY LINE (ISO 1.4-29)	WIB-374-SE S6-15-4SPL	υr	360°	EXAM AREA 25% DUE TO SAFE END EDGE, ROUGH WELD AND NOZZLE CONFIGURATION	10/4/95
	PRESSURIZER SURGE LINE (ISO 1.4-5)	WIB-71-SE *16-14SPL	UT	360°	EXAM AREA 70% DUE TO NOZZLE CONFIGURATION	10/17/95
			PT	360°		10/4/95
						-
	STEAM_GENERATOR	WELD NO. & LINE NO.				
	STEAM.GENERATOR 1-3 REACTOR COOLANT OUT LOOP 3 (ISO 1.4-3)	WIB-RC-3-5SE *3-29SPL	UT	360°	EXAM AREA 60 % NO U.S SCAN DUE TO NOZZLE, OTHER SCANS LIMITED DUE TO MACHINED EDGE IN ELBOW	10/20/95
			PT	360°		10/1/95
	STEAM.GENERATOR 1-3 REACTOR COOLANT PP SUCT LOOP 3 (1.4-3)	WIB-RC-3-6SE *7-31SPL	UT	360°	EXAM AREA 47% NO D.S. SCAN DUE TO NOZZLE, OTHER SCANS LIMITED DUE TO MACHINED EDGE IN ELBOW	10/20/95
			PT	360°		10/1/95
	STEAM GENERATOR <u>1-4</u> REACTOR COOLANT OUT LOOP 4 (ISO 1.4-4)	WIB-RC-4-5SE •4-29SPL	" ` UT	360°	EXAM AREA 32% NO U.S. SCAN DUE TO NOZZLE, OTHER SCANS LIMITED DUE TO MACHINED EDGE IN ELBOW	10/20/95
			PT	360°	-	10/1/95
	<u>STEAM GENERATOR 1-4</u> REACTOR COOLANT PP SUCT LOOP 4 (1.4-4)	WIB·RC-4-6SE *8-31SPL	UT	360°	EXAM AREA 22% NO D.S. SCAN DUE TO NOZZLE, OTHER SCANS LIMITED DUE TO MACHINED EDGE IN ELBOW	10/20/95
			PT	360°		10/1/95



• •

4 u A

• • • v .

,

.



PG&E



.



DIABLO CANYON POWER PLANT - UNIT 1

~

IIRD PERIOD	THIRD REFUELING OUTAGE REPORT (1R7)	MAJOR ITEM: PIPING BOLTING (B-G)				
SME SECTIO	IN XI SYSTEMS - CLASS 1		TABLE: <u>1.4</u>				
					PAGE: <u>1.of_1</u>		
TEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
EM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE	
G-2	PIPING_CLASS_1_CONTINUEQ PRESSUBE RETAINING_BOLTING_2_DIAMETER AND LESS						
7.50							
	BOLTS. STUDS. AND NUTS						

REAC COOL PP 3 SEAL WTR IN (ISO 1.4-44)	S6•56•1.5 FLANGE AT WIB•991/WIB•992	VT-1	4 STUDS & 8 NUTS	10/2/95
CHARGING INJ OUT LOOP 3 C.L. (ISO 1.4-70)	S6•1993•1.5 1•FE•926	VT-1	4 STUDS & 8 NUTS	10/10/95

. . . . A

. .

ı

•







.

-

PG&E					DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIOD T	HIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: PIPING WELDS (B-J)	
ASME SECTION	XI SYSTEMS - CLASS 1				TABLE: <u>1.4</u>	
					PAGE: 1.01.5	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	ТҮРЕ	AMOUNT & EXTENT	& REMARKS	DATE
	PIPING - CLASS 1 CONTINUED					
B-J	PRESSURE RETAINING WELDS IN PIPING					
B9.10, B9.11, B9.12	(4.INCH.&_GREATER)_CIBC_AND_LONGITU	IQINAL_WELQS				
	31_INCH_NOM_DIAMETER	LINE NO. & ISLDWG, NO.				
	REACTOR COOLANT PP SUCT LOOP 3	*7-31SPL (ISO 1.4-3)	UT		WELD WIB-RC-3-12 EXAM AREA 15%(LONG SEAMS 65%) NO US SCAN DUE TO PUMP, NO CIRC SCANS DUE TO OD SURFACE	10/20/95
			^э РТ		CONFIGURATION WELD WIB-RC-3-12 & LONG SEAMS	10/1/95
	REACTOR COOLANT PP SUCT	*8-31SPL (ISO 1.4-4)	UT		WELD WIB-RC-4-12 EXAM AREA 21% (65% FOR LONG SEAMS)NO US SCAN DUE TO PUMP, OTHER SCANS LIMITED BY OD COUNTEF	
			PT		BORE & ELBOW GEO. WELD WIB-RC-4-12 & LONG SEAMS	10/1/95
	10_INCH_NOM_DIAMETER	LINE NO. & ISLDWG. NO.				
	ACCUMULATOR INJECTION LOOP 4	S6-256-10SPL (ISO 1.4-11)	UT		WELD WIB-267	10/19/95
			PT		WELD WIB-267	10/19/95
	8_INCH_NQM_DIAMETER	LINE NO. & ISLDWG_NQ.			· · · ·	
	SIS TO RCS LOOP 2 HOT LEG	S6-2576-8 (ISO 1.4-12)	υτ		WELD WIB-87 EXAM AREA 98%	10/3/95
			РТ		WELD WIB-87	10/3/95

. .

• u I

х , . ж

· , • · · · ·

×

.

.

`

•

. .







•

~1

PG&E					DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIOD TI	HIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: PIPING WELDS (B-J)	
ASME SECTION 2	XI SYSTEMS - CLASS 1				TABLE: _1.4	
				-	PAGE: 2 of 5	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	ТҮРЕ	AMOUNT & EXTENT	& REMARKS	DATE
	PIPING - CLASS_1_CONTINUED					
B-J	PRESSURE RETAINING WELDS IN PIPIN	IG_CONTINUED				
89.10, 89.11, 89.12	14.INCH&GREATER).CIRC. AND LONG	Bitudinal welds continued				
	6.INCH.NOM_DIAMETER	LINE NO. & ISLDWG_NO.				
	SAFETY INJ. LOOP 1 HOT LEG	S6·235·6SPL+ (ISO 1.4-13)	UT		WELD WIB-12	10/3
			PT		WELD WIB-12	10/3
	SAFETY INJ. LOOP 4 HOT LEG	S6-238-6SPL (ISO 1.4-6,1.4-16)	UT		WELD WIB +233	10/13
			PT		WELD WIB -233	10/1/
	4.Inch.nom_diameter	LINE NO. & ISI.DWGNQ.				
	LOOP 2 SPRAY LINE	S6-14-4SPL (ISO 1.4-25, 1.4-28)	UT		WELD WIB-441	10/13
			PT		WELD WIB-441	10/1/
			ͺυτ		WELD WIB-444	10/13
			PT		WELD WIB-444	10/1/
			UT		WELD WIB-439	10/3/
			PT		WELD WIB-439	10/3/

• • •

.

- · ·

۰ ۰ ۰



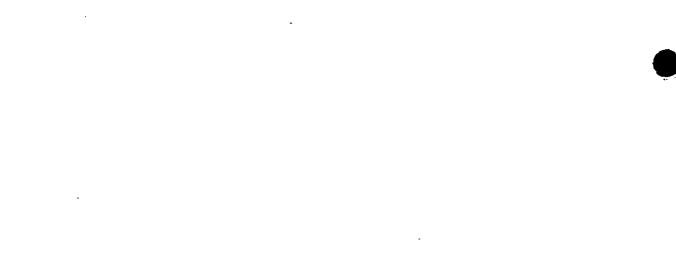




.

7

PG&E					DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIOD	THIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: PIPING WELDS (8-J)	
ASME SECTION	I XI SYSTEMS - CLASS 1				TABLE: <u>1.4</u>	
					PAGE: <u>3 of 5</u>	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	PIPING - CLASS_1_CONTINUED					
B√J	PRESSURE RETAINING WELDS IN PIPING CO	NTINUED				
B9.20 B9.21	less_than_4_inch_nomdiameter					
	3.INCH.NOM	LINE NO. & ISI.DWG_NQ.				
-	CHARGING LINE LOOP 4	S6•246•3SPL (ISO 1.4•34)	рт		WELD WIB-298	10/2/95
	CHARGING LINE LOOP 3	S6+50-3SPL (ISO 1.4-35)	PT		WELD WIB-225	10/2/95
	LETDOWN LINE LOOP 2	S6•24-3SPL (ISO 1.4•37, 1.4•38)	рт		WELD WIB-113	10/1/95
B9.30	BRANCH PIPE CONNECTION WELDS					
B9.31	Nominal Pipe Size Greater Than 2 Inch	I				
	3.INCH NOM_DIAMETER	LINE NO. & BBANCH.WELQ				-
	LETDOWN LINE LOOP 2 (ISO 1.4-2, 1.4-37)	S6-24-3SPL WIB-RC-2-12	рт		WELD WIB-RC-2-12	10/1/95
B9.32	Nominal <u>Pipe Size 2 Inch & Less Nom.</u> Diameter					
	2.inch.nom_riameter	line no. & Branch Weld				•
	LOOP 4 COLD LEG DRAIN RCDT	S6-961-2SPL + WIB-338A	PŤ		WELD WIB-338A	10/1/95
	1.5 INCH.NOM. DIAMETER	LINE NO. & BBANCH_WELD				
	CHARGING INJ OUT LOOP 4 COLD LEG	S6-1994-1.5SPL+ WIB-117A	рт		WELD WIB-117A	- 10/19/95



. ۰. ۲ ۰

× •

r N





a.

-

PG&E					DIABLO CANYON POWER PLANT - UNIT 1	
	DD THIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: PIPING WELDS (B-J)	
ASME SECT	ION XI SYSTEMS - CLASS 1	-			TABLE: <u>1.4</u>	
					PAGE: <u>4 of 5</u>	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	ТҮРЕ	AMOUNT & EXTENT	& REMARKS	DATE
	PIPING CLASS .1. CONTINUED			,		
вJ	PRESSURE RETAINING WELDS IN PIPING.	CONTINUED				
89.40	SOCKET_WELDS					
	2.INCH.NOMDIAMETER	LINE NO. & ISLQWG_NQ.				
	CHARGING LINE AUX SPRAY	S6-4532-2SPL (1.4-40B)	PT		WELD WIB-370E	10/19/95
	REAC COOL PP 1 SEAL WTR IN	S6-54-2 (1.4-42)	PT		WELD WIB-1030B	10/19/95
	REAC COOL PP 2 SEAL WTR IN	S6-55-2 (1.4-43)	PT		WELD WIB-988	10/2/95
	REAC COOL PP 3 SEAL WTR IN	S6·56·2 (1.4·44)	PT		WELD WIB-999	10/19/95
			рт		WELD WIB-992	10/2/95
	REAC COOL PP 4 SEAL WTR IN	S6-57-2 (ISO 1.4-45)	рт		WELD WIB-1016	10/1/95
			рт		WELD WIB-1010	10/1/95
	LOOP 2 COLD LEG DRAIN RCDT	S6·959·2SPL+ (1.4·47)	РТ		WELD WIB-143	10/1/95
	LOOP 4 COLD LEG DRAIN RCDT	S6·961·2SPL + (1.4·49)	PT		WELD WIB-340	10/1/95
	SI PPS COLD LEG LOOP 1 RECIRC	S6-3855-2SPL	PT		WELD WIB-448	10/18/95
	SI PPS COLD LEG LOOP 2 RECIRC	S6-3856-2SPL	РТ		WELD WIB-454	10/4/95







¢

ژ



PG&E					DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIOD	THIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: PIPING WELDS (B-J)	
ASME SECTION	XI SYSTEMS - CLASS 1				TABLE: <u>1.4</u>	
					PAGE: 5.01.5	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	ТҮРЕ	AMOUNT & EXTENT	& REMARKS	DATE
	PIPING - CLASS_1_CONTINUED					
B-J	PRESSURE RETAINING WELDS IN PIPING CO	DNTINUED				
B9.40	SOCKET_WELDS_CONTINUED			*		
	1.5.INCH.NOM. DIAMETER	LINE NO. & ISLRWG_NQ.				
	CHARGING INJ OUT LOOP 1 COLD LEG	S6-1991-1.5SPL+ (1.4-65A)	рт		WELD WIB-49	10/2/95
			PT		WELD WIB-53	10/2/95
	CHARGING INJ OUT LOOP 2 COLD LEG	S6+1992+1.5SPL + (1.4+69)	РТ		WELD WIB-162	10/2/95
			РТ		WELD WIB-173	10/1/95
			рт		WELD WIB-181	10/1/95
			PT		WELD WIB-187	10/1/95
			PT		WELD WIB-182	10/1/95
		-	рт		WELD WIB-189	10/1/95
	CHARGING INJ OUT LOOP 3 COLD LEG	S6-1993-1.5SPL+ (1.4-71)	рт		WELD WIB-302A (EXAM AREA 75%) DUE TO PIPE SUPPORT	10/12/95
1			PT		WELD WIB-285	10/2/95
			PT		WELD WIB-293	10/2/95
			РТ		WELD WIB-277	10/2/95
	CHARGING INJ OUT LOOP 4 COLD LEG	S6-1994-1.5SPL (1.4-658)	рт		WELD WIB-100	10/2/95



s '

۰. ۱

•

:

	Į.
_	

ų



-

٠

PG&E					DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIOD	D THIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: PIPING SUPPORTS (B-K-1, B-K-2)	
ASME SECTIO	ON XI SYSTEMS - CLASS 1				TABLE: <u>1.4</u>	
					PAGE: <u>1.01.1</u>	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	ТҮРЕ	AMOUNT & EXTENT	& REMARKS	DATE
В∙К	PIPING SUPPORTS					
B10.10	SUPPORT.ATTACHMENT					
	JQ.INCH_NOM_DIAMETER	LINE NO. & ISLQWG_NQ.				
-	ACCUMULATOR INJECTION LOOP 3	S6-255-10SPL + (1.4-10)	рт	ATTACHMENT	SUPPORT 57N-4V	10/24/95
	6_INCH_NOM_DIAMETER	LINE NO. & ISLQWGLNQ.				
	RHR PP 1-1 INJ COLD LEG 2	S6·3845·6SPL+ (1.4·18)	PT	ATTACHMENT	SUPPORT 42-44V	10/19/95
	RHR PP 1-2 INJ COLD LEG 4	S6·3847·6SPL + (1.4-20)	PT	ATTACHMENT	SUPPORT 58N-60R	10/19/95

-

.

.

• • • • • •

, . •

,

, ,





• •

PG&E					DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIOD	THIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: PUMPS (B-K-1)(B-K-2)	······································
ASME SECTION	N XI SYSTEMS - CLASS 1				TABLE: <u>1.5</u>	
					PAGE: 1.of.2	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	BEACTOR_COOLANT_PUMPS					
B∙G-2	PRESSURE RETAINING BOLTING 2" DIA.	ANDLESS				
87.60	BOLTS. STUDS. AND NUTS	SEAL HOUSE BOLTING				
	RCP 1-1 S/N: 562	BOLTS NO. 1 THRU 12 (1.5-1)	VT-1	12 BOLTS 100%	12 BOLTS EXAMINED	10/13/95
	RCP 1-4 S/N: 509	BOLTS NO. 1 THRU 12 (1.5-1)	VT-1	12 BOLTS 100%	12 BOLTS EXAMINED	10/18/95
В-К-2	SUPPORT COMPONENTS					
B11.20	SUPPORT_COMPONENTS					
w	RCP 1-3 S/N: 508	SUPPORT COMPONENTS	VT-3	PUMP SUPPORT	SUPPORT COMPONENTS, PUMP 1-3	10/10/95
	RCP 1-4 S/N: 509	SUPPORT COMPONENTS	VT-3	PUMP SUPPORT	SUPPORT COMPONENTS, PUMP 1-4	10/10/95
	REACTOR COOLANT PUMPS					
	HEGMININA CONTENTION					
B-L-1	PRESSURE RETAINING WELDS					
B12.10	PUMP_CASING_WELDS					
	RCP 1-3 S/N: 508	PUMP BODY GIRTH WELD	VT-1	1 PUMP GIRTH WELD	PUMP BODY GIRTH WELD (EXAM AREA IS 92%, PER CODE CASE N-481)	10/11/95



•

. н. Т

.

. `

• •

η,

► ≯:







~

PG&E					DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIOD T	HIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: PUMPS (B-L-1)(B-L-2)	
ASME SECTION	XI SYSTEMS - CLASS 1				TABLE: <u>1.5</u>	
					PAGE: 2.01.2	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE

AUGMT. RG. 1.14 REACTOR COOLANT PUMP FLYWHEELS

RCP 1-4	FLYWHEEL	мт		MT ON TOP, SIDES, & KEYWAY ONLY	10/8/95
RCP 1-4	FLYWHEEL	UT	100%	REACTOR COOLANT PUMP FLYWHEELS	10/8/95



· · ·

.

,

.

. .





-

•

PG&E					DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIO	D THIRD REFUELING OUTAGE REPORT (1R7)		· · · · · · · · · · · · · · · · · · ·		MAJOR ITEM: VALVES	
ASME SECTIO	ON XI SYSTEMS - CLASS 1				TABLE: <u>1.6</u>	
					PAGE: <u>1 of 1</u>	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	ТУРЕ	AMOUNT & EXTENT	& REMARKS	DATE
	YALYES					
B∙G•2	PRESSURE RETAINING BOLTING 2" DIA.	ANDLESS				
B7.70	BOLTS. STUDS. & NUTS	LINE NO. & VALVE NO.				
	8.INCH.NOM_DIAMETER					
2	SIS TO RCS LOOP 2 HOT LEG (1.4-12)	S6-2576-8 V-87408	VT-1	16 STUDS & NUTS 100%	DARLING 8C48Z	10/10/9
	3.INCH.NOM_DIAMETER	LINE NO. & YALYE.NQ.				
	PRESSURIZER POWER RV PCV-474 (1.4-24)	S6-1171-3SPL+ PCV-474	VT-1	8 STUDS & NUTS 100%	MASONEILAN 3IA58GRP	10/6/99
	PRESSURIZER POWER RV PCV-455C* (1.4-24)	S6-1172-3SPL+ PCV-455C	· ` VT-1	8 STUDS & NUTS 100%	MASONEILAN 3IA58GRP	10/6/9

-



۲ ۲ .







- ____

PG&E

THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7) ASME SECTION XI SYSTEMS - CLASS 1

DIABLO CANYON POWER PLANT - UNIT 1 MAJOR ITEM: <u>PIPING SUPPORTS</u> TABLE: <u>1.7</u> PAGE: <u>1 of 1</u>

CATEGORY

PIPING SUPPORTS

B-K-2 SUPPORT COMPONENTS

B11.10

B-K

The required Inservice Inspections were performed on 69 Class 1 hangers during the seventh refueling outage

between the dates of 10-01-95 and 11-15-95. Data reports are on file.

SUPPORT	LINE	SUPPORT	LINE	SUPPORT	LINE
"A" SUPPORT	•7	2152-13	51	2169-34(R)	1992
42-10R	13	2180-15	51	2156-67(R)	1992
52-32R	13	43-3R	51	2156-85(R)	1992
42-72V	13	46-17V	54	2169-19(R)	1992
42-8R	13	22-566R	56	2169-32(R)	1992
52-12V	13	10-85R	235	2169-21	1992
52-17R	14	10-30R	236	2169-33	1992
11-137R	14 _	57N-12R	237	2182-43(R)	1992
52-36V	14	57N-17R	237	2156-92(R)	1993
11-100R	15	12-14R	238	23-13A	1993
42-64V	15	12•98R	256	2183-20(R)	1993
43-10CS	15	48-12R	728	56-22(R)	1994
48-22CS	15	2169-42	959	2156-111(R)	1994
11-150R	15	48-29A	1172	56-21(R)	1994
52-9V	24	11-148R	1172	40-29R	2576
2180-16(R)	51	11-149R	1172	42-42V	3845
181-28(R)	51	56-28(R)	1991	42-54V	3845
43-2(R)	51	56-16(R)	1991	58N-32V	3846
2152-17(R)	51	56-19(R)	1991	13-27R	3847
2180-18(V)	51	2156-110(R)	1991	13-14R	3847
2152-12(R)	51	56-15(R)	1991	58N-62R	3847
2152-18(R)	51	56-20(R)	1991	2157-8(R)	3857
2152-63(R)	51	2169-22(R)	1992	2156-33(R)	3858



.

`

.

.

.

·

•

i

SECTION D.

CLASS 2 COMPONENTS

· · · ·

-.

. .

• .

, ,









PG&E				-	DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIOD	THIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: PRESSURE VESSELS	
ASME SECTION	N XI SYSTEMS • CLASS 2				TABLE: <u>2.1</u>	
					PAGE: <u>1.01.3</u>	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	ТҮРЕ	AMOUNT & EXTENT	& REMARKS	DATE
	STEAM.GENERATORS					
C-A	PRESSURE RETAINING WELDS					
C1.20	WELDS:HEAD_CIRCUMEERENTIAL	GIRTHLWELDS				
	STEAM GENERATOR 1-4 (SERIAL NO. 1044)	GIRTH WELD W4-7 LOOP 4	UT	TOP HEAD TO SHELL	WELD W4-7 EXAM AREA >90%	10/3/95
	EXCESS LETDOWN HEAT EXCHANGER					
C-C	SUPPORT_MEMBERS					
C3.10	INTEGRALLY <u>WELDED SUPPORT</u> ATTACHMENTS	ATTACHMENT_WELDS				
	EXCESS LTDN. HX. 1-1	LEG B	PT	ATTACHMENT TO SHELL	LEG B	10/20/95
	REGENERATIVE HEAT EXCHANGERS					
C-A	PRESSURE RETAINING WELDS IN VESSELS					
C1.30	WELDS_TUBE_SHEET_TO_SHELL	GIRTH_WELDS				
	SHELL NO. 3 TUBE SHEET TO SHELL WELDS	GIRTH WELD GB (10)	PT	SHELL TO SHEET AS ACCESSIBLE	RELIEF NO. 006, PORTION OF WELD #6 SHELL #2 USED TO ACHIEVE EXAM AREA OF 100%	10/20/95
	SHELL NO. 3 TUBE SHEET TO SHELL WELDS	GIRTH WELD GC (11)	PT	SHELL TO SHEET AS ACCESSIBLE	RELIEF NO. 006, PORTION OF WELD #7 SHELL #2 USED TO ACHIEVE EXAM AREA OF 100%	10/20/95



.

.

•

,

, ,

PG&E					DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIOD	THIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: PRESSURE VESSELS	
ASME SECTIO	N XI SYSTEMS - CLASS 2				TABLE: _2.1_	
					PAGE: 2.01.3	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	RESIDUAL HEAT REMOVAL HEAT EXCH	ANGERS				
C-A	PBESSURE.RETAINING.WELDS.IN.VESSI	ELS				
C1.20	WELDS: HEAD CIRCUMEERENTIAL	GIRTH.WELDS				
	RHR EXCHANGER 1-2	GIRTH W·G·D WELD #4	рт	BOTTOM HEAD TO SHELL AS ACCESSIBLE	RELIEF NO. 006 EXAM AREA 80%	9/25/95
C-C	SUPPORT_MEMBERS					
C3.10	INTEGRALLY <u>. WELDED SUPPORT</u> ATTACHMENTS	WELDED ATTACHMENT				
	RHR HT EXCHANGER 1-2	LEG - B	PT	1 LEG		9/25/95
C-E	SUPPORT_COMPONENTS			-		
C3.20	Component supports					
	RHR HT EXCHANGER 1-2	LEG - A+B	VT-3	2 SUPPORTS		9/25/95

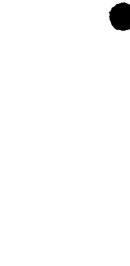
-

• •

.

Ŧ

1



•

•

•

.

*

ι · --۰ ۱

a 14

PG&E					DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIO	D THIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: PRESSURE VESSELS	
ASME SECTIO	DN XI SYSTEMS - CLASS 2				TABLE: _2.1_	
					PAGE: <u>3 of 3</u>	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	ТҮРЕ	AMOUNT & EXTENT	& REMARKS	DATE
	SUCTION PULSATION DAMPENER					
C-A	Pressure retainin <u>g welds in v</u> essels	i				
C1.20	Welds:Head_Cibcumeerential	WELDS				
	BOTTOM HEAD TO SHELL	WELD 22	UT	360°	EXAM AREA 98%	9/18/95

- C-C/C-E SUPPORT_MEMBERS
- C3.20 COMPONENT_SUPPORTS

	SUCTION PULSATION DAMPENER SUPPORT	SUPPORT SKIRT	VT-3	SUPPORT SKIRT	
--	------------------------------------	---------------	------	---------------	--

9/18/95

. ~...

``

3

. --

· ·

- -- *

· ^_--

PG&E					DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIO	D THIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: PIPING	······································
ASME SECTION	ON XI SYSTEMS - CLASS 2				TABLE: <u>2.2</u>	
					PAGE: <u>1.0f.2</u>	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
	COMPONENT OR SYSTEM	IDENTIFICATION	ТҮРЕ	AMOUNT & EXTENT	& REMARKS	DATE
	EIEING					
C-F	PRESSURE RETAINING WELDS IN PIPING					
C5.20	PIPING.WELDS. <u>>%"</u> NOMINAL.WALL JHICKNESS	BUTT_WELDS				
C5.21	MULTIPLE_STREAM_SYSTEMS	CATEGORY_C-G				
	STEAM GEN FEED WTR SUPPLY GEN 1-4	K16·556·16V (2.2·28)	TU		WELD WICG-92-4A	10/18/95
			МТ		WELD WICG-92-4A	10/18/95
C5.10	PIPING WELDS <u>%" OR LESS NOMINAL WA</u>	LL_THICKNESS				
						ر -
C5.11	CIRCUMFERENTIAL WELDS SINGLE STREAM SYSTEMS	BUTT WELDS CATEGORY_C-E				
	LOOP 4 HOT LEG TO RHR PPS	S1-927-14 (2.2-2)	• PT		WELD WIC-245	9/26/95
	RHR INJECTION TO HOT LEG 1 & 2	S1-985-12111P (2.2-4)	PT		WELD WIC-255	10/18/95
	RHR EXCHS BYPASS CROSSTIE	S1-1663-8111 (2.2-9)	PT		WELD WIC-126	9/23/95
۴	RESIDUAL HT EXCHS BYPASS HDR	S1-1661-8 (2.2·9)	PT		WELD WIC-116	9/23/95
			PT		WELD WIC-110	9/22/95
	RHR EXCHS OUTLET CROSSTIE HX 1-2	S1-1669-8 (2.2-7)	PT	·	WELD WIC-55	9/23/95
	RESIDUAL HT REM PP 1-1 DISCH	S1-112-8111 (2.2-9)	PT		WELD WIC-145	9/26/95
	RESIDUAL HT REM PP 1-2 DISCH	\$1-113-8111 (2.2-9)	PT		WELD WIC-129	9/25/95

• •

۰ •

. **x** .

PG&E					DIABLO CANYON POWER PLANT - UNIT 1		
THIRD PERIOD	THIRD REFUELING OUTAGE REPORT (1R7)	•••••••••••••••••••••••••••••••••••••••			MAJOR ITEM: PIPING		
ASME SECTION	V XI SYSTEMS - CLASS 2				TABLE: _2.2		
					PAGE: 2 of 2		
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	ТҮРЕ	AMOUNT & EXTENT	& REMARKS	DATE	
	PIPING_CONTINUED						
C•F	PRESSURE RETAINING WELDS IN PIPING						
C5.10	PIPING_WELDS_%_OR LESS_NOMINAL_WA	LLTHICKNESS					
C5.11	CIRCUMFERENTIAL WELDS SINGLE STREAM SYSTEMS	BUTT WELDS CATEGORY_C:E	a				
	RESIDUAL HT EXCHANGER 1-1 OUTLET	S1-118-8 (2.2-3)(2.2-13)	PT		WELD WIC-10G	9/26/9	
			РТ		WELD WIC-16H	9/26/9	
	RESIDUAL HT EXCHANGER 1-2 OUTLET	S1-119-8111 (2.2-14)	РТ		WELD WIC-52	9/25/9	
			PT		WELD WIC-45C	9/25/9	
	CENT CHG PUMP SUCT PUMP 1-1	S2-42-6 (2.2-15)	PT		WELD WIC-341	9/23/9	
	CENT CHG PUMP SUCT PUMP 1-2	S2-43-6 (2.2-8)	PT		WELD WIC-330	9/27/9	
	RHR TO SAFETY INJEC PUMP 1-2	S2-1984-8111 (2.2-17)	PT		WELD WIC-406	9/25/9	



n •

۹.

,

PG&E					DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIOD T	HIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: PIPING SUPPORTS	
ASME SECTION	XI SYSTEMS - CLASS 2				TABLE: _2.2	
				-	PAGE: 1 of 1	
CATEGORY	· · · · · · · · · · · · · · · · · · ·	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
ІТЕМ	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	SUPPORTS				•	
C-C, C-E	SUPPORTMEMBERS					
C3.40	SUPPORT ATTACHMENTS					
	MULTIPLE_STREAM_(C_G)	LINE NO. & ISLQWG_NQ.				
	STEAM GEN STEAM OUTLET 1-3	K15-226-28V (2.2-23)	мт		SUPPORT 1026-1V: LUGS	10/18/95
	STEAM GEN STEAM OUTLET 1-4	K15-225-28V {2.2-24)	мт		SUPPORT 1028-1V: LUGS	10/18/95

STEAM GEN FEED WTR SUPPLY GEN 1-2 STEAM GEN FEED WTR SUPPLY GEN 1-3 RHR PP INJ COLD LEG PP 1-1

-

K16-555-16V МΤ (2.2-26)

МΤ

PT

PT

SUPPORT 1039-9V : PARAM'T 10/18/95 SUPPORT 1042-9V : PARAM'T 10/18/95 SUPPORT 58N-49R :X370A,B 10/20/95 SUPPORT 58N-52A: X426A-C 10/17/95

Æ

-4



K16-557-16V

(2.2-27) S6-508-8III

(2.2-31)



1

٨ .

\$

PG&E					DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIOD	THIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: PUMPS	
ASME SECTION	V XI SYSTEMS - CLASS 2				TABLE: _2.3	
					PAGE: 1.011	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	ТҮРЕ	AMOUNT & EXTENT	& REMARKS	DATE
	Centrieugal_Charging_Pumps		•			
>G	PRESSURE RETAINING_WELDS					
C6.10	PUMP_CASING_WELDS	MACHINED WELD				
	CentChg PP 1-2	DRIVE END OF PUMP CASING	PT	ONE WELD 100%	RELIEF NO. 010	10/8/95
>C	SUPPORT MEMBERS					
3.70	INTEGRALLY_WELDED_SUPPORT_ ATTACHMENTS	WELDED ATTACHMENT				
	CentChg PP 1-2	WELD A-D	рт		WELD A EXAM AREA 81%	9/28/95
					WELD B EXAM AREA 77%	9/28/95

WELD C

WELD D

EXAM AREA 77%

EXAM AREA 77%

Ŧ

9/28/95

9/28/95

~~~

.

• • •

•

### PG&E THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7) ASME SECTION XI SYSTEMS - CLASS 2

### CATEGORY

### PIPING SUPPORTS

### C-E C3.50

42-45R

1

56N-120R

### SUPPORT\_COMPONENTS

508

508

The required Inservice Inspections were performed on 46 Class 2 hangers during the seventh refueling outage

15-82R

72-8V

between the dates of 09-22-95 and 10-10-95. Data reports are on file.

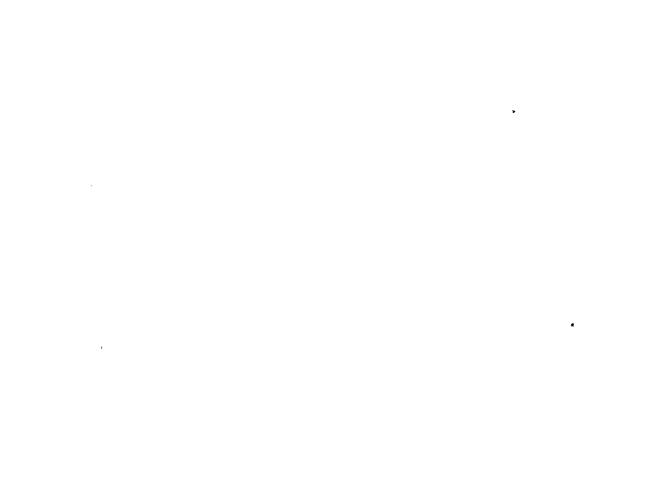
| SUPPORT        | LINE | SUPPORT   | LINE | SUPPORT | LINE |
|----------------|------|-----------|------|---------|------|
| 72-13V         | 110  | 54S-28R   | 512  | 56S-27R | 1984 |
| 72-13V         | 111  | 54S-2V    | 513  | 74-7R   | 1987 |
| 72-6R          | 112  | 1037-9R   | 554  | 74-6A   | 1987 |
| 72-9V          | 112  | 1048-14R  | 554  | 4-97R   | 1987 |
| 74 <b>.</b> 1V | 118  | 1042-9V   | 557  | 74-14R  | 1987 |
| 288-68R        | 118  | 1042-10V  | 557  | 288-11R | 3551 |
| 288-77R        | 119  | 56S-26R   | 735  | 42-34R  | 3845 |
| 1028-1V        | 225  | 56N-28R   | 985  | 42-78R  | 3845 |
| 1029-1V        | 225  | 56N-78R   | 985  | 74-42A  | 4269 |
| 1026-3R        | 226  | 56N-79R   | 985  | 98-129R | 5848 |
| 1032-15R       | 227  | 1031-11RT | 1066 |         |      |
| 1021-11R       | 228  | 5-35R     | 1357 |         |      |
| 16-67R         | 279  | 54S-18R   | 1454 |         |      |
| 55S-88R        | 280  | 54S-16R   | 1454 |         |      |
| 58N-49R        | 508  | 74-31V    | 1661 |         |      |
| 58N-53R        | 508  | 72-37R    | 1661 |         |      |
|                |      |           |      |         |      |

1661

1663

DIABLO CANYON POWER PLANT - UNIT 1 MAJOR ITEM: <u>PIPING SUPPORTS</u> TABLE: <u>2.4</u> PAGE: <u>1.of.1</u> \* ~





.

.

SECTION E.

11

.,

### SYSTEM PRESSURE TESTS

×

.

. •

|            | Ô                                                                 |               |                           |                                  | r    |     |                |                                    |
|------------|-------------------------------------------------------------------|---------------|---------------------------|----------------------------------|------|-----|----------------|------------------------------------|
| PG&E       |                                                                   |               | -                         |                                  |      |     |                | DIABLO CANYON POWER PLANT - UNIT 1 |
| THIRD P    | ERIOD THIRD REFUELING OUTAGE REPORT (1                            | R7)           |                           |                                  |      |     |                | MAJOR ITEM: PRESSURE TESTS         |
| ASME S     | ECTION XI SYSTEMS - CLASS 1 & 2                                   |               |                           |                                  |      |     |                | TABLE: <u>5.2</u>                  |
|            |                                                                   |               |                           |                                  |      |     |                | PAGE: <u>1.of 1</u>                |
| TEST<br>NO | DESCRIPTION                                                       | P&ID<br>SHT # | IMPLEMENTING<br>PROCEDURE | PLANT                            | TYPE | CLS | EXAM<br>COMPLT | COMMENTS                           |
| 9          | 9A: AUXILIARY SPRAY 8145, 8148<br>TO 8377                         | 14            | STP X-101                 | MODE 3                           | Ι    | 1   | 11/21/95       |                                    |
| 14         | RHR SUCTION AND DISCHARGE.                                        | 20            | STP X-114<br>STP V-7C     | <sup>-</sup> MODE 4<br>AFTER RHR | I    | 1   | 11/20/95       |                                    |
| 2          | AUX FEED PIPING (MOTOR DRIVEN<br>PUMPS)                           | 3             | ISI VT 2-1                | MODE 3<br>(1000 PSI)             | I    | 2   | 5/21/94        |                                    |
| 2          | AUX FEED PIPING. PP-1-1 DISCH, DS OF<br>LCV'S TO FIRST CHK VLV'S. | 3             | STP P-AFW-AT              | 30% PWR                          | I    | 2   | 11/27/95       |                                    |
| 7          | AUXILIARY FEED PUMP 1 TURBINE STEAM<br>LEAD                       | 5,6           | ISI VT 2-1                | MODE 3<br>(1000 PSI)             | I    | 2   | 5/21/94        |                                    |
| 12         | RCP SEAL WATER OUTLET/ EXCESS<br>LETDOWN HX OUTLET                | 12            | STP X-101                 | MODE 3<br>(INSIDE)               | I    | 2   | 11/21/95       |                                    |
| 12         | VLV 8100 TO PEN 45.                                               | 12            | ISI VT 2-1                | MODE 1<br>(OUTSIDE)              | I    | 2   | 2/16/95        |                                    |
| 14         | RCP SEAL WATER INLET PIPING.                                      | 12,14         | ISI VT 2-1                | MODE 1<br>(OUTSIDE)              | I    | 2   | 2/23/95        | PARTIAL PERFORMED 3-6-91.          |
| 17         | BORIC ACID PUMPS DISCHARGE HEADER,<br>BA BLENDER INLET, BA FILTER | 14,15         | ISI VT 2-1                | ANY MODE<br>PUMP<br>RUNNING      | I    | 2   | 10/25/95       | PARTIAL PERFORMED 4-29-94.         |
| 18         | RECIP CHARGING PUMP & DISCHARGE<br>PIPING                         | 14            | ISI VT 2-1                | MODE 1<br>PUMP<br>RUNNING        | 1    | 2   | 2/23/95        |                                    |

.

\_\_\_\_

F

•

•

a. 

· •

.

PG&E

÷

------



**DIABLO CANYON POWER PLANT - UNIT 1** 

2

1.

| THIRD P     | SHT #       PROCEDURE       Internet       Internet       COMPLT         CHARGING PUMP DISCH, SEAL WTR INJ<br>FILTER, REGEN HX PIPING.<br>NDTE:       14       STP M-86A2       MODE       1       2       10/25/95         NOTE:       EXTEND INSP PAST THE SECT<br>XI BOUNDANDA TO ATULUDE<br>VALVE #8105 FER A0308932.       1       2       2/23/95         SEAL WATER INJECTION FILTERS       14       ISI VT 2-1       MODE 1       1       2       2/23/95         ACCUM INJ LOOPS 1       THRU 4       TEST # 10       #       17       ISI VT 2-1       MODE 3       1       2       9/30/95         FILL PIPING UP TO VALVES 8877A-D.<br>(INCLUDE CLASS 1 TEST #10 & #11)       17,22       ISI VT 2-1       MODE 3       1       2       9/30/95         ACCUM SAMPLE LINES FROM 9367A-D<br>TO 9352A-D       17,22       ISI VT 2-1       MODE 3       1       2       9/30/95         RWST SUPPLY TO CHARGING. (8805 TO<br>8924)       18       ISI VT 2-1       RWST FULL       P3       2       10/1/95         SIS PUMPS RHR SUCTION       18,19       STP M-86A1       DURING       1       2       10/17/95       PUMP 1-2 DONE 4-12-94         SI COLD LEG INJ DOWNSTREAM OF 8835       19       STP P-18       MODE 1       P3       2       10/17/95         CON |       |            |                  |      |     |          |                       |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|------------------|------|-----|----------|-----------------------|
| ASME S      | ECTION XI SYSTEMS - CLASS 1 & 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |            |                  |      |     |          |                       |
|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |            |                  |      |     |          | PAGE: <u>2 of 5</u>   |
| TEST<br>NO. | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |            | PLANT            | TYPE | CLS |          | COMMENTS              |
| 20          | FILTER, REGEN HX PIPING.<br><u>NOTE:</u> EXTEND INSP PAST THE SECT<br>XI BOUNDARY VALVE #8106 TO INCLUDE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       | STP M-86A2 |                  | 1    | 2   | 10/25/95 |                       |
| 21          | SEAL WATER INJECTION FILTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 14    | ISI VT 2-1 | MODE 1           | ł    | 2   |          |                       |
| 26          | FILL PIPING UP TO VALVES 8877A-D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 17    | ISI VT 2-1 | MODE 3           | I    | 2   |          |                       |
| 29          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 17,22 | ISI VT 2-1 | MODE 3           | I    | 2   | 9/30/95  |                       |
| 36          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 18    | ISI VT 2-1 | RWST FULL        | P3   | 2   | 10/1/95  |                       |
| 47          | SIS PUMPS RHR SUCTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 18,19 | STP M-86A1 |                  | I    | 2   | 10/17/95 | PUMP 1-2 DONE 4-12-94 |
| 49          | SI COLD LEG INJ DOWNSTREAM OF 8835                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 19    | STP P-1B   | MODE 1           | P3   | 2   | 7/6/94   |                       |
| 58          | CONT SPRAY PUMP DISCH PIPING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 23    |            | MODE<br>5 OR 6   | P3   | 2   | 10/17/95 |                       |
| 82          | REFUELING CANAL WATER INLET (PEN<br>46)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 42    | ISI VT 2-1 | DURING<br>OUTAGE | Р3   | 2   | 10/12/95 |                       |

n ''

·

' г.

· · · 

|             |                                                                       |               |                           |                              | 3    |     |                |                                                   |
|-------------|-----------------------------------------------------------------------|---------------|---------------------------|------------------------------|------|-----|----------------|---------------------------------------------------|
| PG&E        |                                                                       |               |                           |                              |      |     | •              | DIABLO CANYON POWER PLANT - UNIT 1                |
| THIRD F     | PERIOD THIRD REFUELING OUTAGE REPORT (1                               | R7)           |                           |                              |      |     |                | MAJOR ITEM: PRESSURE TESTS                        |
| ASME S      | ECTION XI SYSTEMS - CLASS 1 & 2                                       |               |                           |                              |      |     |                | TABLE: <u>5.2</u>                                 |
|             |                                                                       |               |                           |                              |      |     |                | PAGE: <u>3 of 5</u>                               |
| TEST<br>NO. | DESCRIPTION                                                           | P&ID<br>SHT # | IMPLEMENTING<br>PROCEDURE | PLANT                        | TYPE | CLS | EXAM<br>COMPLT | COMMENTS                                          |
| 88          | REACTOR COOLANT DRAIN PUMPS<br>DISCHARGE HEADER.<br>(PEN 50)          | 42            | ISI VT 2-1                | MODE<br>5 OR 6               | P3   | 2   | 10/24/95       |                                                   |
| 2           | AUXILIARY FEEDWATER PUMPS RECIRC<br>HEADER TO CONDENSATE STORAGE TANK | 3             | STP P-5B<br>STP P-6B      | PUMPS ON<br>RECIRC.          | I.   | 3   | 12/14/94       |                                                   |
| 2           | AUXILIARY FEEDWATER PUMPS RECIRC<br>HEADER TO CONDENSATE STORAGE TANK | 3             | STP P-5B<br>STP P-6B      | PUMPS ON<br>RECIRC.          | Р3   | 3   | 12/14/94       | 10 YEAR HYDRO.                                    |
| 6           | AUX FEED PUMP TURB EXHAUST AND<br>LEAK-OFF DRAINS                     | 6             | STP P-5B<br>STP P-6B      | VERIFY<br>FLOW               | P3   | 3   | 9/27/95        |                                                   |
| 12          | PORTION FROM CHK 1555 TO VLV 1-679<br>NEEDS HYDRO PRESSURE.           |               | ISI VT 2-1                | ANY MODE<br>THROTTLE<br>PUMP | 1    | 3   | 2/9/95         | -                                                 |
| 12          | CST AND UNISOLABLE PIPING                                             | 33            | ISI VT 2-1                | ANY MODE<br>TANK FULL        | P3   | 3   | 2/9/95         |                                                   |
| 13          | FIRE WATER TRANSFER TNK (VLV 707 TO<br>TNK)                           | 33            | ISI VT 2-1                | ANY MODE<br>TANK FULL        | I    | 3   | 10/19/94       | COMMON TO BOTH UNITS. REPORT WITH UNIT-2<br>DATA. |
| 13          | FIRE WATER TRANSFER TNK (VLV 707 TO<br>TNK)                           | 33            | ISI VT 2-1                | ANY MODE<br>TANK FULL        | Р3   | 3   | 10/19/94       | COMMON TO BOTH UNITS. REPORT WITH UNIT-2<br>DATA. |
| 14          | MU WATER XFER PUMPS AND SUCTION<br>PIPING                             | 33,36         | ISI VT 2-1                | ANY MODE                     | I    | 3   | 8/16/95        |                                                   |
| 14          | MU WATER XFER PUMPS AND SUCTION<br>PIPING                             | 33,36         | ISI VT 2-1                | ANY MODE                     | P3   | 3   | 8/16/95        | ¢                                                 |

\*\*\*\* \*\*\*

\_\_\_\_\_



PG&E

- ----





1

**DIABLO CANYON POWER PLANT - UNIT 1** 

| THIRD P         | ERIOD THIRD REFUELING OUTAGE REPORT (1                       | 871             |                           |                      |      |     |                |                            |
|-----------------|--------------------------------------------------------------|-----------------|---------------------------|----------------------|------|-----|----------------|----------------------------|
|                 |                                                              |                 |                           |                      |      |     |                | MAJOR ITEM: PRESSURE TESTS |
| ASME S          | ECTION XI SYSTEMS - CLASS 1 & 2                              |                 |                           |                      |      |     |                | TABLE: <u>5.2</u>          |
|                 |                                                              |                 |                           |                      |      |     |                | PAGE: <u>4 of 5</u>        |
| TEST<br>NO.     | DESCRIPTION                                                  | P&ID<br>SHT #   | IMPLEMENTING<br>PROCEDURE | PLANT                | TYPE | CLS | EXAM<br>COMPLT | COMMENTS                   |
| 15              | MU WATER XFER PUMPS DISCHARGE<br>PIPING                      | 33,36           | ISI VT 2-1                | ANY MODE             | 1    | 3   | 8/16/95        |                            |
| 15              | MU WATER XFER PUMPS DISCHARGE<br>PIPING                      | 33,36           | ISI VT 2-1                | ANY MODE             | РЗ   | 3   | 8/16/95        |                            |
| <sup>.</sup> 16 | CCW AND SPENT FUEL PIT SYSTEM<br>PRIMARY WATER MAKEUP PIPING | 24,25,<br>33,34 | ISI VT 2-1                | ANY MODE             | I    | 3   | 9/22/95        |                            |
| 16              | CCW AND SPENT FUEL PIT SYSTEM<br>PRIMARY WATER MAKEUP PIPING | 24,25,<br>33,34 | ISI VT 2-1                | ANY MODE             | P3   | 3   | 9/22/95        |                            |
| 17              | ASW PUMP SUPPLY TO CCW HX                                    | 35              | ISI VT 2-1                | ANY MODE             | I    | 3   | 10/15/95       |                            |
| 17              | ASW PUMP SUPPLY TO CCW HX                                    | 35              | ISI VT 2-1                | ANY MODE             | P3   | 3   | 10/15/95       |                            |
| 18              | CCW HEAT EXCHANGERS<br>( TUBE SIDE )                         | 35              | ISI VT 2-1                | ANY MODE             | I    | 3   | 10/27/95       | -                          |
| 18              | CCW HEAT EXCHANGERS<br>( TUBE SIDE )                         | 35              | ISI VT 2-1                | ANY MODE             | P3   | 3   | 10/27/95       |                            |
| 19              | CCW HEAT EXCHANGERS SALTWATER<br>OUTLET PIPING               | 35              | ISI VT 2-1                | ANY MODE             | Р3   | 3   | 10/27/95       |                            |
| 21              | SPENT FUEL POOL PUMPS AND SUCTION<br>PIPING                  | 24              | ISI VT 2-1                | ANY MODE<br>SFP FULL | I    | 3   | 7/7/95         |                            |



r

• • • · ·

\*

¥



PG&E

L

∕•

\_\_\_\_



### **DIABLO CANYON POWER PLANT - UNIT 1**

~~~

-

HIRD PI	RIOD THIRD REFUELING OUTAGE REPORT (1	R7)						MAJOR ITEM: PRESSURE TESTS
SME SE	CTION XI SYSTEMS - CLASS 1 & 2							TABLE: <u>5.2</u>
								PAGE: <u>5 of 5</u>
TEST NO.	DESCRIPTION	P&ID SHT #	IMPLEMENTING PROCEDURE	PLANT	TYPE	CLS	EXAM COMPLT	COMMENTS
21	SPENT FUEL POOL PUMPS AND SUCTION PIPING	24	ISI VT 2-1	ANY MODE SFP FULL	P3	3	7/7/95	
22	SFP PUMPS DISCH PIPING THRU SFP HX TO SFP	24	ISI VT 2-1	ANY MODE	I	3	7/7/95	
22	SFP PUMPS DISCH PIPING THRU SFP HX TO SFP	24	ISI VT 2-1	ANY MODE	Р3	3	7/7/95	



٥

,

SECTION F

12

1

PRESERVICE INSPECTION ITEMS

•



-

. ----

.

-





.

PG&E		PRESERVICE INSPECTION	IS		DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIOD	D THIRD REFUELING OUTAGE REPORT (1R7)	· · · · · · · · · · · · · · · · · · ·			MAJOR ITEM: STEAM GENERATORS	· ····· · · · · · · · · · · · · · · ·
ASME SECTIO	ON XI SYSTEMS - CLASS 1				TABLE: _1.3	
					PAGE: 1 of 1	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	STEAM GENERATORS			"- <u></u>		<u></u>
B·G·2	PRESSURE RETAINING BOLTING 2 <u>DIA. AND LESS</u>	MANWAY BOLTING				
87.30	BOLTS. STUDS. AND NUTS					
	STEAM GENERATOR 1-3	NO. 1 TO NO. 16	VT-1	#10 WASHER PAIR	PRIMARY SIDE COLD LEG MANWAY	10/19/95

.

· · ·

•

۰ ۰ · . . · . .

,

. .

R , , ,

* ۰ . ۲

PG&E	PRESERVICE INSPECTIONS	DIABLO CANYON POWER PLANT - UNIT 1
THIRD PERIOD THIRD REFUELING OUTAGE RE	PORT (1R7)	MAJOR ITEM: PIPING SUPPORTS
ASME SECTION XI SYSTEMS - CLASS 1 & CL	ASS 2	TABLE: <u>1.4 & 2.2</u>
		PAGE: 1 of 1

-

CATEGORY

.

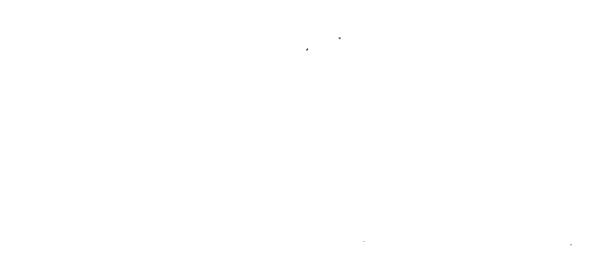
K

. _ .

ور

æ

B-K	PIPING SUPPOR	IS			
B•K-2	SUPPORT COM	PONENTS			
B11.10					
The required Prese	rvice Inspections were p	performed on 8 Class 1 and 0	Class 2 hangers during t	he seventh refueling outage	
		9-95. Data reports are on fil			
SUPPORT	LINE	SUPPORT	LINE	SUPPORT	LINE
14-47SL "B"	99	48-17R	727	48-1R	729
1033-28SL	1066	11-154SL	1171	11-96SL	1171
1000-2002					



•



.

<u>ـ</u>

.

- - -





PG&E		PRESERVICE INSPECTION	IS		DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIOD	THIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: PRESSURE VESSELS (C-E. C-D)	
ASME SECTION	I XI SYSTEMS - CLASS 2				TABLE: 2.1 (STM GEN)	
					PAGE: 1.of_1	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	STEAM_GENERATORS	(ISO 2.1-1)				
C-E	SUPPORT MEMBERS					
C3.20	[©] SUPPORT_COMPONENTS			-		
	STEAM GEN. 1-3	SNUBBER AND ATTACHMENTS	VT-3/4	ONE SNUBBER, MOUNT AND ATTACHMENTS	SG01-03SL-NE (PSI)	11/3/95
			VT-3/4	ONE SNUBBER, MOUNT AND ATTACHMENTS	SG01-03SL-NW (PSI)	10/7/95

• 、



•

.

ñ.

1

•

. . .



¥



			3			
PG&E	· .	PRESERVICE INSPECTIONS			DIABLO CANYON POWER PLANT - UNIT 1	
THIRD PERIOD	THIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: PIPING - CIRCUM, WELDS (C-F)	
ASME SECTION	I XI SYSTEMS - CLASS 2				TABLE: _2.2	
					PAGE: 1.01.1	
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM
TEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	PIEING					
۰F	PRESSUBE RETAINING WELDS IN PIPING					
5.10	PIPING WELDS X- THICK OR LESS	BUTT_WELDS				
5.11	CIRCUMFERENTIAL WELDS MULTIPLE STREAMS	LINE NO. & ISLOWG. NO.				
	CENT CHG PUMP SUCT PUMP 1-2	S2-43-6 (2.2-8)	рт	1 WELD	PSI	8/23/95

•

. . .



٣.

. --- - -



.

PG&E		PRESERVICE INSPECTIONS	;		DIABLO CANYON POWER PLANT - UNIT 1				
THIRD PERIOD T	HIRD REFUELING OUTAGE REPORT (1R7)				MAJOR ITEM: PUMPS				
ASME SECTION	XI SYSTEMS - CLASS 2				TABLE: _2.3				
					PAGE: <u>1.of.1</u>				
CATEGORY		GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM			
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE			
	CENTRIFUGAL CHARGING PUMPS								
C-G	PRESSURE RETAINING WELDS								
C6.10	PUMP_CASING_WELDS	BRANCH WELD TO UPPER CASE							
	CentChg PP 1-2	WELD N-A	рт	ONE WELD 100%	PSI	8/23/95			
C-C	SUPPORT MEMBERS								
C3.70	INTEGRALLY_WELDED_SUPPORT_ ATTACHMENTS	WELDED ATTACHMENT							
	CentChg PP 1-2	WELD A-D	Pĩ		WELD A	8/23/95			
					WELD B	8/23/95			
					WELD C (EXAMINED ON THREE ACCESSIBLE SIDES)	8/23/95			
					WELD D (EXAMINED ON THREE ACCESSIBLE SIDES)	8/23/95			
		-							
C·E	SUPPORT MEMBERS								
C3.80	SUPPORT MEMBERS SUPPORT COMPONENTS	SUPPORT BASE							
	CentChg PP1-2	Base 1-2	VT-3	EXPOSED AREAS	PSI	10/14/95			



.

.

а

SECTION G.

17

.

Į.

,

.

REPAIRS AND REPLACEMENTS

· • · · · ,

a 1

, k

. , · · ·

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

						میں سے جب میں میں اس م			,
vner <u>Paci</u>	fic Gas and	Electric	Company			. <u> </u>	Date <u>Decem</u>	ber 26, 199	5
•	77 Beale St	reet, San	Francisc	co, CA 94	106		_ Sheet	1 of	1
2. Plant <u>Dia</u>							Unit <u>1</u>		<u></u>
<u> </u>	0. Box 56,	AVIIa Beac	<u>cn_ca9</u> :	3424			_		
3. Work Performed	by Owr	ner							
		See Above				Repair Org. P.O. No., Job No., etc.			
				(00)					
4. Identification	of System <u>Ma</u>	in Feedwar		em (03) low - Code	Stamp	Column	<u></u>		
5. (a) Applicable	Construction C	ode						5	
(b) Applicable									s N/A
6. Identification o							<u></u> , <u></u>		<u>,</u>
	د منه هه چو وی ور وی اور ما ما ده ده .								
Name of	-	_					Repaired		
Component	Mfr.	No.	bd. No.				Replaced, or Stamped		
	1	1	1		Line No.	1	Replacement	(Yes or No)	
(3) FW-1-532	Atwood&Morr1	1 N/F	1 N/A	C0139137	0556	liinknown	 Replacement	INO	
(11)*Line 0554	IPG&E	I N/A	1 N/A	C0119583			Replacement		···
(11)*Line 0555	PG&E	N/A	I N/A	C0119586			Replacement		
(11)*Line 0556	IPG&E	I N/A	I N/A	C0119590			Replacement		
(11)*Line 0557	PG&E	N/A	N/A	C0119591	0557	Unknown	Replacement	No	
(2/3) FW-1-532	[Atwood&Morr]		<u>N/A</u>	R0132935	0556	Unknown	Replacement	No	
Description of W	1		(44) 5		/a) a a				
escription of V	Nork (3) Mach	WORK Repai	<u>r (11) Re</u>	place Pipe	(2) Repla	ce Bolti	ng		
8. Tests Conducted:	* Hydrosi	atic P	neumatic	Nominal	Inerating	Pressur	e Other		
Pressure	psi Test Ter	np.	°F		operaemy	TT CSSUT	Unici		
9. Remarks <u>* NOP/</u>	NOT (code c	ase 416)							
		·····		·····			· · · ·		
		<u>مے دو جہ جہ حے حے خت مے خ</u>	CEDTIEIC	ATE OF COVD	TANCE				
de certify that the	statements mad	le 7 in this r		ATE OF COMP		nair/Ron	lacament	conforms to S	action Y
We certify that the of the ASME Code. S	igned	and con		NSSS	Director		Frid 2		
(Owner or Owner's De	esignee)	David A. V	osburg		(Tit			<u>z, 19986</u> (Date)	
	• •			ATE OF INSP	•			(/	
[, the undersigned,	holding a vali	d commission	n issued by	y the Natio	nal Board	of Boile	er and Pressu	re Vessel Inspe	ectors
and the State or Pro	ovince_of <u>Cali</u>	fornia	, emplo	oyed by	I.S.B.I. 8	& I. Co.			of
Hartford, CT.	have inspec	ted the <u>Repa</u>	air/Replac	<u>ement</u> de	escribed	in this f	Report on	<u> 2-2</u> ,	19 <u><i>96</i></u>
and state that to the	he best of my k	nowledge and	d belief, d	this repair	or replace	cement ha	as been const	ructed in accor	*dance
with Section XI of t warranty, expressed	or implied co	by Signing (ncerning the	nns cerch	ricate, nei	ner the . .t desceni	inspector	r nor nis emp	loyer makes any	/ . ithon th
Inspector nor his en	plover shall h	e liable in	anv manner	r for any ne	rsonal i	ueu in tr niurv or	nronerty dam	archermore, net	anv kin
urising from or conn	ected with thi	s inspection		un <i>y</i> pe		iguig VI	property dam	age VI 1033 01	any Kritt
_									
late Fol- 2.	1996	KOMMI OS	tide	(ommiccio		000 ND 0000		

Date <u>*Tel. 2*</u>, <u>1996</u> <u>Keung Wr. Korge</u> Commissions <u>CA 1828 - NB 9990</u> (Inspector) <u>(State or Province, National Board)</u>

Kenny D. Kim

N Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is $8 \frac{1}{2} \times 11$ 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.

·____

• •

• •

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

1

ľ

L

	Owner <u>Paci</u>	fic Gas and	Electric	Company					ber 26, 1995
••	· · · · · · · · · · · · · · · · · · ·	77 Beale Sti	reet, San H	rancisc	:0, CA 92	106		_ Sheet	L of
2.	Plant Dial	blo Canyon D. Box 56, A	Power Plant Avila Beact	t 1 CA 93	424			Unit <u>1</u>	
3.	Work Performed I	by <u>Owr</u> See	ier 2 Above	4		Re	pair Org	. P.O. No., J	ob No., etc.
4.	Identification of	of System <u>Tu</u>					0.1		
	(a) Applicable ((b) Applicable (Identification of	Edition of Sec	ode tion XI Utili	19 Ed zed for R	epairs or R	Addenda eplacemen	n, Code C nts - 19_	ases N/A	nda, Code Cases <u>N/A</u>
	ne of nponent	Name of Mfr. 			No.		Built	Repaired Replaced, or Replacement 	Stamped
(2)	MS-1-FCV-41	Schutte	N690548	I N/A	C0138816	0228	Unknown	Replacement	No
(3)	MS-1-RV-4	Dresser	BM-07854	I N/A	C0138678				Yes
	MS-1-PCV-22	Copes Vulcan	the second s	I_N/A	C0130412	0225	Unknown	Replacement	INo
	MS-1-RV-8		BM-07855	<u> N/A</u>	C0125957	0227	On File	Repair	Yes
		Dresser Westinghouse		N/A				Repair Repair	Yes
Pres	Tests Conducted: sure Remarks	* Hydrost psi Test Ten	atic Pn	eumatic °F	Nominal	Operating	Pressur	e Other	
of t	ertify that the he ASME Code. Si er or Owner's De	statements mad gned signee) [e) in this rep IQ	ort are d			۱ 	lacement	_conforms to Section 2 ユーノラのに (Date)
Ind Ha Ind Ind Insp Insp Inis	the State or Pro <u>rtford, CT.</u> state that to th Section XI of t anty, expressed ector nor his em ing from or conne	holding a vali vince of <u>Cali</u> <u>have inspec</u> e best of my k he ASME Code. or implied, co ployer shall b ected with thi	d commission fornia ted the <u>Repa</u> nowledge and By signing th ncerning the e liable in a s inspection.	CERTIFIC/ issued by , emplo air /Repla belief, t belief, t repair or any manner	byed by <u>h</u> acement de chis repair ficate, neit replacement for any pe	al Board <u>I.S.B.I.</u> escribed or replac or replac ther the the describe ersonal in	<u>& I. Co.</u> in this f cement ha Inspector bed in th njury or	Report on as been constr r nor his empl nis Report. Fu property dama	ructed in accordance
	<u>Jel. 2</u> pector) ny D. Kim Supplemental sh								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.

.

a

э ø

• ,

*

٠

нр нал 1 ул

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

Ø

1,

,

.

ł

D	Owner <u>Pacif</u>	fic Gas and	Electric (Company		106		Date <u>Decemi</u>	per 26, 1995	
2.	Plant Unit Unit									3
	P.O. Box 56, Avila Beach CA 93424									
3	2 Work Ponformed by Olymper									
5.	. Work Performed byOwner Repair Org. P.O. No., Job No., etc.									
							·-·· ·· ·· ··	,	,	
4.	Identification o	of System <u>Tu</u>								
-					Stamp Co					
5.	(a) Applicable C									
6	(b) Applicable E Identification of							77, <u>5178</u> Adde	nda, Code Cases	s <u>N/A</u>
···		components R	epaired or Re	placed, a	nd keptacem	ent compo	nents			
Nai	ne of	Name of	Mfrs. Ser.	Nat'l	Work Order	10ther	Year	Repaired	ASME Code	
Co	nponent	Mfr.		Bd. No.			-	Replaced, or	•	
		Ì	Ì	1	-	Line No.		Replacement	•	
		<u>I</u>	l	<u> </u>	I		I	l	l	
	MS-1-RV-222	Dresser	BM-07867	<u> N/A</u>	C0121922	0227	On File	Replacement	Yes	
		IPG&E	N/A	N/A	C0138892		Unknown	Repair	No	
		Westinghouse		68-15	C0138265	N/A	1968	Repair	Yes	
		Westinghouse		68-14					Yes	
		Wesinghouse		68-14	C0139248			Replacement		·
		Westinghouse		68-13	C0139133			Replacement		
		Dresser	BM-07840	<u>N/A</u>	<u>C0138453</u>			Replacement		··· · · · · · · · · · · · · · · · · ·
	MS-1-RV-4	Dresser	BM-07840	<u>N/A</u>	<u>C0138454</u>		ويستد والمتعالين الترجي والمستاح	Replacement		
_	MS-1-RV-5	Dresser	BM-07858	<u> N/A</u>	C0138455			Replacement		· · · · ·
		Dresser	BM-07862	I <u>N/A</u>	<u>C0138456</u>			Replacement		
	MS-1-RV-222 MS-1-RV-7	Dresser Dresser	BM-07866	<u> N/A</u>	<u>C0138457</u>			Replacement		
		Dresser	BM-07849 BM-07855	I <u>N/A</u> N/A	C0138458 C0138459			Replacement Replacement		
		Dresser	BM-07859	N/A	C0138460			Replacement		
		Dresser	BM-07863	I N/A	C0138461			Replacement		
		Dresser	BM-07867	I N/A	C0138462			Replacement		
		Dresser	BM-07853	I N/A	C0138463			Replacement		
		Dresser	BN-01751	N/A	C0138464			Replacement		
(4)		Dresser	BM-07864	N/A	C0138466	a second s		Replacement		
(4)	MS-1-RV-224	Dresser	BM-07868	N/A	C0138467			Replacement		
(4)	MS-1-RV-59	Dresser	BN-01747	N/A	C0138469			Replacement		
		Dresser	BN-01750	N/A	_C0138470			Replacement		
		Dresser	BM-07865	<u>N/A</u>	C0138471			Replacement		
<u>(4)</u>	MS-1-RV-225	Dresser	BM-07869	N/A	C0138472	1066	On File	Replacement	Yes	

9. Remarks (4) Replace Internals (14) Weld Repair (2) Replace Bolting (3) Mach. Work Repair (Applicable Manufacturer's Data Reports to be attached) * NOP/NOT (per code case N-416)

.

yka a an pr p (. v

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

IJ

ı

	Owner <u>Pacific Gas and Electric Company</u> 77 Beale Street, San Francisco, CA 94106								Date December 26, 1995			
-									Sheet 3	of <u>3</u>		
2.	2. Plant <u>Diablo Canyon Power Plant</u> Unit <u>1</u> P.O. Box 56, Avila Beach CA 93424									-		
3.	. Work Performed by Owner											
5.	(a) Applic (b) Applic	able Co able Ec	f System <u>Tu</u> onstruction C dition of Sec components R	(See ode tion XI Utili	Below - 19Ed zed for R	Stamp Co ition epairs or R	lumn) Addenda eplacemen	ts - 19	ases <u>N/A</u> 77, <u>S'78</u> Adde	nda, Code Cases <u>N/A</u>		
	ne of nponent		Name of Mfr. 	-		No.		Built	Repaired Replaced, or Replacement	Stamped		
(14)) Line 1066		PG&E	N/A	I N/A	C0138633	1066	Unknown	Repair	INo		
	4) MS-1-FCV-		Fisher	5727538	I N/A	C0137401			Replacement			
(4)	MS-1-RV-58		Dresser	BM-07851	N/A	C0138468	·		Replacement			
(3)	MS-1-PCV-22	2	Copes Vulcan	6910.95009	I N/A I	C0130412			Replacement			
					1	l	1	1		l		
Ĵ.]				I	I					
							1	I				
					Í	<u> </u>	l <u> </u>					
							ļ					
					<u> </u>		<u> </u>					
	*						<u> </u>					
		[l		l					
		!	<u> </u>				l		····			
							·			,		
		i	· ·				<u> </u>					
		i										
		1			 							
		1							······································			
				1	1							
		I	1		Ĩ							
		1	1									

9. Remarks (2) Replace Bolting (3) Machine Work (4) Replace internals (14) Weld Repair (Applicable Manufacturer's Data Reports to be attached)

•

. а а а

ه بر

ب م ب ب

·		FORM NIS- As Required		REPORT OF RE ovisions of					
Pa	cific Gas and	Flectric	Company						1005
	77 Beale St			o, CA 94	106	•	Date <u>Decen</u> Sheet	1 of	2
2. Plant <u>D</u>	iablo Canyon 2.0. Box 56,	Power Plan Avila Beac	nt ch CA 93	424			Unit <u>1</u>		,
3. Work Performe	d by <u>Owi</u> Se	ner e Above			Rej	pair Org	. P.O. No., J	lob No., et	c.
4. Identificatio	n of System <u>Tu</u>								
5. (a) Applicabl (b) Applicabl 5. Identification	e Edition of Sec	ode tion XI Util	_19Ed lized for R	epairs or R	Addenda eplacemen	, Code (ts - 19_	ases <u>N/</u>	A enda, Code	Cases <u>N/A</u>
Name of Component	Name of Mfr. 	Mfrs. Ser. No. 	Nat'1 bd. No. 	No.		Built	Repaired Replaced, or Replacement 	rStamped	
(8) 585-153R	PG&E	N/A					Replacement	the second s	
(8) SG01-02SL-NE	Paul Monroe		<u> N/A</u>	C0188203			Replacement	and the second sec	
(1) 10-120SL (1) 12-66SL	IPSA IPSA	25314	<u> N/A</u>	C0120204			Replacement	the second s	
(8) 57S-184R	IPG&E	<u> 33860</u> N/A	<u> N/A</u> N/A	C0124514			Replacement		
(1) 10-96SL	IPSA	1 985		C0127258			Replacement		
• Tests Conducte ressure • Remarks	_psi Test Te	tatic P	neumatic _ _ °F	Nominal (Operating	Pressur	e Other _	····· ,	
e certify that th f the ASME Code. Owner or Owner's	Signed	P in this r	eport are o	NSSS			lacement	_conforms <u>マノリタイム</u> (Date)	to Section
, the undersigned nd the State or F <u>Hartford, CT.</u> nd state that to ith Section XI of arranty, expresse nspector nor his rising from or co	Province of <u>Cal</u> have inspective the best of my b the ASME Code. and or implied, co employer shall b	ifornia cted the mowledge and By signing f oncerning the be liable in	n issued by , emplo <u>Replace</u> d belief, t this certif e repair or any manner	wed by <u>h</u> ment de his repair icate, neit replacemer	ECTION nal Board <u>I.S.B.I. 8</u> escribed f or replac ther the l nt describ	of Boil <u>I.Co.</u> in this f ement h inspector bed in t	er and Pressu Report on as been const r nor his emp his Report. F	re Vessel 2-2 ructed in loyer make urthermore	Inspectors of , 19_ <u>76</u> accordance s any , neither t
B anan an	, 1996			C National Bo	Commission Dard)	is <u>CA 18</u>	3 <u>28 - NB 9990</u>	l	

ľ,

i

. .

•

, , ,

٦

Ī

;

0w	mer <u>Pacif</u>	<u>ic Gas and</u> 7 Beale Sti	Electric (reet, San f	Company Trancisc	o, CA 94	106	I	Date <u>Decem</u> i Sheet <u>2</u>	ber 26, 1995
2. P1	lant Diab		Power Plan	t				Unit <u>1</u>	
3. Wo	ork Performed b	y <u>Owr</u> See	ner e Above	<u></u>		Rej	bair Org.	P.O. No., Jo	ob No., etc.
5. (a (b	Ventification o Applicable Co Applicable Economic Application of	onstruction C dition of Sec	(See ode tion XI Utili	Below - 19Ed zed for R	Stamp Co ition epairs or R	lumn) Addenda eplacemen	ts - 19_3	ases <u>N/A</u> 77, <u>S'78</u> Adde	nda, Code Cases <u>N/A</u>
Name Compos	••	Name of Mfr. 		Nat'1 Bd. No. 	No.		Built	Repaired Replaced, or Replacement 	Stamped
(1) 16	-72ASL	I PSA	209	I N/A	C0139794	3917	Ilinknown	Replacement	INo
(8) 11			1150	I N/A	C0139918	<u> </u>		Replacement	
	33-28SL		1762	N/A	C0139609			Replacement	
(1) 16			23098	I N/A	C0136256			Replacement	
(1) 10	the second s		663	N/A	C0139838			Replacement	
(1) 12.		the second s	1562	I N/A	C0136217			Replacement	
<u></u>				1					
				<u></u>			1		!
	1		i <u></u>	İ		I	, 		1
*				1		i			<u>.</u>
				1		<u>.</u>		· · · · · · · · · · · · · · · · · · ·	l
				1		1	1		1
				1		1			· · · · · · · · · · · · · · · · · · ·
						<u></u>			
		I							· · · · · · · · · · · · · · · · · · ·

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

N

1.

•

** 20 * * *

. •

、

•

.

Į.

s

1

l

Owner <u>Paci</u>	<u>fic Gas a</u> 77 Beale	nd Electric Street, San	Company Francisc	0 (0 9)	1106	····	Date <u>Decem</u> Sheet	<u>ber 26</u>	<u>, 1995</u> f 2
	// Deute	Juices Jui	rancise	0, UN 3.	100	· · · · · · · · ·	Sheet	<u> </u>	<u>ــــــــــــــــــــــــــــــــــــ</u>
2. Plant Dia	blo Canyo	n Power Plan	t		•		Unit 1		
		, Avila Beac		424	·	<u> </u>			<u> </u>
2 Hank DayGaunad	·)							
3. Work Performed		See Above		······	Bo		0.0 10 1	ah Na a	
		See ADOVE		,	ке	pair urg	. P.O. No., J	OD NO., 6	etc.
4. Identification	of System	Reactor Cool	ant Syst	tem (07)					
	-			ow - Code	e Stamp	Column)		
5. (a) Applicable	Construction	n Code	19 Ed	ition	Addenda	, Code (Cases <u>N//</u>	1	
(b) Applicable	Edition of S	Section XI Util:	ized for R	epairs or F	leplacemer	ts - 19	77, S'78 Adde	enda, Cod	e Cases <u>N/A</u>
6. Identification o	f component:	s Repaired or Re	eplaced, a	nd Replacen	ent Compo	onents			
Name of	Name of	IMfre San		Illonk Ondor		1.	Repaired		
Component	Mfr.	No.	bd. No.				Replaced, or		
· · · · F · · · · · ·	i				Line No.		Replacement		
	i	i	i	ĺ		i		1	107
*(11/14) Line 1158	PG&E	I_N/A	1 N/A	C0122263	1158	Unknowr	Replacement	No	
*(11) Line 1140	PG&E	I_N/A	I N/A	C0123567	1140	Unknown	Replacement	No	
(15) Reactor Vessel		66104	20760	R0131242	<u> N/A</u>	1970	Replacement	Yes	
	Crosby	UIA	<u> N/A</u>	R0149816	the second s	On File	Replacement	Yes	
(4) RCS-1-RV-8010B		<u>U1B</u>	<u>N/A</u>	R0149817	·	On File	Replacement	Yes	
(4) RCS-1-RV-8010C	Crosby	<u> </u>	N/A	<u>R0149818</u>	0727	On File	Replacement	Yes	
Description of W	lork <u>(11)</u> R	<u>eplace Pipe (14</u>) Delete I	Line (15) R	eplace Nu	t (4) Re	place Interna	ls	
8. Tests Conducted: Pressure <u>2280</u>	* Hydr psi Test	ostatic <u>X</u> Pn Temp. <u>500</u>	eumatic .°F	Nominal	Operating	Pressur	e Other _		
9. Remarks							<u> </u>		
			CERTIFIC	ATE OF COMP	LIANCE				
He certify that the	statements	made in this re	port are d	correct and	this Re	pair/Rep	lacement	conforms	to Section X
of the ASME Code. Si	igned	5/ml Xr	alm		Director			2,1	
(Owner or Owner's De	signee)	David A. Vo	osburg 🖉		(Tit	:le)		(Date)	
				NTE OF INSP					
I, the undersigned,	holding a v	alid commission	issued by	the Natio	nal Board	of Boil	er and Pressu	re Vessel	Inspectors
and the State or Pro	vince or <u>C</u>	alifornia	, emplo	yed by	<u>I.S.B.I.</u>	<u>& I. Co.</u>		3 0	of
Hartford, CT.		pected the <u>Repa</u>	holice	ement de	escribed	in this	Report on <u></u>	<u> </u>	, 19 <u>96</u>
and state that to th	e dest of my	y knowledge and By cigning th	Deller, t his contif	nis repair	or replace	cement h	as been const	ructed in	accordance
vith Section XI of t varranty, expressed	or implied.	concerning the	ronair or	renlacement	ther the s	inspecto	r nor nis emp	loyer mak	es any
inspector nor his em	plover shal	be liable in a	any manner	for any n	nconal i	Jeu III LI Jury or	nis report. ri	artnermor	e, neither th
rising from or conn	ected with	this inspection.		ion uny po	:1 3 01101 11	1301 9 01	property dam	age or to	SS OF any KIN
17 .		-		/					
Date <u><i>Jel</i> 2,</u>	<u> 1996 </u>	_ Kenny !	n. K	in (Commission	ns CA 18	828 - NB 9990		
Inspector)		(State or I	rovinće,	National Bo	ard)		<u>828 - NB 9990</u>		<u> </u>
Cenny D. Kim									
Supplemental s	neets in for	m of lists. ske	etches. or	drawings m	av be use	d provid	· aris (1) hah	ic 8 1/2	y 11 in (2)

Suppremental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11 in., (2) matter is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

a

ی کی سا

•i.

· • х х х

• ' a 'n

•

.

.

o

* . . s Bra B Yas

્યૂ **ન** ન્_ૈ∩ ⊨



	Owner <u>Paci</u>	fic Gas and 7 Beale Si	d Electric treet, San	<u>Company</u> Francisc	:o, CA 94	106		Date <u>Decem</u> Sheet <u>2</u>	oer 26, 1995
2.	Plant <u>Dial</u> P.(Power Plan Avila Beac		3424			Unit <u>1</u>	-
	Work Performed b	Se			tem (07) Stamp Co		bair Org	. P.O. No., Jo	b No., etc.
	(a) Applicable ((b) Applicable E Identification of	dition of Se	Code ction XI Util	19 <u> </u>	lition <u></u> Repairs or R	Addenda eplacemen	ts - 19	ases <u>N/A</u> 77, <u>S'78</u> Adde	nda, Code Cases <u>N/</u>
	me of mponent	Name of Mfr. 	Mfrs. Ser. No. 	Nat'1 Bd. No. 			Built	Repaired Replaced, or Replacement	Stamped
(14)) Reactor Vessel	C.E.	66104	20760	C0139097	I <u>N/A</u>	1970	Repair	Yes

9. Remarks (14) Seal Weld

(Applicable Manufacturer's Data Reports to be attached)

1

\$



V

×

ų,

ł

•

,

и Ч

Y

، ... ۲

R

.....

, r

.

•

•

Denser Pacific Gas and Electric Company Date December 26, 199 77 Beale Street, San Francisco, CA 94106 Sheet 1 of 2. Plant Diablo Canyon Power Plant unit 1 2. Plant Diablo Canyon Power Plant unit 1 3. Work Performed by 0 Woner Repair Org. P.O. No., Job No., etc. 4. Identification of System Reactor Coolant System (07) Repair Org. P.O. No., Job No., etc. 5. (a) Applicable Construction Code [See Below - Code Stamp Column) Stattion of Section XI Utilized for Repairs or Replacements - 19 ZJ, STB Addenda, Code Cases 6. Identification of components Repaired or Replaced, and Replacements - 19 ZJ, STB Addenda, Code Cases Identification of components Repaired or Replaced, and Replacements - 19 ZJ, STB Addenda, Code Cases Name of Name of Name of IMFrs. Ser. INat'i Work Order[Other IYaa IRepaired IASHE Code Component Wfr. NA Identification Repaired ASHE Code 139 Edition of Components Repaired NA Identification Repaired INA Identification Repaired IASHE Code Component Wfr. NA Identification Repaired INA Identification Repaired INA 140 Horde Identification Repaired INA Identificatin Roo Identifi		Pacif 7	fic Gas and 7 Beale St	reet, San	Francisc	co, CA 94	106		Sheet	1 of	<u>90</u> 1
P.O. Box 56, Avila Beach CA 93424 3. Work Performed by										<u> </u>	
See Above Repair Org. P.O. No., Job No., etc. 4. Identification of System Reactor Coolant System (O7) (5) Applicable Construction Code 19 Edition (b) Applicable Construction of Section XI Utilized for Repairs or Replacements - 19.77, ST8 Addenda, Code Case N/A (b) Applicable Construction of components Repaired or Replaced, and Replacement Components Name of IName of Name of IName of IMfrs. Ser. INat'1 Work Order Jother IYear (8) S001-03SL-NE Paul Monroe 1614 N/A Collasses N/A (14) 48-1R IPGAE N/A IVA IUMnownIReplacement INO (14) 48-1R IPGAE N/A IVA Collasses INO (14) 48-1R IPGAE N/A IVA Collasses IVA IUMnownIReplacement INO (14) 48-17R IPGAE N/A N/A Collasses IVA IVA (14) 48-17R IPAL N/A IVA Collasses IVA IVA (14) 48-17R IPAL N/A IVA Collasses IVA IVA (14) 48-17R IPAL N/A IVA	2. Plant					3424			Unit <u>1</u>		
See Above Repair Org. P.O. No., Job No., etc. 4. Identification of System Reactor Coolant System (O7) 5. (a) Applicable Construction Code 19 Edition Automation of Components Repaired or Replaced, and Replacements - 19.77, ST8 Addenda, Code Cases N/A (b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 19.77, ST8 Addenda, Code Cases N/A (c) Applicable Edition of Components Repaired or Replaced, and Replacement Components NAme of INAme of Repaired (IASME Code Name of IName of INAr. N/A Idon No. No. Idon No. (8) 5001-035L-ME IPaul Monroe 1614 N/A COI39308 0727 Unknown/Replacement [No (14) 48-1R IPG&E N/A N/A COI39308 1072 Unknown/Replacement [No (14) 48-17R IPG&E N/A N/A COI39308 1072 Unknown/Replacement [No (14) 48-17R IPG&E N/A N/A COI39308 1071 Unknown/Replacement [No (14) 48-17R IPG&E N/A N/A COI39308 1171 Unknown/Replacement [No (14) 48-17R IPaul Monroe 1616 N/A CO	3. Work P	erformed b	y O Owr	ier					_		
5. (a) Applicable Construction Code 19 Edition Addenda, Code Cases N/A (b) Applicable Edition of Section XI Utilized for Replaters on Replacements - 19 27, S178 Addenda, Code Case Addenda, Code Cases N/A 6. Identification of components Repaired or Replaced, and Replacements - 19 27, S178 Addenda, Code Case Components Name of IName of IWfrs. Ser. INat'1 IWork Order Other IYear IRepaired IASME Code Component IWfr. No. Ibd. No. I Iddent. IBuil IReplaced, or Stamped (8) SG01-03SL-NE IPaul Monroe IG14 INA CO139136 0722 IUnknown[Replacement [No (14) 48-IR IPG&E N/A IN/A CO139130 10727 IUnknown[Replacement [No (14) 48-IR IPG&E N/A IN/A CO139130 10727 IUnknown[Replacement [No (14) 48-IR IPG&E N/A IN/A CO139130 10727 IUnknown[Replacement [No (15) 41-1942 IPSA IN/A IN/A CO139130 1072 IUnknown[Replacement [No (11) 11-1943L IPSA I/A IN/A CO139130 1072 IUnknown[Replacement [No							Re	pair Org	. P.O. No., J	lob No., etc.	
5. (a) Applicable Construction Code 19 Edition Addenda, Code Cases N/A (b) Applicable Edition of Section XI Utilized for Replaters on Replacements - 19 27, S178 Addenda, Code Case Addenda, Code Cases N/A 6. Identification of components Repaired or Replaced, and Replacements - 19 27, S178 Addenda, Code Case Components Name of IName of IWfrs. Ser. INat'1 IWork Order Other IYear IRepaired IASME Code Component IWfr. No. Ibd. No. I Iddent. IBuil IReplaced, or Stamped (8) SG01-03SL-NE IPaul Monroe IG14 INA CO139136 0722 IUnknown[Replacement [No (14) 48-IR IPG&E N/A IN/A CO139130 10727 IUnknown[Replacement [No (14) 48-IR IPG&E N/A IN/A CO139130 10727 IUnknown[Replacement [No (14) 48-IR IPG&E N/A IN/A CO139130 10727 IUnknown[Replacement [No (15) 41-1942 IPSA IN/A IN/A CO139130 1072 IUnknown[Replacement [No (11) 11-1943L IPSA I/A IN/A CO139130 1072 IUnknown[Replacement [No	4. Identi	fication o	of Svstem Re	actor Cool	ant Syst	tem (07)					
5. (a) Applicable Construction Code19EditionAddenda, Code Cases					(See Bel	ow - Code	Stamp	Column)		
6. Identification of components Repaired or Replaced, and Replacement Components Name of IName of IMfrs. Ser. INat'1 IMork Order Other IYear IReplaced, or]Stamped Component IMfr. No. Ibd. No. INdent. IYear IReplaced, or]Stamped (8) S001-035L-NE IPaul Monroe 1614 N/A CO139130 O729 IUnknownIReplacement INo (14) 48-1R IPG&E N/A IN/A CO139130 O727 IUnknownIReplacement INo (14) 48-1R IPG&E N/A IN/A IN/A CO139130 O727 IUnknownIReplacement INo (11) 11-1545L IPSA I/A IN/A I/A CO136305 IUnknownIReplacement INo (11) 11-1545L IPSA I/A I/A I/A IUnknownIReplacement INo (11) 11-125L IPSA I/A I/A I/A IUnknownIReplacement INo (11) 11-955L IPSA I/A ICO136306 1171 IUnknownIReplacement INo (11) 11-965L IPSA I/A ICO136306 1171 IUnknownIReplacement INo (11) 11-965L IPSA	5. (a) Ap	plicable C	Construction C	ode	19Ed	lition	Addenda	a. Code C	ases N//	A	
Name of Name of Mfrs. Ser. Nat'1 Work Order Other Year Repaired ASME Code Component Nfr. No. Ident. Built Replacement /Ke (replaced, or]Stamped (8) SG01-03SL-NE Paul Monroe 1614 N/A C0139586 N/A Unknown Replacement /Ke (14) 48-1R !PG&E N/A !N/A !C0139586 !N/A !Unknown Replacement /Ke (14) 48-1R !PG&E !N/A !N/A !C0139586 !N/A !Unknown Replacement !No (14) 48-17R !PG&E !N/A !N/A !C0139586 !N/A !Unknown Replacement !No (14) 11-154L !PSA !N/A !N/A !C0136383 !N/A !Unknown Replacement !No (1) 11-1345L !PSA !N/A !C0136383 !I/A !Unknown Replacement !No (1) 11-1325L !PSA ! 265 !N/A !C01363836 !107! !Unknown Replacement !No (1) 11-195KL !PSA ! 265 !N/A !C01363806 !107! !Unknown!Replacement !No (2) 11-1325L !PSA ! 265	(b) Ap	plicable E	dition of Sec	tion XI Util	ized for R	lepairs or R	eplacemer	nts - 19_	77, S'78 Adde	enda, Code Cas	ses <u>N/</u>
Component Nr. No. Indent. Item Incurrent Replaced, oriStamped 8) SG01-03SL-NE Paul Monroe 1614 NA Item No. It	5. Identif 	ication of	components R	epaired or Re	eplaced, a	nd Replacem	ent Compo	onents			
Component Mfr. No. Ident. Built Replaced, or Stamped (8) SG01-03SL-NE IPaul Monroe 1614 N/A C0139566 N/A Unknown Replacement [No (14) 48-1R IPG&E N/A N/A LO139108 0729 Unknown Replacement [No (14) 48-1R IPG&E N/A N/A LO139108 0729 Unknown Replacement [No (14) 48-1R IPG&E N/A N/A LO139108 0729 Unknown Replacement [No (14) 48-1R IPG&E N/A N/A LO139108 0727 Unknown Replacement [No (14) 11-154SL IPSA 1/A N/A LO139306 0109 Unknown Replacement [No (1) 11-134SL IPSA 265 N/A C0136306 1019 Unknown Replacement [No (1) 11-1965L IPSA 265 N/A C0136306 1019 Unknown Replacement [No (1) 11-1965L IPSA 265 N/A C0136306 1019 Unknown Replacement [No (2) 11-1325L IPSA 265 N/A C0136306 1019 Unknown Replacement [N	Name of		Name of	Mfrs. Ser.	Nat'1	Work Order	lOther	lYear	 Repaired	IASME Code	
(8) S001-03SL-NE Paul Monroe 1614 N/A [C0139586] N/A [Unknown]Replacement [Ko 14) 48-1R IPG&E N/A N/A [C0139586] N/A [Unknown]Replacement [Ko 14) 48-1R IPG&E N/A N/A [C0139586] N/A [Unknown]Replacement [Ko 14) 48-17 IPG&E N/A N/A [C0139586] O727 [Unknown]Replacement [No 11) 11-154SL IPSA N/A IN/A [C0136588] N/A [Unknown]Replacement [No 11) 11-132SL IPSA N/A [C0136508] N/A [Unknown]Replacement [No 11) 11-132SL IPSA 265 N/A [C0136508] 1171 [Unknown]Replacement [Yes Description of Work (1) Replace Hanger (8) Delete Support Parts (14) Cope Support	Component		Mfr.	No.							
(3) S001-03SL-NE [Paul Monroe 1614 N/A [C0139586] N/A [Unknown]Replacement [No (14) 48-1R [PG&E N/A N/A [C0139108] 0727 [Unknown]Replacement [No (11) 11-154SL [PSA N/A N/A [C0136383] N/A [Unknown]Replacement [Yes (3) S001-03SL-NW [Paul Monroe] 1618 N/A [C0136386] 1171 [Unknown]Replacement [No (1) 11-123SL [PSA 1226 N/A [C0136306] 1019 [Unknown]Replacement [No (1) 11-132SL [PSA 1265 N/A [C0136306] 1171 [Unknown]Replacement [No (1) 11-132SL [PSA 1265 N/A [C0136308] 1171 [Unknown]Replacement [No (1) 11-132SL [PSA 1265 [N/A [C0136308] 1171 [Unknown]Replacement [No (1) 11-194SL [PSA 1265 [N/A [C0136308] 1171 [Unknown]Replacement [No (1) 11-194SL [PSA 1265 [N/A [C0136308] 1171 [Unknown]Replacement [No (1) 11-194SL [PSA 1265 [P			1	1	1	1	Line No.	1	[Replacement	(Yes or No)	
14) 48-17R IPG&E IN/A IN/A C0139130 0727 Unknown[Repair INO 1) 11-154SL IPSA IN/A IN/A C0138880 1171 Unknown[Replacement]Yes 8) 5001-03SL-NN IPSA 1226 IN/A C0136363 IN/A Unknown[Replacement]Yes 1) 11-132SL IPSA 1226 IN/A C0136306 [1019] Unknown[Replacement]No 1) 11-132SL IPSA 1265 IN/A C0136308 [1171] Unknown[Replacement]No 1) 11-96SL IPSA 1265 IN/A C0136308 [1171] Unknown[Replacement]Yes Description of Work (1) Replace Hanger (8) Delete Support Parts (14) Cope Support uessure psi Test Temp.					<u>N/A</u>	<u>C0139586</u>	<u>N/A</u>	Unknown	Replacement	No	
1) 11-154SL IPSA I N/A I N/A I C0138880 I171 IUnknown Replacement [Yes 8) 5G01-03SL-NN IPaul Monroe I618 I/A IC0136303 I/A IUnknown Replacement [No 1) 11-132SL IPSA 226 I/A IC0136306 O109 Unknown Replacement [No 1) 11-96SL IPSA 265 I/A IC0136308 1171 Unknown Replacement [Yes Description of Work (1) Replace Hanger (8) Delete Support Parts (14) Cope Support . Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other CERTIFICATE OF COMPLIANCE e certify that the statements made in this report are correct and this <u>Repair/Replacement conforms to S</u> S Test Temp °F Remarks					<u> N/A</u>	<u> C0139108</u>	0729	Unknown	Repair		
B) SG01-03SL-NH IPaul Monroe 1618 N/A C0136333 N/A IUnknownIReplacement INO 1) 11-132SL IPSA 226 N/A C0136306 0109 UnknownIReplacement INO 1) 11-132SL IPSA 226 N/A C0136306 0109 UnknownIReplacement INO 1) 11-96SL IPSA 265 IN/A C0136308 1171 UnknownIReplacement INO 1) 11-96SL IPSA 265 IN/A C0136308 1171 UnknownIReplacement INO 1) 11-96SL IPSA 265 IN/A C0136308 1171 UnknownIReplacement INO 1) 11-96SL IPSA 265 IN/A C0136308 1171 UnknownIReplacement INO 1) 11-96SL IPSA 265 IN/A C0136308 1171 UnknownIReplacement IYes Description of Work (1) Replace Hanger (8) Delete Support Parts (14) Cope Support . Constant Parts Part							0727	Unknown	Repair		
1) 11-132SL IPSA 226 N/A CO136306 0.09 Unknown[Replacement [No 1) 11-96SL IPSA 265 IN/A CO136306 1171 Unknown[Replacement [No 1) 11-96SL IPSA 265 IN/A CO136308 1171 Unknown[Replacement [No 1) 11-96SL IPSA 265 IN/A CO136308 1171 Unknown[Replacement [No 1) 11-96SL IPSA 265 IN/A CO136308 1171 Unknown[Replacement [No Description of Work (1) Replace Hanger (8) Delete Support Parts (14) Cope Support Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other				the second se							
1) 11-96SL IPSA 265 IN/A C0136308 1171 [Unknown]Replacement [Yes] Description of Work (1) Replace Hanger (8) Delete Support Parts (14) Cope Support . Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other ressure psi Test Temp °F . Remarks . CERTIFICATE OF COMPLIANCE e certify that the statements made in this report are correct and this <u>Repair/Replacement</u> conforms to S f the ASME Code. Signed									the second s		<u> </u>
Description of Work (1) Replace Hanger (8) Delete Support Parts (14) Cope Support . Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other ressure psi Test Temp °F . Remarks CERTIFICATE OF COMPLIANCE e certify that the statements made in this propert are correct and this Repair/Replacement conforms to S f the ASME Code. Signed						the second s					
e certify that the statements made in this report are correct and this <u>Repair/Replacement</u> conforms to S f the ASME Code. Signed <u>CCC</u> , <u>NSSS Director</u> <u>Fast 2, 19936</u> Dwner or Owner's Designee) David A. Vosburg (Title) (Date) CERTIFICATE OF INSPECTION , the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspected the <u>Repair/Replacement</u> described in this Report on <u>2-2</u> , <u>Hartford, CT.</u> have inspected the <u>Repair/Replacement</u> described in this Report on <u>2-2</u> , and state that to the best of my knowledge and belief, this repair or replacement has been constructed in account ith Section XI of the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any arranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither issing from or connected with this inspection. the <u>Fabre 2, 1996</u> (State or Province, National Board) (State or Province, National Board)	. Tests C	conducted:	* Hydrost	tatic Pn	eumatic						,
e certify that the statements made in this report are correct and this <u>Repair/Replacement</u> conforms to S f the ASME Code. Signed <u>Signed</u> <u>Signed</u> <u>NSSS Director</u> <u>Fast 2, 19976</u> Owner or Owner's Designee) David A. Vosburg (Title) (Date) CERTIFICATE OF INSPECTION , the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspected the <u>Repair/Replacement</u> described in this Report on <u>2-2</u> , <u>Hartford, CT.</u> have inspected the <u>Repair/Replacement</u> described in this Report on <u>2-2</u> , arranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, net aspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of rising from or connected with this inspection. Ate <u>Fab. 2, 1996</u> (State or Province, National Board)	• Tests C ressure _	Conducted:	* Hydrost	tatic Pn	eumatic						
e certify that the statements made in this report are correct and this <u>Repair/Replacement</u> conforms to S f the ASME Code. Signed <u>Signed</u> <u>Signed</u> <u>NSSS Director</u> <u>Fast 2, 19976</u> Owner or Owner's Designee) David A. Vosburg (Title) (Date) CERTIFICATE OF INSPECTION , the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspected the <u>Repair/Replacement</u> described in this Report on <u>2-2</u> , <u>Hartford, CT.</u> have inspected the <u>Repair/Replacement</u> described in this Report on <u>2-2</u> , ad state that to the best of my knowledge and belief, this repair or replacement has been constructed in account ith Section XI of the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any arranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither has been constructed with this inspection. the <u>Fab. 2, 1996</u> <u>Kany Mar</u> . <u>Kany</u> <u>Commissions</u> <u>CA 1828 - NB 9990</u> (State/or Province, National Board)	• Tests C ressure _	Conducted:	* Hydrost	tatic Pn	eumatic						
CERTIFICATE OF INSPECTION , the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspected the State or Province of California, employed by H.S.B.I. & I. Co. <u>Hartford, CT.</u> have inspected the <u>Repair/Replacement</u> described in this Report on <u></u> , and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accord in Section XI of the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any arranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither nor his employer shall be liable in any manner for any personal injury or property damage or loss of rising from or connected with this inspection. the <u>Felt-2, 1996</u> Keuny Commissions CA 1828 - NB 9990 (State/or Province, National Board)	• Tests C ressure	Conducted:	* Hydrost	tatic Pn	eumatic						
CERTIFICATE OF INSPECTION , the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspected the State or Province of California, employed by H.S.B.I. & I. Co. <u>Hartford, CT.</u> have inspected the <u>Repair/Replacement</u> described in this Report on <u></u> , and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accord in Section XI of the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any arranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither nor his employer shall be liable in any manner for any personal injury or property damage or loss of rising from or connected with this inspection. the <u>Felt-2, 1996</u> Keuny Commissions CA 1828 - NB 9990 (State/or Province, National Board)	Tests C ressure Remarks	Conducted:	* Hydrost osi Test Tem	catic Pn np	eumatic ^ °F	Nominal (Dperating	Pressur	e Other _		
CERTIFICATE OF INSPECTION , the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspected the State or Province of California, employed by H.S.B.I. & I. Co. <u>Hartford, CT.</u> have inspected the <u>Repair/Replacement</u> described in this Report on <u></u> , and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accord in Section XI of the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any arranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither nor his employer shall be liable in any manner for any personal injury or property damage or loss of rising from or connected with this inspection. the <u>Felt-2, 1996</u> Keuny Commissions CA 1828 - NB 9990 (State/or Province, National Board)	Tests C ressure Remarks	Conducted:	* Hydrost osi Test Tem	catic Pn np	eumatic ^ °F	Nominal (Dperating	Pressur	e Other _		Sectio
, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspected the <u>California</u> , employed by <u>H.S.B.I. & I. Co.</u> <u>Hartford, CT.</u> have inspected the <u>Repair/Replacement</u> described in this Report on <u>.2-2</u> , described in this Report on <u>.2-2</u> , and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accombined state that to the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any arranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither spector nor his employer shall be liable in any manner for any personal injury or property damage or loss of rising from or connected with this inspection. Ate <u>Feb. 2, 1996</u> (State/or Province, National Board)	Tests C ressure Remarks	Conducted:	* Hydrost osi Test Tem	catic Pn np	eumatic ^ °F	Nominal (Dperating	Pressur	e Other _		Sectio
has the State of Province of <u>California</u> , employed by <u>H.S.B.I. & I. Co.</u> <u>Hartford, CT.</u> have inspected the <u>Repair/Replacement</u> described in this Report on <u>2-2</u> , and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accor ith Section XI of the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any arranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, nei- nespector nor his employer shall be liable in any manner for any personal injury or property damage or loss of rising from or connected with this inspection. Ate <u>File 2, 1996</u> <u>Kangge. Kang</u> Commissions <u>CA 1828 - NB 9990</u> (State/or Province, National Board)	Tests C ressure Remarks	Conducted:	* Hydrost osi Test Tem	catic Pn np	CERTIFIC port are o	Nominal (ATE OF COMPL correct and NSSS	Dperating IANCE this <u>Re</u> Director (Tit	Pressur	e Other _		Sectio
Hartford, CT.have inspected the Repair/Replacement_constructed in this Report on 2-2, on the state that to the best of my knowledge and belief, this repair or replacement has been constructed in according the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any arranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither nor his employer shall be liable in any manner for any personal injury or property damage or loss of rising from or connected with this inspection.Ate$\overline{Fab-3}$, $1996$$\overline{Kanyme}$. \overline{Kan}Atte$\overline{Fab-3}$, $1996$$\overline{Kanyme}$. \overline{Kan}Anspector)\overline{State} or Province, National Board)	e certify f the ASME	that the signmer's Des	* Hydrost osi Test Tem statements mad gned signee)	e in this re	CERTIFIC OSDUPG CERTIFIC	Nominal (ATE OF COMPL correct and NSSS ATE OF INSPE	Dperating LIANCE this <u>Re</u> <u>Director</u> (Tit	Pressur pair/Rep 21e)	e Other _ lacement 	_conforms to ., <u>1996</u> (Date)	
nd state that to the best of my knowledge and belief, this repair or replacement has been constructed in accomplite ith Section XI of the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any arranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither nspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of rising from or connected with this inspection. Ate <u>Fel-2, 1996</u> <u>Keunype</u> . <u>Keun</u> Commissions' <u>CA 1828 - NB 9990</u> (State/or Province, National Board)	 Tests Oressure Remarks Remarks Remarks Remarks The ASME Owner or O the under the /li>	that the straigned, h	* Hydrost osi Test Tem statements mad gned signee) D wolding a vali	e in this re	CERTIFIC OSDUTG CERTIFIC issued by	Nominal (ATE OF COMPL correct and NSSS ATE OF INSPE (the Nation	Dperating LIANCE this <u>Rep</u> <u>Director</u> (Tit CCTION tal Board	Pressur pair/Rep :le) of Boile	e Other _ lacement 	_conforms to ., <u>1996</u> (Date)	
The Section XI of the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any arranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither hispector nor his employer shall be liable in any manner for any personal injury or property damage or loss of rising from or connected with this inspection. Ate <u>Feb. 2, 1996</u> <u>Kennype. Kerne</u> Commissions <u>CA 1828 - NB 9990</u> (State/or Province, National Board)	. Tests C ressure . Remarks e certify f the ASME Owner or C , the unde nd the Sta	that the s Code. Signed, h te or Prov	* Hydrost osi Test Tem statements mad gned signee) E colding a vali	e in this re	CERTIFIC OSburg CERTIFIC issued by , emplo	Nominal (ATE OF COMPL correct and NSSS ATE OF INSPE / the Nation Dyed byH	Dperating IANCE this <u>Rep</u> <u>Director</u> (Tit CTION al Board .S.B.I. 8	Pressur pair/Rep :le) of Boile & I. Co.	e Other _ lacement er and Pressu	_conforms to <i>、ノタラと</i> (Date) re Vessel Insp	pector: of
arranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, nei- hispector nor his employer shall be liable in any manner for any personal injury or property damage or loss of rising from or connected with this inspection. Ate <u>Feb. 2, 1996</u> <u>Kanny Market Kitter</u> Commissions' <u>CA 1828 - NB 9990</u> (State or Province, National Board)	. Tests C ressure . Remarks e certify f the ASME Owner or O , the unde nd the Sta <u>Hartford</u> , nd state t	that the s code. Sig wner's Des rsigned, h te or Prov CT. hat to the	* Hydrost osi Test Tem statements mad gned signee) E wolding a vali vince of <u>Cali</u> have inspec	e in this re p e in this re David A. Vo d commission fornia ted the <u>Rep</u> nowledge and	CERTIFIC OSburg CERTIFIC issued by 	Nominal (ATE OF COMPL correct and NSSS ATE OF INSPE the Nation byed byH cementde this repair	Derating IANCE this <u>Rep Director</u> (Tit CTION al Board I.S.B.I. & scribed for replace	Pressur pair/Rep cle) of Boild <u>& I. Co.</u> in this F cement ha	e Other lacement er and Pressu Report on as been const	_conforms to 2, 1996 (Date) re Vessel Insp 2-2 ructed in acco	pector:
Inspector) (State/or Province, National Board)	E. Tests C Pressure Remarks C. Remarks C. Remarks	that the s code. Sig wner's Des rsigned, h te or Prov <u>CT.</u> hat to the n XI of th	* Hydrost osi Test Tem statements mad gned signee) D holding a vali ince of <u>Cali</u> have inspec best of my kine ASME Code.	e in this re p David A. Vo d commission fornia ted the <u>Rep</u> nowledge and By signing ti	CERTIFIC OSburg CERTIFIC issued by , emplo air/Replac belief, t	Nominal (ATE OF COMPL correct and NSSS ATE OF INSPE the Nation byed byH cementde this repair ficate, neit	Jperating JANCE this <u>Re</u> <u>Director</u> (Tit CTION al Board J.S.B.I. & scribed or replac her the J	Pressur pair/Rep cle) of Boile <u>& I. Co.</u> in this F cement ha	e Other lacement Faces and Pressure Report on as been construction for his employed	_conforms to 7, 1996 (Date) re Vessel Insp 2-2 ructed in acco lover makes au	pectors of , 19 <u>94</u> ordance
	 Tests Oressure Remarks Remarks Remarks the ASME Owner or O the under of the State the Stat	that the s that the s Code. Signed, h te or Prov CT. hat to the n XI of th xpressed o	* Hydrost osi Test Tem statements mad gned signee) D holding a vali ince of <u>Cali</u> have inspec best of my k be ASME Code. or implied, com	e in this re avid A. Vo d commission fornia ted the <u>Rep</u> nowledge and By signing the	CERTIFIC port are of CERTIFIC port are of CERTIFIC issued by , emplo air/Replac belief, t his certif repair or	Nominal (ATE OF COMPL correct and NSSS ATE OF INSPE the Nation byed byH cementde this repair ficate, neit replacemen	Jperating JANCE this <u>Rep</u> <u>Director</u> (Tit CTION al Board <u>I.S.B.I.</u> scribed or replac her the l t describ	Pressur pair/Rep cle) of Boild <u>& I. Co.</u> in this F cement ha Inspector bed in th	e Other lacement er and Pressu Report on as been constr nor his emp his Report. Fi	_conforms to //996 (Date) re Vessel Insp 2-2 ructed in acco loyer makes an urthermore, no	pectors of , 19 <u>92</u> ordance ny either
	 Tests Oressure Remarks Remarks Remarks the ASME Owner or O the under of the State the Stat	that the s that the s Code. Signed, h te or Prov CT. hat to the n XI of th xpressed o or his emp	* Hydrost osi Test Tem statements mad gned signee) D holding a vali ince of <u>Cali</u> have inspec best of my k be ASME Code. or implied, con bloyer shall be	e in this re in this re avid A. Vo d commission fornia ted the <u>Rep</u> nowledge and By signing the ncerning the e liable in a	CERTIFIC port are of CERTIFIC port are of CERTIFIC issued by , emplo air/Replac belief, t his certif repair or any manner	Nominal (ATE OF COMPL correct and NSSS ATE OF INSPE the Nation byed byH cementde this repair ficate, neit replacemen	Jperating JANCE this <u>Rep</u> <u>Director</u> (Tit CTION al Board <u>I.S.B.I.</u> scribed or replac her the l t describ	Pressur pair/Rep cle) of Boild <u>& I. Co.</u> in this F cement ha Inspector bed in th	e Other lacement er and Pressu Report on as been constr nor his emp his Report. Fi	_conforms to //996 (Date) re Vessel Insp 2-2 ructed in acco loyer makes an urthermore, no	pectors of , 19 <u>92</u> ordance ny either
-	E. Tests C Pressure Remarks Remarks C e certify f the ASME Owner or O , the unde nd the Sta Hartford, nd state t ith Sectio arranty, e nspector n rising fro	that the s conducted: that the s code. Sig wner's Des rsigned, h te or Prov <u>CT.</u> hat to the n XI of th xpressed o or his emp m or conne	* Hydrost osi Test Tem statements mad gned signee) E holding a vali ince of <u>Cali</u> have inspec best of my k best of my k he ASME Code. or implied, com boted with this	e in this re p e in this re David A. Vo d commission fornia ted the <u>Rep</u> nowledge and By signing the ncerning the e liable in a s inspection	CERTIFIC OSburg CERTIFIC issued by 	Nominal (ATE OF COMPL correct and NSSS ATE OF INSPE / the Nation byed byH cementde this repair ficate, neit replacemen for any pe	Derating IANCE this <u>Re</u> <u>Director</u> (Tit CTION al Board <u>I.S.B.I.</u> scribed or replac her the J t describ rsonal ir	Pressur pair/Rep cle) of Boile <u>& I. Co.</u> in this F cement ha Inspector bed in th njury or	e Other lacement er and Pressu Report on as been constr nor his emp bis Report. Fu property dama	_conforms to 7, 1996 (Date) re Vessel Insp 2-2 ructed in acco loyer makes an urthermore, no age or loss of	pectors of , 19 <u>96</u> ordance ny either
	B. Tests C Pressure Pressure Pressure Remarks Pressure reconstruction of the ASME Owner or O of the ASME of the ASME	that the s conducted: that the s code. Sig wner's Des rsigned, h te or Prov <u>CT.</u> hat to the n XI of th xpressed o or his emp m or conne	* Hydrost osi Test Tem statements mad gned signee) E holding a vali ince of <u>Cali</u> have inspec best of my k best of my k he ASME Code. or implied, com boted with this	e in this re p e in this re David A. Vo d commission fornia ted the <u>Rep</u> nowledge and By signing the ncerning the e liable in a s inspection	CERTIFIC OSburg CERTIFIC issued by 	Nominal (ATE OF COMPL correct and NSSS ATE OF INSPE / the Nation byed byH cementde this repair ficate, neit replacemen for any pe	Derating IANCE this <u>Re</u> <u>Director</u> (Tit CTION al Board <u>I.S.B.I.</u> scribed or replac her the J t describ rsonal ir	Pressur pair/Rep cle) of Boile <u>& I. Co.</u> in this F cement ha Inspector bed in th njury or	e Other lacement er and Pressu Report on as been constr nor his emp bis Report. Fu property dama	_conforms to 7, 1996 (Date) re Vessel Insp 2-2 ructed in acco loyer makes an urthermore, no age or loss of	pectors of , 19 <u>96</u> ordance ny either



1

ţ

Owner <u>Paci</u>	fic Gas and 77 Beale St	l Electric	Company Enancisc		1106		Date <u>Decem</u> l Sheet 1	ber 26, 1995 of 2
	// Deale Sc	icer, sail	i i dile i se	0, CA 3.	100			Or2
2. Plant <u>Dia</u>	blo Canyon 0. Box 56,			424			Unit <u>1</u>	
3. Work Performed	by Ωw	ner					_	
of nork renormed		e Above			Re	pair Org.	. P.O. No., Jo	b No., etc.
						•- j		
4. Identification	of System <u>C</u> ł							
				ow – Code				
5. (a) Applicable								
							<u>77, S'78</u> Adde	nda, Code Cases _
6. Identification o	r components H	Repaired or Re	eplaced, a	nd Replacem	ient Compo	onents		
Name of	Name of	Mfrs. Ser.	INat'l	Work Order		l Voar	Repaired	LASME Code
Component	Mfr.	No.					Replaced, or	
	1			-	Line No.		Replacement	- •
	i	i	i	i	1	i		
(3)**DISH PULS DAMP	N Commercial E	1280001	I N/A	C0111085		1993		lYes
(3)**DICH PULS DAMP			I N/A	C0111084	N/A	1993	Repair	Yes
(4) CVCS-1-RV-8121				_C0106759		On File		Yes
(5/11)*CVCS-1-8384B				<u>_C0102168</u>			[Replacement	
(2), CUCC 1 UCV 10C	Wulcon	105001-142-13	1 11/8					
				C0131252 r (4)Rep'1			<u> Replacement</u> 1 Valve (11)Re	
Description of 1 8. Tests Conducted Pressure 9. Remarks <u>** Hyc</u>	lork <u>(2)Rep'1</u> * Hydros psi Test Te ro pressure	Bolting (3)Ma tatic <u>x</u> Pn mp. 2=275 psi,	ich. Repair neumatic .°F Temp= 55	r (4)Rep'l Nominal 5 deg F.	<u>Internals</u> Operating	(5)Rep'	l Valve (11)Re	ep'l Pipe (14) At
Description of 1 8. Tests Conducted Pressure 9. Remarks <u>** Hyc</u>	lork <u>(2)Rep'l</u> : * Hydros psi Test Te	Bolting (3)Ma tatic <u>x</u> Pn mp. 2=275 psi,	ich. Repair neumatic .°F Temp= 55	r (4)Rep'l Nominal 5 deg F.	<u>Internals</u> Operating	(5)Rep'	l Valve (11)Re	ep'l Pipe (14) At
Description of 1 8. Tests Conducted Pressure 9. Remarks <u>** Hyc</u>	lork <u>(2)Rep'1</u> * Hydros psi Test Te ro pressure	Bolting (3)Ma tatic <u>x</u> Pn mp. 2=275 psi,	ich. Repair neumatic .°F Temp= 55	r (4)Rep'l Nominal 5 deg F.	<u>Internals</u> Operating	(5)Rep'	l Valve (11)Re	ep'l Pipe (14) At
Description of 1 8. Tests Conducted Pressure 9. Remarks <u>** Hyc</u> *	lork <u>(2)Rep'1</u> * Hydros psi Test Te ro pressure lydro pressu	Bolting (3)Ma tatic <u>x</u> Pn mp. e=275 psi, ure=3419 ps	ch. Repain eumatic *F Temp= 55 ;; at ar CERTIFIC	r (4)Rep'l Nominal 5 deg F. nbient te	Internals Operating MP.	(5)Rep ⁺ Pressure	1 Valve (11)Re e Other	ep'l Pipe (14) At
Description of 1 8. Tests Conducted Pressure 9. Remarks <u>** Hyc</u> *	lork <u>(2)Rep'1</u> * Hydros psi Test Te ro pressure lydro pressu	Bolting (3)Ma tatic <u>x</u> Pn mp. e=275 psi, ure=3419 ps	ch. Repain eumatic *F Temp= 55 i, at an CERTIFIC	r (4)Rep'l Nominal 5 deg F. nbient te	Internals Operating MP.	(5)Rep ¹ Pressure	1 Valve (11)Re e Other lacement	ep'l Pipe (14) At
Description of N 8. Tests Conducted Pressure 9. Remarks <u>** Hyc</u> * 1 	Nork <u>(2)Rep'1</u> * Hydros psi Test Te iro pressure hydro pressu statements man igned	Bolting (3)Ma tatic <u>x</u> Pn mp. 2=275 psi, ure=3419 ps de/in this re	ch. Repain eumatic *F Temp= 55 i, at an CERTIFIC	r (4)Rep'l Nominal 5 deg F. nbient te	Internals Operating MP. LIANCE this <u>Re</u> Director	(5)Rep*	1 Valve (11)Re e Other lacement	ep'l Pipe (14) At
8. Tests Conducted Pressure 9. Remarks <u>** Hyc</u>	Nork <u>(2)Rep'1</u> * Hydros psi Test Te iro pressure hydro pressu statements man igned	Bolting (3)Ma tatic <u>x</u> Pn mp. e=275 psi, ure=3419 ps	ch. Repain eumatic *F Temp= 55 i, at an CERTIFIC port are c	r (4)Rep'l Nominal D deg F. Nbient te ATE OF COMP correct and NSSS	Internals Operating MP. LIANCE this <u>Rep</u> Director (Tit	(5)Rep*	1 Valve (11)Re e Other lacement	ep'l Pipe (14) At
Description of 1 8. Tests Conducted Pressure 9. Remarks <u>** Hyc</u> * We certify that the of the ASME Code. S (Owner or Owner's De	Nork <u>(2)Rep'l</u> * Hydros psi Test Te ro pressure lydro pressu statements man igned signee)	Bolting (3)Ma tatic <u>x</u> Pn mp. <u>e=275 psi,</u> ure=3419 ps de/in this re <i>upcas</i>	ch. Repain eumatic *F Temp= 55 i, at an CERTIFIC port are c osburg CERTIFIC	r (4)Rep'l Nominal D deg F. Nbient te ATE OF COMP correct and NSSS	Internals Operating Mp. LIANCE this <u>Rep</u> Director (Tit ECTION	(5)Rep* Pressure pair/Rep :le)	1 Valve (11)Re e Other lacement 	ep'l Pipe (14) At
Description of 1 8. Tests Conducted Pressure 9. Remarks <u>** Hyc</u> * We certify that the of the ASME Code. S (Owner or Owner's De I, the undersigned,	Nork <u>(2)Rep'l</u> * Hydros psi Test Te ro pressure hydro pressure statements man igned esignee) holding a val	Bolting (3)Ma tatic <u>x</u> Pn mp. <u>==275 psi,</u> ure=3419 ps de/in this re David A. Vo id commission	ch. Repain eumatic F Temp= 55 ci, at ar CERTIFIC port are co osburg CERTIFIC issued by	r (4)Rep'l Nominal Dient te ATE OF COMP correct and NSSS ATE OF INSP the Natio	Internals Operating mp. LIANCE this <u>Rep</u> Director (Tit ECTION nal Board	(5)Rep' Pressure pair/Rep :le) of Boile	1 Valve (11)Re e Other lacement 	ep'l Pipe (14) At
Description of 1 8. Tests Conducted Pressure 9. Remarks <u>** Hyc</u> * 1 We certify that the of the ASME Code. S (Owner or Owner's De I, the undersigned, and the State or Pro	Nork (2)Rep'1 * Hydros psi Test Te ro pressure hydro pressure statements man igned signee) holding a val ovince of <u>Cal</u>	Bolting (3)Ma tatic <u>x</u> Pn mp. 2=275 psi, ure=3419 ps de/in this re 2022 David A. Vo id commission ifornia	ch. Repain eumatic^ F Temp= 5! i, at an CERTIFIC port are c CERTIFIC oSburg CERTIFIC issued by , emplo	r (4)Rep'l Nominal b deg F. nbient te ATE OF COMP correct and NSSS ATE OF INSP the Nation yed by	Internals Operating mp. LIANCE this <u>Rep</u> Director (Tit ECTION nal Board H.S.B.I. 8	(5)Rep Pressure pair/Rep cle) of Boile & I. Co.	1 Valve (11)Re e Other lacement er and Pressur	ep'l Pipe (14) At
Description of 1 8. Tests Conducted Pressure 9. Remarks <u>** Hyc</u> * 1 We certify that the of the ASME Code. S (Owner or Owner's De I, the undersigned, and the State or Pro- Hartford, CT.	Nork (2)Rep'1 * Hydros psi Test Te ro pressure hydro pressure tydro pressure statements man igned signee) holding a val ovince of <u>Cal</u> have inspec	Bolting (3)Ma tatic <u>x</u> Pn mp. 2=275 psi, ure=3419 ps de/in this re 2022 David A. Vo id commission ifornia cted the <u>Rep</u>	ch. Repain eumatic F Temp= 55 i, at an CERTIFIC port are of CERTIFIC issued by , emplo air/Replac	r (4)Rep'l Nominal b deg F. nbient te nbient te ATE OF COMP correct and NSSS ATE OF INSP the Nation yed by	Internals Operating mp. LIANCE this <u>Rep</u> Director (Tit ECTION nal Board H.S.B.I. 8 escribed	(5)Rep Pressure pair/Rep cle) of Boile <u>& I. Co.</u> in this F	1 Valve (11)Re e Other lacement F5B . 4 er and Pressur Report on	ep'l Pipe (14) At conforms to Sect <i>2,1996</i> Date) re Vessel Inspecto マーン, 19
Description of 1 B. Tests Conducted Pressure 9. Remarks <u>** Hyc</u> We certify that the of the ASME Code. S (Owner or Owner's De I, the undersigned, and the State or Pro- Hartford, CT. and state that to the	Nork (2)Rep'1 + Hydros psi Test Te ro pressure hydro pressure hydro pressure statements man igned signed holding a val ovince of <u>Cal</u> have inspect he best of my b	Bolting (3)Ma tatic <u>x</u> Pn mp. ==275 psi, ure=3419 ps de/in this re David A. Vo id commission ifornia cted the <u>Rep</u> knowledge and	ch. Repair eumatic Temp= 55 i, at ar CERTIFIC port are of CERTIFIC issued by , emplo air/Replac belief, t	r (4)Rep'l Nominal b deg F. nbient te nbient te ATE OF COMP correct and NSSS ATE OF INSP the Nation oyed by cementd this repair	Internals Operating MD. LIANCE this <u>Rep</u> Director (Tit ECTION nal Board H.S.B.I. 8 escribed or replace	(5)Rep* Pressure pair/Rep cle) of Boile & I. Co. in this F cement ha	1 Valve (11)Re e Other lacement er and Pressur Report on as been constr	ep'l Pipe (14) At conforms to Sect 2,1996 Date) re Vessel Inspector 2-2, 19 ructed in accordan
Description of 1 8. Tests Conducted Pressure 9. Remarks <u>** Hyc</u> * 1 We certify that the of the ASME Code. S (Owner or Owner's De I, the undersigned, and the State or Pro- <u>Hartford, CT.</u> and state that to the with Section XI of the	Nork (2)Rep'1 + Hydros psi Test Te ro pressure hydro pressure hydro pressure statements man igned signed holding a val ovince of <u>Cal</u> have inspect the ASME Code.	Bolting (3)Ma tatic <u>x</u> Pn mp. 2=275 psi, ure=3419 ps de/in this re 2 David A. Vo id commission ifornia cted the <u>Rep</u> knowledge and By signing t	certific certific certific certific port are of certific issued by , emplo air/Replac belief, t	r (4)Rep'1 Nominal <u>5 deg F.</u> <u>nbient te</u> ATE OF COMP correct and <u>NSSS</u> ATE OF INSP y the Nation yed by <u>1</u> <u>cement</u> du his repair icate, nei	Internals Operating MP. LIANCE this <u>Rep</u> Director (Tit ECTION nal Board H.S.B.I. escribed or replace ther the 1	(5)Rep* Pressure pair/Rep 21e) of Boile & I. Co. in this F cement ha Inspector	1 Valve (11)Re e Other e Other lacement lacement er and Pressur Report on as been constr nor his empl	ep'l Pipe (14) At conforms to Sect 2.1996 Date) re Vessel Inspector 2-2., 19 ructed in accordant loyer makes any
Description of 1 8. Tests Conducted Pressure 9. Remarks <u>** Hyc</u> We certify that the of the ASME Code. S (Owner or Owner's De I, the undersigned, and the State or Pro- <u>Hartford, CT.</u> and state that to the with Section XI of the warranty, expressed	Nork (2)Rep'1 * Hydros psi Test Te tro pressure hydro pressure hydro pressure tydro pressure hydro pres	Bolting (3)Ma tatic <u>x</u> Pn mp. ==275 psi, ure=3419 ps defin this re David A. Vo id commission ifornia cted the <u>Rep</u> knowledge and By signing t	certific certific certific port are of certific issued by , emplo air/Replac belief, t his certif repair or	r (4)Rep'l Nominal Odeg F. Nbient te Nbient te ATE OF COMP Correct and NSSS ATE OF INSP the Nation byed by the Nation byed by this repair icate, nei replacement	Internals Operating Mp. LIANCE this <u>Re</u> Director (Tit ECTION nal Board H.S.B.I. 8 escribed or replac ther the int describ	(5)Rep ⁺ Pressure pair/Rep : : : : : : : : : : : : : : : : : : :	1 Valve (11)Re e Other e Other lacement lacement er and Pressur Report on as been constr nor his emplois Report. Fu	conforms to Sect conforms to Sect
Description of N 8. Tests Conducted Pressure 9. Remarks <u>** Hyc</u> * 1 	Nork (2)Rep'1 + Hydros psi Test Te ro pressure ydro pressure ydro pressure igned signee) holding a val wince of <u>Cal</u> have inspect the ASME Code. or implied, comployer shall b	Bolting (3)Ma tatic <u>x</u> Pn mp. ==275 psi, ure=3419 ps de/in this re David A. Vo id commission ifornia cted the <u>Rep</u> knowledge and By signing t oncerning the be liable in	ch. Repain eumatic F Temp= 55 i, at an CERTIFIC port are of CERTIFIC issued by , emplo air/Replac belief, th his certif repair or any manner	r (4)Rep'l Nominal Odeg F. Nbient te Nbient te ATE OF COMP Correct and NSSS ATE OF INSP the Nation byed by the Nation byed by this repair icate, nei replacement	Internals Operating Mp. LIANCE this <u>Re</u> Director (Tit ECTION nal Board H.S.B.I. 8 escribed or replac ther the int describ	(5)Rep ⁺ Pressure pair/Rep : : : : : : : : : : : : : : : : : : :	1 Valve (11)Re e Other e Other lacement lacement er and Pressur Report on as been constr nor his emplois Report. Fu	conforms to Sect conforms to Sect
Description of N 8. Tests Conducted Pressure 9. Remarks <u>** Hyc</u> * I We certify that the of the ASME Code. S (Owner or Owner's De I, the undersigned, and the State or Pro- <u>Hartford, CT.</u> and state that to the with Section XI of the warranty, expressed Inspector nor his er- arising from or com	Nork (2)Rep'1 + Hydros psi Test Te ro pressure ydro pressure	Bolting (3)Ma tatic <u>x</u> Pn mp. <u>2=275 psi,</u> <u>1re=3419 ps</u> <u>de/in this re</u> <u>2022</u> David A. Vo id commission <u>ifornia</u> cted the <u>Rep</u> knowledge and By signing t pncerning the be liable in is inspection	ch. Repair eumatic F Temp= 55 i, at ar CERTIFIC port are of CERTIFIC issued by , emplo air/Replac belief, t his certif repair or any manner	r (4)Rep'l Nominal Dominal Control te Noted F. Noted F. N	Internals Operating mp. LIANCE this <u>Rep</u> Director (Tit ECTION nal Board H.S.B.I. { escribed or replac ther the int describes ther the int	(5)Rep ⁺ Pressure pair/Rep cle) of Boile & I. Co. in this F cement ha Inspector bed in th njury or	1 Valve (11)Re e Other e Other lacement lacement er and Pressur Report on as been constr nor his emplois Report. Fu property dama	conforms to Sect conforms to Sect
Description of N 8. Tests Conducted Pressure 9. Remarks <u>** Hyc</u> * 1 We certify that the of the ASME Code. S (Owner or Owner's De I, the undersigned, and the State or Pro <u>Hartford, CT.</u> and state that to the with Section XI of the warranty, expressed Inspector nor his er	Nork (2)Rep'1 + Hydros psi Test Te ro pressure ydro pressure	Bolting (3)Ma tatic <u>x</u> Pn mp. <u>2=275 psi,</u> <u>1re=3419 ps</u> <u>de/in this re</u> <u>2022</u> David A. Vo id commission <u>ifornia</u> cted the <u>Rep</u> knowledge and By signing t pncerning the be liable in is inspection	ch. Repair eumatic F Temp= 55 i, at ar CERTIFIC port are of CERTIFIC issued by , emplo air/Replac belief, t his certif repair or any manner	r (4)Rep'l Nominal Dominal Control te Noted F. Noted F. N	Internals Operating mp. LIANCE this <u>Rep</u> Director (Tit ECTION nal Board H.S.B.I. { escribed or replac ther the int describes ther the int	(5)Rep ⁺ Pressure pair/Rep cle) of Boile & I. Co. in this F cement ha Inspector bed in th njury or	1 Valve (11)Re e Other e Other lacement lacement er and Pressur Report on as been constr nor his emplois Report. Fu property dama	conforms to Sect conforms to Sect

Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11 in., (2) mormation 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.



• • • • . . . **.**

.

, , , , ,

14

•

دی جوم جوم میں جوم میں جوم میں جوم

`

.

і

*

1

• 'z

ļ,

Owner Pacif	fic Gas and 7 Beale Str	Electric (reet, San f	Company Trancisc	o, CA 94	106	(Date <u>Decem</u> Sheet <u>2</u>	ber 26, 1995
	010 Canyon I 0. Box 56, A			424		I	Unit <u>1</u>	-
 Work Performed B Identification c 	See	e Above emical and		Control Stamp Co	System (-	. P.O. No., Jo	ob No., etc.
5. (a) Applicable ((b) Applicable E 6. Identification of	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	Name of Mfr. 	Mfrs. Ser. No.	•		-	Built	Repaired Replaced, or Replacement 	-
(4) CVCS-1-8387C (4) PDP 1-1 (2) PDP 1-1 (3) PDP 1-1	Velan Union Pp Union Pp Union Pp	6A19 274173 274173 274173 274173	N/A N/A N/A N/A	C0131251 C0132154 C0132391 C0132391	_N/A _N/A	Unknown	Replacement Replacement Replacement Replacement	INo
(14) PDP 1-1 ***(12) line 1662 (4) CVCS-1-8440 CCP 1-2	Union Pp PG&E Anchor Darlg Pacific Pump	the second s	N/A N/A N/A N/A	R0143893 C0099009 C0140054 C0137969	N/A 1662 0041	l Unknown I Unknown	Replacement Replacement Replacement	INo
Line 0046 Flange	PG&E 	N/A	N/A 	C0120118 		Unknown 		No
· · · · · · · · · · · · · · · · · · ·			 	 			Ψ.	
· · · · · · · · · · · · · · · · · · ·			 					
n			 					

9. Remarks (2) Replace Bolting (3) Mach. Work Repair (4) Replace Internals (14) Replace Pp Internation (Applicable Manufacturer's Data Reports to be attached) Remarks cont. (12) New Pipe Installation,*** Hydro press. 750 PSI, Ambient Temp

• • •

•

v

•

9 •

a An an An an

3. F

1

1

Owner Pa	ncific Gas a	nd Electric	Company				Date <u>Decem</u>	ber 26, 1995 of2
	77 Beale S	treet, San	Francisc	o, CA 94	106		_ Sheet]	l of2
2. Plant	liablo Canyon P.O. Box 56,	n Power Plar Avila Beac	nt h CA 93	424			Unit <u>1</u>	
3. Work Perform	ed by0	wner						
		ee Above			Rej	pair Org.	P.O. No., J	ob No., etc.
4. Identificatio	on of System							
5. (a) Applicab (b) Applicab 6. Identification	le Edition of S	Code ection XI Util	19Ed ized for R	epairs or R	Addenda eplacemen	1, Code C 1ts - 19_	ases <u>N/A</u>	nda, Code Cases <u>N/A</u>
Name of	Name of	Mfrs. Ser.	Nat'l	Work Order	Other	Year	Repaired	ASME Code
Component	Mfr.	No.	bd. No.	-			Replaced, or	-
		1		1	Line No. 	1	Replacement	(Yes or No) 1
3) 73-88	PG&E	I N/A	I N/A	C0138829	1 1468	Unknown	IRepair	No
9) 55S-124R	PG&E	N/A	I N/A	C0131732	i 0048		Replacement	
8) 99-78	IPG&E	I N/A	I N/A	C0096798			[Replacement	
8) 73-91R	PG&E	<u> N/A</u>	I N/A	C0109572	0044		Replacement	
<u>8) 186-11R</u> 14) 73-88	PG&E PG&E	N/A N/A	<u> N/A</u> N/A	C0138955	<u>N/A</u> 1463		Replacement	No No
. Tests Conduct ressure . Remarks	psi Test	ostatic P Temp	neumatic _ _ °F	Nominal	Operating	Pressur	e Other _	
				ATE OF COMP				
e certify that t	the statements a	nade in this r	eport are	correct and	this <u>Re</u>	pair/Rep		_conforms to Section
f the ASME Code.	· · · · · · · · · · · · · · · · · · ·	David A. N	lochuror	<u>N222</u>	Director	tle)		<u>2 1996</u> (Date)
Owner or Owner's	s pesignee)	Davia A.	•	ATE OF INSP	•	ule)		(Dale)
. the undersigne	d. holding a v	alid commission				of Boil	er and Pressu	re Vessel Inspectors
nd the State or				oyed by				of
Hartford, CT.		pected the <u>Re</u>						2-2, 1996
								ructed in accordance
ith Section XI o								
								urthermore, neither t
rising from or c			-	r for any p	ersonal 1	njury or	property dam	age or loss of any ki
ate <u>Feb:</u> Inspector) enny D. Kim	9, 1996	(State or	Province,	National B	Commissio oard)	ns <u>CA 1</u>	<u>328´- NB 9990</u>	
e: Supplementa	ems 1 through 4	l on this data	report is					is 8 1/2 x 11 in., (2) et is numbered and the
mber of sheets	is recorded at	the top of th	is form.					



· · ·

N.

7

1 and 1

•

.

ľ

ļ,

	Owner <u>Pacif</u>	<u>ic Gas and</u> 7 Beale St	Electric (reet, San F	Company Francisc	o, CA 94	106	(Date <u>Decem</u> Sheet <u>2</u>	ber 26, 1995
2.	Plant Diab	1o Canyon . Box 56,	Power Plant Avila Beact	t 1 CA 93	424		l	Jnit <u>1</u>	-
3.	Work Performed b		ner e Above			Rep	pair Org.	P.O. No., Jo	ob No., etc.
5.	Identification o (a) Applicable C (b) Applicable E Identification of	onstruction C dition of Sec	(See Code tion XI Utili	Below - 19Ed zed for R	Stamp Co ition <u></u> epairs or R	lumn) Addenda eplacemen	, Code Ca ts - 19_3	ases <u>N/A</u> 77, <u>S'78</u> Adde	nda, Code Cases <u>N/A</u>
	me of mponent	Name of Mfr. 	Mfrs. Ser. No. 		No.	-	Built	Repaired Replaced, or Replacement	Stamped
(9)	73-34 55s-124R	PG&E	I N/A I N/A	N/A N/A	C0131732	l_0048	Unknown	Replacement	
_	12-158SL) 23-284R	I PSA I PG&E	<u>392</u> <u>N/A</u>	N/A N/A	C0136250 C0130774		Unknown Unknown	Replacement Repair	INO INO I
3]]	1		 			1
			 			1 1 1			I
			<u> </u> 	<u> </u>		 			1
			<u> </u>	<u> </u>		 		· · · · · · · · · · · · · · · · · · ·	I
	· · · · · · · · · · · · · · · · · · ·		 	<u> </u> 		 		 	<u> </u>
			I	1					
			I	 		l			l

9. Remarks (3) Machine Work (8) Replace Support Parts (9) Delete Support Parts (14) Cope Support (Applicable Manufacturer's Data Reports to be attached)

· · · · · · · · · ·

۰۶,

* v

,

· · ·

.

51

25	Owner Pacif	ic Gas and	Flectric	Company			ſ	Data Decemi	her 26, 1995	
Ť.	owner <u>racii</u>	7 Beale Str	reet, San	Francisc	co, CA 94	106	·	Sheet 1	ber 26, 1995 of	1
2.	Plant Diab		Power Plan	t						
			-					-		
3.	Work Performed b		er Above			Rep	pair Org.	P.O. No., Jo	ob No., etc.	
4.	Identification o	f System <u>Sa</u>			stem (09) ow - Code	Stamp	Column))		
	(a) Applicable C(b) Applicable EIdentification of	dition of Sect	tion XI Util	ized for R	Repairs or R	eplacemen	ts - 19 <u>_</u>	ases <u>N/A</u> 77, <u>S'78</u> Adde	nda, Code Cases	: <u>N</u>
	<u>بہ</u> جہ کا یہ جہ حد نے بے کا یہ جہ دے ہے									
	ne of nponent	•	Mfrs. Ser. No. 	Nat'l bd. No. 	No.		Built	Repaired Replaced, or Replacement	Stamped	
*(14) Accum 1-2 noz.	Delta South	41048-70-8	2566	C0105021	I I N/A	1970	Replacement	lYes	
) Accum 1-4 noz.		41049-70-2	2566	C0104295	1 N/A	1970	Replacement	Yes	
				1 11 7 4	1 00000010	1 S1-2"	Ilinknown	Dontscomont	IVAC	
		Anchor Darlg		<u>N/A</u>	C0093912			Replacement		
(15)	SI-1-8981	Velan Valve	0293	N/A	C0127396	0223	Unknown	Replacement	No	
(15) (4) (13)	SI-1-8981 SI-1-8949B SI-1-8953B Description of W	<u> Velan Valve</u> Velan Valve Anchor Darlg ork <u>(4) Replac</u>	0293 N/F 3533 ce Internals	N/A N/A N/A (13) Rep1	C0127396 C0133708 C0093899 ace valve (0223 0236 S1-2" 14) Repla	Unknown Unknown Unknown ce Nozzle	Replacement Replacement Replacement e (15) Replac	No No Yes re Lugs	
(15) (4) *(13 *. 3. Pres	SI-1-8981 SI-1-8949B SI-1-8953B Description of W Tests Conducted: sure 770	<u> Velan Valve</u> Velan Valve Anchor Darlg ork <u>(4) Replac</u> * Hydrost	0293 N/F 3533 ce Internals tatic <u>X</u> P	N/A N/A N/A (13) Rep1 neumatic _	C0127396 C0133708 C0093899 ace valve (0223 0236 S1-2" 14) Repla	Unknown Unknown Unknown ce Nozzle	Replacement Replacement Replacement e (15) Replac	No No Yes re Lugs	
(15) (4) +(13 +(13 +) 	SI-1-8981 SI-1-8949B SI-1-8953B Description of W Tests Conducted:	<u> Velan Valve</u> Velan Valve Anchor Darlg ork <u>(4) Replac</u> * Hydrost	0293 N/F 3533 ce Internals tatic <u>X</u> P	N/A N/A N/A (13) Rep1 neumatic _	C0127396 C0133708 C0093899 ace valve (0223 0236 S1-2" 14) Repla	Unknown Unknown Unknown ce Nozzle	Replacement Replacement Replacement e (15) Replac	No No Yes re Lugs	
(15) (4) +(13 +(13 +) 	SI-1-8981 SI-1-8949B SI-1-8953B Description of W Tests Conducted: sure 770	<u> Velan Valve</u> Velan Valve Anchor Darlg ork <u>(4) Replac</u> * Hydrost	0293 N/F 3533 ce Internals tatic <u>X</u> P	N/A N/A N/A (13) Rep1 neumatic _ _ °F	C0127396 C0133708 C0093899 ace valve (Nominal	0223 0236 51-2" 14) Repla Operating	Unknown Unknown Unknown ce Nozzle	Replacement Replacement Replacement e (15) Replac	No No Yes re Lugs	
(15) (4) (13) (13) (13) (13) (13) (13) (13) (13	SI-1-8981 SI-1-8949B SI-1-8953B Description of W Tests Conducted: Sure 770 Remarks	<u> Velan Valve</u> <u> Velan Valve</u> <u> Anchor Darlg</u> ork <u>(4) Replac</u> * Hydrost psi Test Ten statements mag	0293 N/F 3533 ce Internals tatic X Pr np. Ambient	N/A N/A N/A (13) Rep1 neumatic _ _ °F CERTIFIC aport_are	C0127396 C0133708 C0093899 ace valve (0223 0236 S1-2" 14) Repla Operating LIANCE this	Unknown Unknown Ce Nozzle Pressure Rep	IReplacement IReplacement IReplacement e (15) Replacement e Other	No No Yes e Lugs 	
(15) (4) t(13) t(13) t(13) t(13) t(13) t(13) t(13) t(15) t(1	SI-1-8981 SI-1-8949B SI-1-8953B Description of W Tests Conducted: sure 770 Remarks ertify that the he ASME Code. Si	<u> Velan Valve</u> <u> Velan Valve</u> <u> Anchor Darlg</u> ork <u>(4) Replac</u> * Hydrost psi Test Ten statements mad gned	$\frac{10293}{N/F}$ $\frac{3533}{ce \text{ Internals}}$ $\frac{10000}{tatic X}$ $\frac{X}{Pi}$ $\frac{Ambient}{Pi}$	N/A N/A (13) Rep1 neumatic _ *F CERTIFIC aport are	C0127396 C0133708 C0093899 ace valve (0223 0236 S1-2" 14) Repla Operating LIANCE this Director	Unknown Unknown Ce Nozzle Pressure Rep	IReplacement IReplacement IReplacement e (15) Replacement e Other acement Iacement	No No Yes :e Lugs 	ecti
(15) (4) *(13) *(13) *(13) *(13) *(13) *(13) *(13) *(13) *(13) *(13) *(15) *(15)	SI-1-8981 SI-1-8949B SI-1-8953B Description of W Tests Conducted: Sure 770 Remarks	<u> Velan Valve</u> <u> Velan Valve</u> <u> Anchor Darlg</u> ork <u>(4) Replac</u> * Hydrost psi Test Ten statements mad gned	0293 N/F 3533 ce Internals tatic X Pr np. Ambient	N/A N/A N/A (13) Rep1 neumatic _ *F CERTIFIC oport are 'OSburg	C0127396 C0133708 C0093899 ace valve (0223 0236 S1-2" 14) Repla Operating UIANCE this Director (Tit	Unknown Unknown Ce Nozzle Pressure Rep	IReplacement IReplacement IReplacement e (15) Replacement e Other acement Iacement	No No Yes e Lugs 	
(15) (4) *(13) *(13) * * * * * * * * * * * * * * * * * * *	SI-1-8981 SI-1-8949B SI-1-8953B Description of W Tests Conducted: sure 770 Remarks ertify that the he ASME Code. Si	IVelan Valve IVelan Valve IAnchor Darlg ork (4) Replac * Hydrost psi Test Ten statements mad gned signee) holding a vali	1 0293 1 N/F 3533 ce Internals tatic X Pr np. Ambient tatic Y Pr pavid A. V id commission	I N/A I N/A (13) Rep1 neumatic - °F CERTIFIC oport are CERTIFIC osburg CERTIFIC n issued b	CO127396 CO133708 CO093899 ace valve (0223 0236 S1-2" 14) Repla Operating Operating LIANCE this Director (Tit ECTION nal Board	Unknown Unknown Unknown ce Nozzle Pressure Repi tle) of Boile	IReplacement IReplacement IReplacement e (15) Replac e Other e Other lacement fight	No No Yes e Lugs 	cto
(15) (4) *(13 3. Pres 9. Ve c of t (Own I, t Hand Ha	SI-1-8981 SI-1-8949B SI-1-8953B Description of W Tests Conducted: Sure 770 Remarks ertify that the the ASME Code. Si her or Owner's De the Undersigned, I the State or Pro- rtford, CT.	IVelan Valve IVelan Valve Anchor Darlg ork (4) Replac * Hydrost psi Test Ten statements mad gned signee) I holding a vali vince ofCali have inspec	l 0293 l N/F 3533 ce Internals tatic X Property of the second	N/A N/A N/A (13) Rep1 neumatic "F CERTIFIC port are CERTIFIC obsburg CERTIFIC n issued b , emp1 Rep1ac	CO127396 CO133708 CO093899 ace valve (Nominal CATE OF COMP correct and NSSS CATE OF INSP y the Natio oyed by ementd	0223 0236 S1-2" 14) Repla Operating Operating LIANCE this Director (Tit ECTION nal Board H.S.B.I. escribed	Unknown Unknown Ce Nozzle Pressure Repi tle) of Boile & I. Co. in this F	IReplacement IReplacement IReplacement e (15) Replac e Other lacement lacement rend Pressure er and Pressure Report on	INO INO IYes e Lugs 	
(15) (4) *(13) *(1	SI-1-8981 SI-1-8949B SI-1-8953B Description of W Tests Conducted: Sure 770 Remarks ertify that the the ASME Code. Si the or Owner's De the undersigned, I the State or Pro- rtford, CT. state that to the	IVelan Valve IVelan Valve Anchor Darlg ork (4) Replac * Hydrost psi Test Ten statements mad gned signee) I holding a vali vince ofCali have inspec e best of my k	l 0293 l N/F l 3533 ce Internals tatic X Property of the second seco	N/A N/A N/A (13) Rep1 neumatic "F CERTIFIC port are CERTIFIC of issued b , emp1 Rep1ac d belief,	CO127396 CO133708 CO093899 ace valve (Nominal CATE OF COMP correct and NSSS CATE OF INSP y the Natio oyed by ementd this repair	0223 0236 S1-2" 14) Repla Operating Operating LIANCE this Director (Tit ECTION nal Board H.S.B.I. escribed or replace	Unknown Unknown Ce Nozzle Pressure Repi tle) of Boile & I. Co. in this F	IReplacement IReplacement IReplacement e (15) Replac e Other accement Incement Incement Incement Incement Incement Incement	INO INO IYes e Lugs 	cto 19 dan
(15) (4) *(13) Press Press Press Press (0wn (0wn (1, t (0wn (1, t (1, t) (0wn (1, t) (1, t) (SI-1-8981 SI-1-8949B SI-1-8953B Description of W Tests Conducted: Sure 770 Remarks ertify that the the ASME Code. Si her or Owner's De the Undersigned, I the State or Pro- rtford, CT.	IVelan Valve IVelan Valve IAnchor Darlg ork (4) Replac * Hydrost psi Test Ten statements mad gned signee) holding a vali vince of Cali have inspec e best of my k he ASME Code. or implied, co ployer shall b	l 0293 l N/F 3533 ce Internals tatic X Pr mp. Ambient def in this r Ambient bavid A. V id commission ifornia cted the By signing the pocerning the pocerning the	I N/A I N/A I N/A (13) Rep1 neumatic - *F CERTIFIC oport are CERTIFIC oport are CERTIFIC issued b , emp1 CERTIFIC this certi e repair o any manne	CO127396 CO133708 CO093899 ace valve (0223 0236 S1-2" 14) Repla Operating Operating CLIANCE this Director (Tit ECTION nal Board H.S.B.I. escribed or replac ther the nt descril	Unknown Unknown Unknown Ce Nozzle Pressure Pressure Repi tle) of Boile & I. Co. in this F cement ha Inspector bed in th	IReplacement IReplacement IReplacement e (15) Replacement e Other a been constr r nor his emport. Fis Report. Fis	INO INO IYes e Lugs conforms to Se J946 (Date) re Vessel Inspe 2-2, ructed in accor loyer makes any urthermore, nei	the
(15) (4) *(13) *(13) *(13) *(13) *(13) *(14) *(15) *(13) *(13) *(14) *(15) *(15) *(15) *(15) *(13) *(15) *(13) *(1	SI-1-8981 SI-1-8949B SI-1-8953B Description of W Tests Conducted: Sure 770 Remarks ertify that the he ASME Code. Si her or Owner's De the Undersigned, I the State or Pro- rtford, CT. state that to the Section XI of t anty, expressed ector nor his em ing from or conn	IVelan Valve IVelan Valve IAnchor Darlg ork (4) Replac * Hydrost psi Test Ten statements mad gned signee) holding a vali vince of Cali have inspec e best of my k he ASME Code. or implied, co ployer shall b	l 0293 l N/F 3533 ce Internals tatic X Property of the second	N/A N/A N/A (13) Rep1 neumatic "F "F CERTIFIC port are CERTIFIC obsburg CERTIFIC issued b , emp1 <u></u>	CO127396 CO133708 CO093899 ace valve (Nominal CATE OF COMP correct and CATE OF INSP y the Natio oyed by ementd this repair ficate, nei r replaceme r for any p	0223 0236 S1-2" 14) Repla Operating Operating LIANCE this Director (Tit ECTION nal Board H.S.B.I. escribed or replac ther the nt descril ersonal in	Unknown Unknown Unknown ce Nozzle Pressure Repi tle) of Boile & I. Co. in this f cement ha Inspector bed in th njury or	IReplacement IReplacement IReplacement e (15) Replacement e Other as been construction	INO INO IYes e Lugs 	the

A.



f . ٠

ه تا ۲۰۰۱ ۲۰۰۱

,

.

'**a** P •

i,

.

.

£.

.

i.

•

t

-

	· .		FORM NIS- As Required		REPORT OF RE ovisions of				
	Owner <u>Paci</u>	fic Gas an 77 Beale S	d Electric treet, San	Company Francisc	co, CA 94	1106		Date <u>Decem</u> Sheet	ber 26, 1995
2.	Plant <u>Dial</u>	blo Canyon D. Box 56,	Power Plan Avila Beac	nt :h CA 93	3424			Unit <u>1</u>	
3.	Work Performed l	oy0						1. P.O. No., Ju	
5.	Identification of (a) Applicable ((b) Applicable E dentification of	Construction	Code	(See Be 19Ec ized for F	lOW - Code dition Repairs or R	Addenda eplacemen	, Code (its - 19	Cases N/A	nda, Code Cases <u>N/A</u>
	e of ponent	Name of Mfr. 	Mfrs. Ser. No. 	-	No.		Built	Repaired Replaced, or Replacement	Stamped
(12)	288-78R	PG&E	<u> N/A</u>	<u> N/A</u>	C0098669	1661	1992	Replacement	INO
		1			<u> </u>	 	 	<u> </u>	l
		<u> </u>	<u> </u>	<u> </u>	<u> </u>	1	1	1	1
Pres	Tests Conducted: sure Remarks	psi Test T	static P emp	_ *F		Operating	Pressur	re Other	_
				· · · · · · · · · · · · · · · · · · ·		,			
of tl	ertify that the ne ASME Code. Si	, gned	<u>/ 20, 0, 0</u>	sport, are		this Director		FEB 2	
-	er or Owner's De	• •	David A. V	CERTIFIC	ATE OF INSPI	(Tit ECTION	•		(Date)
and t <u>Har</u>	the State or Prov tford, CT.	vince of <u>Ca</u> have insp	lifornia ected the	, empl Replac	oyed by <u>F</u> ement de	I.S.B.I. 8	<u>& I. Co.</u> in this	Report on	re Vessel Inspectors of <i>えー え</i> , 19 %
vith varra [nspe	Section XI of the section XI of the section XI of the section of t	he ASME Code or implied, o ployer shall	. By signing f concerning the be liable in	this certine repair of any manner	ficate, neit r replacemer	ther the l t describ	Inspecto Ded in t	r nor his empl his Report. Fu	ructed in accordance
	<u>Jeb. 2</u> vector) y D. Kim	, 1996	(State or	Province,	C <u>.</u> National Bo	Commission ard)	ns <u>CA 1</u>	828 - NB 9990	
Note:	Supplemental sh	1 through 4	on this data	report is	r drawings m included on	ay be use each she	ed provident, and	ded (1) size i (3) each shee	s 8 1/2 x 11 in., (2 t is numbered and th

ડાં

ľ



x

P 11

•

.

ι,



0wner Paci	fic Gas and	Electric	Company				Date <u>Decem</u>	ber 26, 1995
·	7 Beale St	reet, San	Francisc	:o, CA 94	106		_ Sheet]	ber 26, 1995
2. Plant <u>Dial</u>	blo Canyon D. Box 56, /			494		(Unit <u>1</u>	
F•U	J. DUX 30, /	AVIIA DEAC	<u>II CA 95</u>	424			-	
3. Work Performed I	oy <u>Owr</u>	ner						
		e Above			Rej	pair Org.	P.O. No., J	ob No., etc.
1. Identification of	of System <u>Re</u>							
5. (a) Applicable (`anabuuatian C	a da	(See Bel	ow – Code	Stamp	Column)	
(b) Applicable (dition of Sec	tion XI Util	ized for R	epairs or R	<u>Addenda</u> eplacemen	i, code c its - 19	ases <u>N/A</u> 77. S'78 Adde	nda, Code Cases
5. Identification of							,	,
Name of	IName of	IMfrs. Ser.	INat'l	Work Order	Inther		 Renaired	LASHE Code
		No.					Replaced, or	
	1	1	1		Line No.		Replacement	· · ·
(2) Line 111 Flange	I IPG&F	I I_N/A	<u> </u> N/A	L C0135439	 0111	 linknown	Replacement	
(2) RHR Pp Flange		I N/A					Replacement	
(2) RHR-1-8703	Velan Valve	24777	I N/A	C0133719	0985	Unknown	Replacement	No
		4		1	1			
	1		1	· <u>·</u>	1	1	1	1
Description of W	 ork <u>(2) Rep</u>]	 ace Bolting		 	I	1	l	I
Description of W . Tests Conducted: ressure	* Hydros	tatic Pi	I neumatic _ °F	 Nominal	l I Operating	Pressure	 e Other	l
. Tests Conducted: ressure	* Hydros	tatic Pi	I neumatic °F	 Nominal	l Dperating	l Pressure	 e Other	I
. Tests Conducted: ressure	* Hydros	tatic Pi	I	 Nomina]	l Operating	l Pressure	 e Other	I
. Tests Conducted: ressure . Remarks	* Hydros psi Test Ter	tatic Pr	_ °F CERTIFIC	ATE OF COMP	LIANCE	Pressure	 e Other	
e certify that the	* Hydros psi Test Ter 	tatic Pr	_ °F CERTIFIC	ATE OF COMP correct and	LIANCE this	 	lacement	conforms to Sec
. Tests Conducted: ressure . Remarks	* Hydrost psi Test Ter statements mac	tatic Pr	_ °F CERTIFIC epørt are	ATE OF COMP correct and NSSS	LIANCE	Rep	lacement	conforms to Sec
e certify that the f the ASME Code. Si Owner or Owner's De	* Hydros psi Test Ter statements mac igned signee)	tatic Pr mp le ih this ro David A. V	°F CERTIFIC epørt are (/OSburg 4 CERTIFIC	ATE OF COMP correct and NSSS ATE OF INSP	LIANCE this Director (Tit ECTION	Rep [.]	lacement	_conforms to Sec ノヨタム (Date)
e certify that the f the ASME Code. Si Owner or Owner's De , the undersigned,	* Hydros psi Test Ter statements mac igned signee) holding a val	tatic Pr mp the in this re David A. V id commission	CERTIFIC cent are osburg certific n issued by	ATE OF COMP correct and NSSS ATE OF INSP y the Nation	LIANCE this <u>Director</u> (Tit ECTION nal Board	Rep 21e) of Boile	lacement	_conforms to Sec ノヨタム (Date)
. Tests Conducted: ressure . Remarks e certify that the f the ASME Code. Si Owner or Owner's De , the undersigned, nd the State or Pro Hartford, CT.	* Hydros psi Test Ter statements mac igned signee) holding a val vince of <u>Cal</u>	tatic Property Property Property Provided Pr	CERTIFIC centific eport are CERTIFIC certific n issued by , emplo Replace	ATE OF COMP correct and NSSS ATE OF INSP y the Nation byed by ement do	LIANCE this Director (Tit ECTION nal Board 1.S.B.I. & escribed	Rep tle) of Boild & I. Co. in this F	lacement /エージューズ, er and Pressur Report on	_conforms to Sec ノタクム (Date) re Vessel Inspect
e certify that the f the ASME Code. Si Owner or Owner's De , the undersigned, nd the State or Pro <u>Hartford, CT.</u> nd state that to th	* Hydros psi Test Ter statements mac igned signee) holding a val vince of <u>Cal</u> have inspec e best of my b	tatic Property Property Property Provided Pr	CERTIFIC epørt are /OSburg CERTIFIC n issued bj , emplo Replac d belief,	ATE OF COMP correct and NSSS ATE OF INSP y the Nation byed by ementdu this repair	LIANCE this Director (Tit ECTION nal Board <u>i.S.B.I. (</u> escribed or replace	Rep tle) of Boile & I. Co. in this f cement ha	er and Pressur Report on as been constr	_conforms to Sec <i>1 ヨウム</i> (Date) re Vessel Inspect <i>ユーつ</i> , 19 ructed in accorda
e certify that the f the ASME Code. Si 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	* Hydros psi Test Ter statements mac igned signee) holding a val vince of <u>Cali</u> have inspec e best of my k he ASME Code.	tatic Pr np defination the second David A. V id commission ifornia sted the chowledge and By signing t	CERTIFIC epørt are CERTIFIC CERTIFIC n issued by , emplo Replac d belief, t	ATE OF COMP correct and NSSS ATE OF INSP y the Nation oyed by ement this repair ficate, nei	LIANCE this Director (Tit ECTION nal Board 1.S.B.I. 2 escribed or replace ther the	Rep tle) of Boile & I. Co. in this F cement ha Inspector	acement er and Pressur Report on as been constr nor his emp	_conforms to Sec <i>1 ヨウム</i> (Date) re Vessel Inspect <u>マーシ</u> , 19 ructed in accorda loyer makes any
e certify that the f the ASME Code. Si Owner or Owner's De , the undersigned, nd the State or Pro <u>Hartford, CT.</u> nd state that to th	* Hydrost psi Test Ter statements mac igned signee) holding a val vince of <u>Calf</u> have inspec e best of my k he ASME Code. or implied, co ployer shall b	tatic Pr mp provide the Davide A. V id commission ifornia cted the cnowledge and By signing the procerning the procerning the procent of the procession of the procession of the procession of the procession of the procession of the procession of the procession of the procession of the procession of the procession of the procession of the procesion of the procession of the procession of the procession o	CERTIFIC eport are CERTIFIC osburg C CERTIFIC n issued by , emplo Replac d belief, this certine repair on any manner	ATE OF COMP correct and NSSS ATE OF INSP y the Nation byed by ement this repair ficate, neif	LIANCE this Director (Tit ECTION nal Board i.S.B.I. 4 escribed or replac ther the int described	Rep of Boild & I. Co. in this f cement ha Inspector bed in th	er and Pressur Report on nor his empirical for the second se	_conforms to Sec /タタム (Date) re Vessel Inspect 2-2, 19 ructed in accorda loyer makes any urthermore, neith
e certify that the f the ASME Code. Si 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 nspector nor his em	* Hydrost psi Test Ter statements mac igned signee) holding a val vince of <u>Cali</u> wince of <u>Cali</u> chave inspec e best of my k he ASME Code. or implied, co ployer shall t ected with thi	tatic Property provided the second seco	CERTIFIC epørt are /OSburg C CERTIFIC n issued by , emple Replac d belief, this certin e repair of any mannen	ATE OF COMP correct and NSSS ATE OF INSP y the Nation by t	LIANCE this Director (Tit ECTION nal Board t.S.B.I. & escribed or replace ther the int describes nt describes ersonal in	Rep of Boile & I. Co. in this f cement ha Inspector bed in th njury or	er and Pressur Report on nor his empirical for the second se	_conforms to Sec $1 \neq 9 \leq$ (Date) re Vessel Inspect 2 - 2, 19 ructed in accordation loyer makes any urthermore, neithage or loss of an



· · · · ·



Ŧ њ

•

,

,

4

đ

٣

+

54 (

đ

61

,

Ŧ

	• • • • • • • • • • • • • • • • • • •							
. Owner Pac	cific Gas and	Electric	Company				Date <u>Decem</u>	ber 26, 1995
)	<u>cific Gas and</u> 77 Beale Sti	reet, San	Francisc	:0, CA 94	106		_ Sheet	l of2
. Plant <u>D</u> i							Unit <u>1</u>	
P	2.0. Box 56, A	Avila Beac	h CA 93	3424			→ ····································	
line by Day Course								
. Work Performe		e Above		·		ania Our	0.0 1/2 1	-1. 114-
		- ADOVE			ĸeļ	pair urg.	. P.O. No., J	OD NO., ETC.
. Identification	n of System <u>Re</u>	sidual Hea	t Remova	al System	(10)			
			(See Bel	ow - Code	Stamp	Column)	• ••••
. (a) Applicable	e Construction C	ode	19 Ed	lition	Addenda	, Code C	ases <u>N/A</u>	<u> </u>
(b) Applicable	e Edition of Sec	tion XI Util	ized for R	Repairs or R	eplacemen	ts - 19_	<u>77, S'78</u> Adde	nda, Code Cases _
. Identification	or components R	epaired or R	eplaced, a	ind Replacem	ent Compo	nents		
Name of	Name of	Mfrs. Ser.	Nat'1	Work Order	Inther	 IVoar	Repaired	LASHE Codo
Component		No.					Replaced, or	
	1	-	İ		Line No.		Replacement	
			<u> </u>	1	<u> </u>	I	I.	<u> </u>
3) 22-575SL	Anchor Darlg						Replacement	
3) 55-1 3) 15-112R		<u>N/A</u>	<u> N/A</u>	<u> C0098673</u>			Replacement	
) 10-112K	ורטמב ו	N/A	<u> N/A</u>	C0098688	0985	Unknown	Replacement	INO
		N/A	L NZA	1 00000000	0004	f the fam as an	and the second se	1.41
3) 15-26R	PG&E	N/A	N/A	C0098693		_	Replacement	
3) 15-26R 3) 23-162R 3) 23-164R	PG&E PG&E	N/A N/A	I N/A I N/A	C0098693 C0098696 C0098698	1662	Unknown	and the second se	No
3) 15-26R 3) 23-162R 3) 23-164R Description of Tests Conducte ressure	PG&E PG&E PG&E Work <u>(8) Repla</u> d: * Hydrost	N/A N/A ace Support f	N/A N/A Parts	C0098696 C0098698	1662 1662	Unknown Unknown	Replacement Replacement Replacement	INO INO
3) 15-26R 3) 23-162R 3) 23-164R Description of Tests Conducte	PG&E PG&E PG&E Work <u>(8) Repla</u> d: * Hydrost	N/A N/A ace Support f	N/A N/A Parts	C0098696 C0098698	1662 1662	Unknown Unknown	Replacement Replacement Replacement	INO INO
3) 15-26R 3) 23-162R 3) 23-164R Description of Tests Conducte ressure	PG&E PG&E PG&E Work <u>(8) Repla</u> d: * Hydrost	N/A N/A ace Support f	N/A N/A Parts	C0098696 C0098698	1662 1662	Unknown Unknown	Replacement Replacement Replacement	INO INO
3) 15-26R 3) 23-162R 3) 23-164R Description of Tests Conducte ressure	PG&E PG&E PG&E Work <u>(8) Repla</u> d: * Hydrost	N/A N/A ace Support f	N/A N/A Parts	C0098696 C0098698	1662 1662	Unknown Unknown	Replacement Replacement Replacement	INO INO
3) 15-26R 3) 23-162R 3) 23-164R Description of Tests Conducte ressure	PG&E PG&E PG&E Work <u>(8) Repla</u> d: * Hydrost	N/A N/A ace Support f	<u> N/A</u> <u> N/A</u> Parts neumatic *F	C0098696 C0098698 Nominal (1662 1662 Dperating	Unknown Unknown	Replacement Replacement Replacement	INO INO
B) 15-26R B) 23-162R B) 23-164R Description of Tests Conducte ressure Remarks	PG&E PG&E PG&E Work <u>(8) Repla</u> d: * Hydrost _ psi Test Tem	N/A N/A ace Support f catic Pr np	N/A N/A Parts neumatic _ _ °F CERTIFIC	C0098696 C0098698 Nominal (l 1662 l 1662 Dperating LIANCE	<u>Unknown</u> Unknown Pressure	Replacement Replacement Replacement	No No
3) 15-26R 3) 23-162R 3) 23-164R Description of Tests Conducte ressure Remarks certify that the the ASME Code.	PG&E PG&E PG&E PG&E Work <u>(8) Repla</u> d: * Hydrost _ psi Test Tem ie statements mad Signed~	N/A N/A ace Support f atic Pr pp e_m this re	N/A N/A Parts neumatic *F CERTIFIC port are of	C0098696 C0098698 Nominal (ATE OF COMPI correct and	l 1662 l 1662 Dperating LIANCE	<u> Unknown</u> Unknown Pressure Rep1	Replacement Replacement Replacement e Other acement	No No
3) 15-26R 3) 23-162R 3) 23-164R Description of Tests Conducte ressure Remarks certify that the the ASME Code.	PG&E PG&E PG&E PG&E Work <u>(8) Repla</u> d: * Hydrost _ psi Test Tem ie statements mad Signed~	N/A N/A ace Support f atic Pr pp e_m this re	N/A N/A Parts neumatic *F CERTIFIC port are of osburg	CO098696 CO098698 Nominal (ATE OF COMPL correct and NSSS	l 1662 l 1662 Dperating LIANCE this Director (Tit	Unknown JUnknown Pressure Rep1	Replacement Replacement Replacement e Other acement	No No
<pre>3) 15-26R 3) 23-162R 3) 23-164R Description of Tests Conducte ressure Remarks certify that th the ASME Code. Womer or Owner's</pre>	IPG&E IPG&E IPG&E IPG&E Work (8) Repla d: * Hydrost psi Test Ten signed Designee)	N/A N/A ace Support f atic Pr pp e /m this re David A. V	N/A N/A Parts eumatic *F CERTIFIC port are of OSburg CERTIFIC	COO98696 COO98698 COO98698 COO98698 COO98698 COO98698 COO98698 COO98698 COO98696 COO98696 COO98696 COO98696 COO98696 COO98696 COO98696 COO98696 COO98696 COO98698 COO98698	l 1662 l 1662 Dperating LIANCE this Director (Tit	Unknown Unknown Pressure Rep1 1e)	Replacement Replacement Replacement e Other acement (No No
<pre>3) 15-26R 3) 23-162R 3) 23-164R Description of Tests Conducte ressure Remarks certify that th the ASME Code. wner or Owner's the undersigned</pre>	PG&E PG&E PG&E Work (8) Repla d: * Hydrost psi Test Ten signed Designee) [holding a vali	N/A N/A ace Support f atic Pr p e in this re David A. V d commission	I N/A I N/A Parts neumatic *F CERTIFIC port are of CERTIFIC osburg CERTIFIC	CO098696 CO098698 Nominal (ATE OF COMPL correct and NSSS ATE OF INSPE y the Nation	Derating Derating LIANCE this Director (Tit ECTION bal Board	Unknown Unknown Pressure Repl le) of Boile	Replacement Replacement Replacement e Other acement (No No
3) 15-26R 3) 23-162R 3) 23-164R Description of Tests Conducte ressure Remarks certify that the the ASME Code. wner or Owner's the undersigned d the State or P	PG&E PG&E PG&E Work (8) Repla d: * Hydrost psi Test Ten signed Designee) [, holding a vali rovince of <u>Cali</u>	N/A N/A ace Support f atic Pr p e m this re David A. V d commission fornia	I N/A I N/A Parts neumatic °F CERTIFIC port are of OSburg CERTIFIC issued by , emplo	CO098696 CO098698 CO098696 CO098696 CO098696 CO098696 CO098696 CO098696 CO098698 CO0986 CO09869 CO098698 CO098698 CO098698 C	Derating Derating LIANCE this Director (Tit ECTION bal Board I.S.B.I. 8	Unknown Unknown Pressure Repl le) of Boile L. Co.	IReplacement IReplacement IReplacement e Other acement Incoment Incoment <td> No No </td>	No No
3) 15-26R 3) 23-162R 3) 23-164R Description of Tests Conducte ressure	PG&E PG&E PG&E Work (8) Repla d: * Hydrost psi Test Tem signed Designee) E , holding a vali rovince of <u>Cali</u> have inspec	N/A N/A ace Support f atic Pr pp e in this re Javid A. V d commission fornia ted the	I N/A I N/A Parts neumatic *F CERTIFIC port are of CERTIFIC OSburg CERTIFIC issued by , emplo Replace	CO098696 CO098698 CO0986 CO09869 C	LIANCE this Director (Tit ECTION hal Board I.S.B.I. 8 escribed i	Unknown Unknown Pressure Repl le) of Boile L. Co. n this R	IReplacement IReplacement IReplacement e Other acement Image: Second Pressure Replacement Image: Second Pressure Report On	INO INO Conforms to Sect ノクタム (Date) re Vessel Inspecto
B) 15-26R B) 23-162R B) 23-162R B) 23-164R Description of Tests Conducte ressure Remarks Remarks Control of the ASME Code. Where or Owner's The undersigned Id the State or Pressure Hartford, CT. d state that to th Section XI of	PG&E PG&E PG&E Work (8) Repla d: * Hydrost psi Test Ten signed Designee) [, holding a vali rovince of <u>Cali</u> have inspec the best of my k the ASME Code.	N/A Ace Support f ace Support f acit Pr p e / in this re David A. V d commission fornia ted the nowledge and By signing t	<u>I</u> N/A <u>I</u> N/A Parts neumatic °F CERTIFIC port are of CERTIFIC issued by , emplo Replace belief, this certif	CO098696 CO098698 CO0986 CO09869 CO09869 CO09869 CO09869 CO0986 	LIANCE birector (Tit CTION al Board LS.B.I. & escribed i or replac	Unknown Unknown Pressure Repl le) of Boile 2 I. Co. in this R cement ha	IReplacement IReplacement IReplacement IReplacement IReplacement Interment Inter	No No Conforms to Sect 7, 792 Date re Vessel Inspector 2-2, 19 ructed in accordant over makes any
B) 15-26R B) 23-162R B) 23-164R Description of Tests Conducte ressure Remarks Remarks Remarks E certify that the the ASME Code. Wher or Owner's the undersigned the State or P Hartford, CT. d state that to th Section XI of rranty, expresse	PG&E PG&E PG&E PG&E Work (8) Repla d: * Hydrost psi Test Ten signed Designee) , holding a vali rovince of <u>Cali</u> have inspec the best of my k the ASME Code. d or implied, co	N/A ace Support f ace Support f acit Pr pr e in this re oavid A. V d commission fornia ted the nowledge and By signing the	<u>I</u> N/A <u>I</u> N/A Parts neumatic °F CERTIFIC port are of CERTIFIC issued by emplo Replace belief, this certific repair or	CO098696 CO098698 CO098696 CO098696 CO098698 CO098696 CO098698 CO098696 CO098698 CO0986 CO0986 CO098698 CO098698 CO098698 CO09869	LIANCE this Director (Tit CTION bal Board LS.B.I. 8 escribed i or replace ther the I t describ	Unknown Unknown Pressure Repl le) of Boile L. Co. in this R ement ha inspector ed in th	IReplacement IReplacement IReplacement IReplacement e Other e Other acement Image: Comparison of the second of the	No No Conforms to Sect (Date) re Vessel Inspecto 2 - 2 , 19 ructed in accordar loyer makes any protegrantes any
<pre>3) 15-26R 3) 23-162R 3) 23-164R Description of Tests Conducte Pessure Remarks Certify that th the ASME Code. wner or Owner's the undersigned d the State or P Hartford, CT. d state that to th Section XI of rranty, expresse spector nor his</pre>	PG&E PG&E PG&E PG&E Work (8) Repla d: * Hydrost psi Test Ten e statements mad Signed Designee) C , holding a vali rovince of <u>Cali</u> have inspec the best of my k the ASME Code. d or implied, co employer shall b	N/A Ace Support A ace Support A acic Pr p e in this re David A. V d commission fornia ted the nowledge and By signing t ncerning the e liable in	I N/A I N/A Parts neumatic *F CERTIFIC port are of CERTIFIC issued by , emplo , emplo belief, t his certif repair or any manner	CO098696 CO098698 CO098696 CO098696 CO098698 CO098696 CO098698 CO098696 CO098698 CO0986 CO0986 CO098698 CO098698 CO098698 CO09869	LIANCE this Director (Tit CTION bal Board LS.B.I. 8 escribed i or replace ther the I t describ	Unknown Unknown Pressure Repl le) of Boile L. Co. in this R ement ha inspector ed in th	IReplacement IReplacement IReplacement IReplacement e Other e Other acement Image: Comparison of the second of the	No No Conforms to Sect (Date) re Vessel Inspecto 2 - 2 , 19 ructed in accordar loyer makes any prthermore, neither
3) 15-26R 3) 23-162R 3) 23-164R Description of Tests Conducte ressure Remarks restify that the the ASME Code. the undersigned d the State or Pr Hartford, CT. d state that to th Section XI of rranty, expresse spector nor his ising from or co	PG&E PG&E PG&E PG&E Work (8) Repla d: * Hydrost psi Test Tem signed Designee) , holding a vali rovince of <u>Cali</u> have inspec the best of my k the ASME Code. d or implied, co employer shall b nnected with thi	N/A N/A ace Support f atic Pr pp e in this re David A. V d commission fornia ted the nowledge and By signing t ncerning the e liable in s inspection	N/A N/A Parts neumatic *F CERTIFIC port are of CERTIFIC of Sburg CERTIFIC issued by , emplo Replace belief, th his certiff repair or any manner	COO98696 COO98698 COO986 COO986 COO98698 COO98698 COO98698 COO9869	Derating Derating Derating Derating LIANCE this Director (Tit ECTION mal Board I.S.B.I. 8 escribed i or replac ther the I st describ ersonal in	Unknown Unknown Pressure Repl le) of Boile I. Co. In this R mement hat inspector red in th jury or	Replacement Replacement Replacement e Other e Other acement Facement acement facement fa	No No Conforms to Sect (Date) re Vessel Inspecto 2 - 2 , 19 ructed in accordar loyer makes any protegrantes any
<pre>3) 15-26R 3) 23-162R 3) 23-164R 5) 23-164R 6) Description of 7 Tests Conducte essure Remarks Certify that th the ASME Code. wner or Owner's the undersigned d the State or Pr Hartford, CT. d state that to th Section XI of rranty, expresse spector nor his ising from or co</pre>	PG&E PG&E PG&E PG&E Work (8) Repla d: * Hydrost psi Test Tem signed Designee) , holding a vali rovince of <u>Cali</u> have inspec the best of my k the ASME Code. d or implied, co employer shall b nnected with thi	N/A N/A ace Support f atic Pr pp e in this re David A. V d commission fornia ted the nowledge and By signing t ncerning the e liable in s inspection	N/A N/A Parts neumatic *F CERTIFIC port are of CERTIFIC of Sburg CERTIFIC issued by , emplo Replace belief, th his certiff repair or any manner	COO98696 COO98698 COO986 COO986 COO98698 COO98698 COO98698 COO9869	Derating Derating Derating Derating LIANCE this Director (Tit ECTION mal Board I.S.B.I. 8 escribed i or replac ther the I st describ ersonal in	Unknown Unknown Pressure Repl le) of Boile I. Co. In this R mement hat inspector red in th jury or	Replacement Replacement Replacement e Other e Other acement Facement acement facement fa	No No Conforms to Sect (Date) re Vessel Inspecto 2 - 2 , 19 ructed in accordar loyer makes any protegrantes any
3) 15-26R 3) 23-162R 3) 23-164R Description of Tests Conducte ressure Remarks restify that the the ASME Code. the undersigned d the State or Pr Hartford, CT. d state that to th Section XI of rranty, expresse spector nor his ising from or co	PG&E PG&E PG&E PG&E Work (8) Repla d: * Hydrost psi Test Ten e statements mad Signed Designee) C , holding a vali rovince of <u>Cali</u> have inspec the best of my k the ASME Code. d or implied, co employer shall b	N/A N/A ace Support f atic Pr pp e in this re David A. V d commission fornia ted the nowledge and By signing t ncerning the e liable in s inspection	N/A N/A Parts neumatic *F CERTIFIC port are of CERTIFIC of Sburg CERTIFIC issued by , emplo Replace belief, th his certiff repair or any manner	COO98696 COO98698 COO986 COO986 COO98698 COO98698 COO98698 COO9869	Derating Derating Derating Derating LIANCE this Director (Tit ECTION mal Board I.S.B.I. 8 escribed i or replac ther the I st describ ersonal in	Unknown Unknown Pressure Repl le) of Boile I. Co. In this R mement hat inspector red in th jury or	Replacement Replacement Replacement e Other e Other acement Facement acement facement fa	INO INO Conforms to Sect ノンタン (Date) re Vessel Inspecto シー 2 , 19 ructed in accordan

.:4

.

1

•

ł

.

ی افزین دوما اغتیار

.

•

•

•

•

· · ·

•

ы 1

. a

đ

- ·

.

,

.

Denner Pacific Gas and Electric Company Date December 26, 1995 77 Beale Street, San Francisco, CA 94106 Sheet 2 of 2 2. Plant Diablo Canyon Power Plant unit 1 1 1 3. Work Performed by Owner Repair Org. P.O. No., Job No., etc. 4 Identification of System Residual Heat Removal System (10) (See Below - Stamp Column) 5 (a) Applicable Construction Code 19 Edition Addenda, Code Cases N/A (b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 19 77, S'78 Addenda, Code Cases N/A 6. Identification of components Repaired or Replaced, and Replacement Components NA Identification of components Repaired or Replaced, and Replacement Components NA Name of IMfr. No. IBd. No. INo. Itdent. IBurit Replaced, or Stamped Identification of Section XI Utilized for Replace Replace Into No. (a) 23-164R IP08E N/A No. IBd. No. INo. Identification of Section XI Utilized for Replace Replace Into No. (a) 23-164R IP08E N/A N/A Component Impediation (Stamped Impediation) Identification (Stamped Impediation) <th>1</th> <th>i.</th> <th>Owner Pact</th> <th>ific Gas and</th> <th>d Electric</th> <th>Company</th> <th></th> <th></th> <th></th> <th>Date Decem</th> <th>ber 26, 1995</th>	1	i.	Owner Pact	ific Gas and	d Electric	Company				Date Decem	ber 26, 1995
2. Plant				77 Beale St	reet, San	Francisc	co, CA 94	106		Sheet2	of 2
See Above Repair Org. P.O. No., Job No., etc. 4. Identification of System Residual Heat Removal System (10) (See Below - Stamp Column) 5. (a) Applicable Construction Code19EditionAddenda, Code Cases		2.					3424				
(See Below - Stamp Column) 5. (a) Applicable Construction Code19EditionAddenda, Code Cases		3.	Work Performed					Rep	pair Org.	. P.O. No., Jo	ob No., etc.
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 19_77, S'78 Addenda, Code Cases N/A 6. Identification of components Repaired or Replaced, and Replacement Components Name of Name of Mfrs. Ser. Nat'1 Work Order Other Year Repaired ASME Code Component Mfr. No. Bd. No. No. Ident. IBuilt [Replaced, or Stamped I I I ILine No. Replacement [Yes or No) I I I ILine No. Replacement [No (8) 23-164R PG&E N/A IN/A C0098698 I 1662 UnknownIReplacement [No (8) 23-164R IPG&E N/A IN/A IC0098713 0119 UnknownIReplacement [No (8) 288-77R IPG&E N/A IN/A IC0098713 0119 UnknownIReplacement [Yes I I I I I I I I (8) 15-27SL IPSA-NF 3241 N/A IC000107 0118 UnknownIReplacement [Yes I I I I I I I I I I I I					(See	Below -	Stamp Co	lumn)			,,,
Component Mfr. No. IBd. No. INo. Ident. IBd. No. Ident. IBuilt Replaced, or Stamped 1			(b) Applicable	Edition of Se	ction XI Utili	zed for R	lepairs or R	eplacemen	ts - 19	ases <u>N/A</u> 77, <u>S'78</u> Adde	nda, Code Cases <u>N/A</u>
(8) 288-77R IPG&E N/A N/A C0098713 0119 Unknown Replacement No (8) 15-27SL IPSA-NF I 3241 N/A C0100107 0118 Unknown Replacement Yes I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I						-	No.	Ident.	Built	[Replaced, or	Stamped
(8) 288-77R IPG&E I N/A I N/A C0098713 0119 Unknown Replacement No (8) 15-27SL IPSA-NF I 3241 I N/A C0100107 0118 Unknown Replacement No I	_	(8)	23-164R	IPG&E	I N/A	I N/A	C0098698	1662	Unknown	Replacement	INO
(8) 15-27SL IPSA-NF 3241 N/A C0100107 0118 Unknown Replacement Yes I		(8)	288-77R	PG&E							
I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I I	-	(8)	15-27SL	IPSA-NF	3241	I N/A					
	_		·				l		1	1	1
	_				1	1	1	[I		
	-			<u> </u>	<u> </u>	1	1	l	1	l	l
	<u></u>	·	<u> </u>	_ <u></u>	1			1			
)			_	<u> </u>	<u> </u>		1		l
						1	<u> </u>	<u> </u>	[]	1	
					<u> </u>	<u> </u>	1	l		l	l
	-				<u>.</u>	<u> </u>	l			l	
	-					<u> </u>	<u> </u>				
	-				<u> </u>	<u> </u>					
	-		<u> </u>		······	<u> </u>					
	-				<u> </u>	<u> </u>	<u> </u>				
	-			<u></u>	1	/	<u> </u>		·		· · · · · · · · · · · · · · · · · · ·
	-	-		1	1	[/l				· · · · · · · · · · · · · · · · · · ·
	-			- <u>i</u>	1	l	· · · · ·				
	_		· · · · ·	1	1	1	·	<u> </u>			
	_			1	- <u></u>		·/	<u>_</u> _			· · · · · · · · · · · · · · · · · · ·
	_				1		<u> </u>				
	_			1	1 .			i	1		
				1	1				i		·····

9. Remarks (8) Replace Support Parts (Applicable Manufacturer's Data Reports to be attached)

,

۴,

1 4

2.11.1

~

34 ₩4 ₹# . •

* • • ъ '

749 **-**. 20 4€ - 1 π

. .

. х х х * * .

• .

· · · ·

• •

ŀ

.

4

. Owner <u>Pacif</u>	<u>ic Gas and</u> 7 Beale St	reet, San	Francisc	co, CA 94	4106	. <u></u> 1	Date <u>Decem</u> Sheet	1 of	1
•									
Plant Diab	Box 56,	rower Flat Avila Read	$\frac{\pi}{2}$	2121			Unit <u>1</u>		
	·	Mina Deal	AT OR 93	<u>, , , , , , , , , , , , , , , , , , , </u>		·····	-		
. Work Performed b	y Owi	ner							
	Se	e Above			Re	pair Org.	. P.O. No., J	ob No., et	с.
					((
. Identification o	f System <u>Sp</u>	ent fuel	7500 Pol	ing Syste	<u>m (13)</u>	Column			·
. (a) Applicable C	onstruction C	ode		ow - Code	a Stamp	Co Tumn j)	•	
(b) Applicable E	dition of Sec	tion XI Util	ized for R	lenairs or R		t, Lode L sts _ 10	ases <u>N/1</u> 77 S178 Adda	anda Code	Cacoc N
. Identification of	components R	epaired or R	leplaced, a	nd Replacem	ient Compo	nents	<u>77</u> , <u>370</u> Aud	chua, coue	cases <u>n</u>
Name of							Repaired		9
Component	Mfr.	No.	lbd. No.				Replaced, or		
	1	1	1		Line No.	1	Replacement	(Yes or I	io)
8) Spent Fuel Pp-1	lGoulds Pump	l 2218163	 Ι Ν/Δ	 		llinknown	 Replacement	180	
by opene ruer rp-r		1	1 1/0	0-115501	<u>1_0/A</u> 1		Replacement	100	<u>.</u>
	i	1	- <u>i</u>	<u> </u>	1	1	<u> </u>		
I		1		1	İ	i	<u>, </u>	1	
				1			}	1	
	1	1		1		1			
Description of Wo	* Hydrosi	tatic P	neumatic _	Nominal	[Operating	Pressure	e Other	<u>.</u> 	
. Tests Conducted: ressure p	* Hydrost osi Test Ter	tatic P mp	neumatic _ _ °F		[Pressure	e Other _	<u> </u>	
. Tests Conducted: ressure p	* Hydrosi	tatic P mp	neumatic _ _ °F		l Operating	Pressure	e Other _	<u>.</u>	
. Tests Conducted: ressure p	* Hydrost osi Test Ter	tatic P mp	neumatic _ _ °F		Operating	Pressure	e Other _	I	
Tests Conducted: ressure p	* Hydrost osi Test Ter	tatic P mp	neumatic _ _ °F			Pressure	e Other _		
Tests Conducted: ressure p Remarks	* Hydrost osi Test Ter	tatic P	neumatic _ °F CERTIFIC	ATE OF COMP	LIANCE				
Tests Conducted: ressure p Remarks control control	* Hydrost osi Test Ter	tatic P	neumatic _ °F CERTIFIC	ATE OF COMP correct and	LIANCE this	Repl	lacement	conforms	to Sectio
Tests Conducted: ressure p Remarks ce certify that the s the ASME Code. Sig	* Hydrost osi Test Ter statements mag gned	tatic P	neumatic °F CERTIFIC eport_are	ATE OF COMP correct and	LIANCE	Repl		conforms	to Sectio
E Certify that the set of the ASME Code. Sig	* Hydrost osi Test Ter statements mac gned signee)	tatic P mp #7 in this r 	neumatic °F CERTIFIC eport_are /osburg CERTIFIC	ATE OF COMP correct and NSSS ATE OF INSP	LIANCE this Director (Tit ECTION	Repl	lacement	_conforms <i></i> _ <i></i> (Date)	
Tests Conducted: ressure p Remarks e certify that the s the ASME Code. Sig Dwner or Owner's Des , the undersigned, h	* Hydrost osi Test Ter statements mac gned signee) olding a vali	tatic P mp te7in this r 	neumatic CERTIFIC eport_are of /osburg CERTIFIC n issued by	ATE OF COMP correct and NSSS ATE OF INSP y the Nation	LIANCE this Director (Tit ECTION nal Board	Repl :le) of Boile	lacement	_conforms <i></i> _ <i></i> (Date)	
Tests Conducted: ressure p . Remarks p . certify that the s the ASME Code. Sig Dwner or Owner's Des , the undersigned, h id the State or Prov	* Hydrost osi Test Ter statements mac gned signee) = olding a vali	tatic P mp te/in this ru David A. V id commission ifornia	neumatic CERTIFIC eport_are (/OSburg CERTIFIC n_issued by , emplo	ATE OF COMP correct and NSSS ATE OF INSP y the Nation byed by	LIANCE this Director (Tit ECTION nal Board H.S.B.I. 8	Repl cle) of Boile & I. Co.	acement Fers 2 er and Pressu	_conforms <i></i> _ <i></i> (Date)	Inspector
. Tests Conducted: ressure p . Remarks p . certify that the s f the ASME Code. Sig Dwner or Owner's Des , the undersigned, h nd the State or Prov Hartford, CT.	* Hydrosi osi Test Ter statements mac gned signee) olding a vali ince of <u>Cali</u> have inspec	tatic P mp He/in this ru David A. V id commission ifornia cted the	neumatic CERTIFIC eport_are of CERTIFIC n issued by , emplo Replace	ATE OF COMP correct and NSSS ATE OF INSP y the Nation byed by ement do	LIANCE this Director (Tit ECTION nal Board H.S.B.I. 8 escribed	Repl cle) of Boile & I. Co. in this R	er and Pressu	_conforms <i>J992</i> (Date) re Vessel	Inspector
Tests Conducted: ressure p . Remarks e certify that the s F the ASME Code. Sig Dwner or Owner's Des , the undersigned, h nd the State or Prov <u>Hartford, CT.</u> nd state that to the	* Hydrost osi Test Ter statements mac gned signee) = = = = = = = = = = = = = = = = = =	tatic P mp Period this re David A. V id commission ifornia cted the cnowledge and	neumatic F CERTIFIC eport are of CERTIFIC of issued by Replace d belief, f	ATE OF COMP correct and NSSS ATE OF INSP y the Nation byed by ementd this repair	LIANCE this Director (Tit ECTION nal Board H.S.B.I. { escribed or replace	Repl cle) of Boile & I. Co. in this R cement ha	er and Pressu Report on	_conforms Jgg2 (Date) re Vessel J2-2 ructed in	Inspector
. Tests Conducted: ressure p . Remarks e certify that the s f the ASME Code. Sig Dwner or Owner's Des , the undersigned, h nd the State or Prov <u>Hartford, CT.</u> nd state that to the ith Section XI of th	* Hydrost osi Test Ter statements mac gned signee) olding a vali ince of <u>Cali</u> _have inspec best of my k e ASME Code.	tatic P mp defin this re <u></u> David A. V id commission ifornia cted the cted the sy signing t	neumatic F CERTIFIC eport are of CERTIFIC n issued by , emplo , emplo d belief, f this certif	ATE OF COMP correct and NSSS ATE OF INSP y the Nation byed by ementdu this repair ficate, nei	LIANCE this Director (Tit ECTION nal Board H.S.B.I. { escribed or replace ther the f	Repl cle) of Boile & I. Co. in this R cement ha Inspector	er and Pressu Report on to been const nor his emp	_conforms <i>1992</i> (Date) re Vessel . <u>2-2</u> ructed in loyer make	Inspector
. Tests Conducted: ressure p . Remarks e certify that the s f the ASME Code. Sig Dwner or Owner's Des , the undersigned, h nd the State or Prov <u>Hartford, CT.</u> nd state that to the ith Section XI of th arranty, expressed o	* Hydrost osi Test Ter statements mac gned signee) holding a vali ince of <u>Cali</u> have inspect best of my k he ASME Code. or implied, cod	tatic P mp Pavid his ru David A. V id commission ifornia cted the chowledge and By signing the	neumatic F CERTIFIC eport_are of CERTIFIC n issued by CERTIFIC n issued by CERTIFIC n issued by CERTIFIC n issued by certific repair of this certific repair of	ATE OF COMP correct and NSSS ATE OF INSP y the Nation byed by ement this repair ficate, neit r replacement	LIANCE this Director (Tit ECTION nal Board H.S.B.I. escribed or replac ther the int describe	Repl cle) of Boile & I. Co. in this R cement ha Inspector bed in th	er and Pressu Report on to been const nor his emp is Report. F	_conforms <u>1992</u> (Date) re Vessel <u>2-2</u> ructed in loyer make urthermore	Inspector C accordanc s any , neither
. Tests Conducted: ressure p . Remarks e certify that the s f the ASME Code. Sig Dwner or Owner's Des , the undersigned, h nd the State or Prov <u>Hartford, CT.</u> nd state that to the ith Section XI of th arranty, expressed on spector nor his emp	* Hydrost osi Test Ter statements mac gned signee) olding a vali ince of <u>Cali</u> have inspec best of my k he ASME Code. or implied, co oloyer shall b octed with thi	tatic P mp tefin this ru is commission ifornia cted the cted the cted the cted the sy signing to pocerning the pe liable in is inspection	neumatic F CERTIFIC eport are of CERTIFIC n issued by , emplo ,	ATE OF COMP correct and NSSS ATE OF INSP y the Nation byed by ementdu this repair ficate, neif r replacement for any pe	LIANCE this Director (Tit ECTION nal Board H.S.B.I. & escribed or replac ther the i nt describe	Repl cle) of Boile & I. Co. in this R cement ha Inspector bed in th njury or	er and Pressu Report on is been const nor his emp is Report. F property dam	_conforms <u>J992</u> (Date) re Vessel <u>2-2</u> ructed in loyer make urthermore age or los	Inspector C accordanc s any , neither
. Tests Conducted: ressure p . Remarks e certify that the s f the ASME Code. Sig Dwner or Owner's Des , the undersigned, h nd the State or Prov <u>Hartford, CT.</u> nd state that to the ith Section XI of th arranty, expressed on spector nor his emp rising from or conne	* Hydrost osi Test Ter statements mac gned signee) olding a vali ince of <u>Cali</u> have inspec best of my k he ASME Code. or implied, co oloyer shall b octed with thi	tatic P mp tefin this ru is commission ifornia cted the cted the cted the cted the sy signing to pocerning the pe liable in is inspection	neumatic F CERTIFIC eport are of CERTIFIC n issued by , emplo ,	ATE OF COMP correct and NSSS ATE OF INSP y the Nation byed by ementdu this repair ficate, neif r replacement for any pe	LIANCE this Director (Tit ECTION nal Board H.S.B.I. & escribed or replac ther the i nt describe	Repl cle) of Boile & I. Co. in this R cement ha Inspector bed in th njury or	er and Pressu Report on is been const nor his emp is Report. F property dam	_conforms <u>J992</u> (Date) re Vessel <u>2-2</u> ructed in loyer make urthermore age or los	Inspector C accordanc s any , neither
. Tests Conducted: ressure p . Remarks e certify that the s f the ASME Code. Sig Owner or Owner's Des , the undersigned, h nd the State or Prov <u>Hartford, CT.</u> nd state that to the ith Section XI of th arranty, expressed o nspector nor his emp rising from or conne ate	* Hydrost osi Test Ter statements mac gned signee) olding a vali ince of <u>Cali</u> have inspec best of my k he ASME Code. or implied, co oloyer shall b octed with thi	tatic P mp tefin this ru is commission ifornia cted the cted the cted the cted the sy signing to pocerning the pe liable in is inspection	neumatic F CERTIFIC eport are of CERTIFIC n issued by , emplo ,	ATE OF COMP correct and NSSS ATE OF INSP y the Nation byed by ementdu this repair ficate, neif r replacement for any pe	LIANCE this Director (Tit ECTION nal Board H.S.B.I. & escribed or replac ther the i nt describe ersonal in	Repl cle) of Boile & I. Co. in this R cement ha Inspector bed in th njury or	er and Pressu Report on is been const nor his emp is Report. F property dam	_conforms <u>J992</u> (Date) re Vessel <u>2-2</u> ructed in loyer make urthermore age or los	Inspector C accordanc s any , neither
. Tests Conducted: ressure p . Remarks e certify that the s f the ASME Code. Sig Dwner or Owner's Des , the undersigned, h nd the State or Prov Hartford, CT. nd state that to the ith Section XI of th arranty, expressed of harranty, expressed of here rising from or conne ate Inspector)	* Hydrost osi Test Ter statements mac gned signee) olding a vali ince of <u>Cali</u> have inspec best of my k he ASME Code. or implied, co oloyer shall b octed with thi	tatic P mp tefin this ru is commission ifornia cted the cted the cted the cted the sy signing to pocerning the pe liable in is inspection	neumatic F CERTIFIC eport are of CERTIFIC n issued by , emplo ,	ATE OF COMP correct and NSSS ATE OF INSP y the Nation byed by ementdu this repair ficate, neif r replacement for any pe	LIANCE this Director (Tit ECTION nal Board H.S.B.I. & escribed or replac ther the i nt describe ersonal in	Repl cle) of Boile & I. Co. in this R cement ha Inspector bed in th njury or	er and Pressu Report on is been const nor his emp is Report. F property dam	_conforms <u>J992</u> (Date) re Vessel <u>2-2</u> ructed in loyer make urthermore age or los	Inspector C accordanc s any , neither
. Tests Conducted: ressure p . Remarks e certify that the s f the ASME Code. Sig Owner or Owner's Des , the undersigned, h nd the State or Prov <u>Hartford, CT.</u> nd state that to the ith Section XI of th arranty, expressed on spector nor his emp rising from or conne	* Hydrost osi Test Ter statements mac gned signee) holding a vali- ince of <u>Cali</u> ince of <u>Cali</u> have inspec best of my k he ASME Code. or implied, co bloyer shall b icted with thi	tatic P mp Pavid A. V id commission ifornia cted the by signing to oncerning the pe liable in is inspection (State or	neumatic F CERTIFIC eport_are of CERTIFIC port_are of CERTIFIC n issued by CERTIFIC n issued by CERTIFIC n issued by certific repair of any manner n. Province,	ATE OF COMP correct and NSSS ATE OF INSP y the Nation by t	LIANCE this Director (Tit ECTION nal Board H.S.B.I. & escribed or replac ther the int described ther the int described commission pard)	Repl cle) of Boile & I. Co. in this R cement ha Inspector bed in th njury or ns <u>CA 18</u>	er and Pressu er and Pressu eport on is been const nor his emp is Report. F property dam 28 - NB 9990	_conforms Jgg2 (Date) re Vessel .2-2 ructed in loyer make urthermore age or los	Inspector C accordanc s any , neither s of any



. .

.

, , ,

 $_{1}B$

'number of sheets is recorded at the top of this form.

1

ł

	Owner Pact	ific Gas and	d Electric	Company				Date Decem	ber 26, 1995
T		77 Beale St	creet, San F	rancis	co, CA 94	106		_ Sheet1	ber 26, 1995 L of
2.	Plant <u>Dia</u>	ablo Canyon		t				Unit <u>1</u>	
3.	Work Performed	by Ow	mer					-	
I.		Se	e Above		<u></u>	Re	pair Org.	P.O. No., Jo	ob No., etc.
4.	Identification	of System <u>C</u>			ater Syste low - Code		Column		
	(a) Applicable(b) ApplicableIdentification c	Edition of Se	Code ction XI Utili	19 Ed zed for F	lition Repairs or R	Addenda	n, Code C nts - 19	ases N/A	nda, Code Cases <u>N/A</u>
	me of mponent	Name of Mfr. 	Mfrs. Ser. No. 		No.		Built	Repaired Replaced, or Replacement	Stamped
(3)	CCW-1-581	Rockwell	 N/F	 N/A	L C0138605	I	l Ilinknown	 Repair	I No
	CCW-1-RV-52	Lonergon	111460-2-4-11		R0064362			Replacement	
		<u> </u>	1		<u> </u>		1		I
—			1	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
•			_ <u></u>	<u>F</u>	. <u> </u>	l l	<u> </u>		1
Pres	Tests Conducted ssure Remarks	: * Hydros psi Test Te	static Pn	eumatic _ °F	Nominal (Operating	Pressure	e Other	
						<u> </u>			·····
					ATE OF COMPI				
We c	ertify that the he ASME Code. S	statements ma	defin this rep	port are	correct and	this <u>R</u>	epair/Rep	lacement	_conforms to Section X , ノタクム (Date)
	ner or Owner's De	esignee)		sburg		Director (Tit	·1e)	<u> </u>	<u>, 1996</u>
•		,			ATE OF INSPI		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	· · ·	(Dutc)
and	the State or Pro	ovince of <u>Cal</u>	<u>ifornia</u>	, emplo	oyed by <u>ł</u>	I.S.B.I. 8	& I. Co.		re Vessel Inspectors
	<u>irtford, CT.</u>		cted the <u>Rep</u>	bair/Repla	<u>acement</u> de	escribed	in this R	eport on	<u>2-2</u> , 19 <u>76</u>
unu with	Section XI of t	the ASME Code.	Bv signing th	beiner, i dis certi:	cnis repair ficate, neit	or replace	cement ha	S been constr nor his empl	ructed in accordance
warr Insp	anty, expressed	or implied, c nployer shall	oncerning the be liable in a	repair of iny manner	r replacemen	it describ	oed in th	is Report. Fu	arthermore, neither th age or loss of any kin
Date	<u>Feb. 2</u> pector)	, 1996	Kenny De	L. Kr	<u>un</u> c	ommissior	ns <u>CA 18</u>	<u> 28 - NB 9990</u>	
(1ns) Keni	pector) ny D. Kim		(State or P	rovince,	National Bo	ard)			
	: Supplemental s	heets in form 1 through 4 (of lists, ske on this data r	tches, or eport is	drawings m	ay be use each she	d provid	ed (1) size i (3) each shee	s 8 1/2 x 11 in., (2) t is numbered and the

ļ

į

A

e

. • . , ·

* , • . . <u>1</u> .

. . ١

• ı •

ly. s. * * *

٤ и **к** -.

ł । भार क्यूं २ द К.Я 1





ŧ

* 			FORM NIS-2 As Required		REPORT OF RE ovisions of	••••			
•	Dwner <u>Paci</u>		d Electric creet, San I			106	(ber 26, 1995 of
2. F	Plant Dia P.(Power Plan Avila Beacl		424		(Unit <u>1</u>	
3. h	iork Performed		ner e Above			Rep	pair Org.	P.O. No., Jo	ob No., etc.
5. (((dentification ((a) Applicable ((b) Applicable dentification of	Construction Edition of Se	Code ction XI Utili	(See Bel 19Ed ized for R	OW - Code ition epairs or R	Stamp Addenda eplacemen	, Code Ca ts - 19 ;	ases N/A	nda, Code Cases <u>N/A</u>
Name Comp	e of ponent	Name of Mfr. 	Mfrs. Ser. No. 	Nat'1 bd. No. 	No.		Built	Repaired Replaced, or Replacement	Stamped
	22-72SL 14-47BSL	IPSA IPSA I	1592 9084 	I N/A I N/A I I	C0136224 C0136253			Replacement Replacement	
8. To Press	escription of k ests Conducted: ure emarks	* Hydros	static Pn	eumatic °F	Nominal (Dperating	Pressure	e Other	
of the (Owner I, the and the <u>Har</u> and so with S warran Inspect arisin Date	he State or Pro tford, CT. tate that to th Section XI of t nty, expressed ctor nor his em ng from or conn 	igned signee) holding a val vince of <u>Cal</u> have inspe e best of my he ASME Code. or implied, c ployer shall ected with th	David A. Vo id commission ifornia ccted the knowledge and By signing the oncerning the be liable in a	port are of OSburg CERTIFICA issued by , emplo <u>Replace</u> belief, t his certif repair or any manner	NSSS TE OF INSPE the Nation byed by <u>H</u> ment de this repair ficate, neit replacement for any pe	this <u>Director</u> (Tit CTION Mal Board A.S.B.I. & escribed i or replace ther the I at describe ersonal in	le) of Boile <u>1. Co.</u> n this R ment ha nspector red in th jury or	er and Pressur eport on s been constr nor his empl is Report. Fu property dama	conforms to Section 2 2, 1996 Date) re Vessel Inspectors of 2-2, 1996 ructed in accordance oyer makes any orthermore, neither the age or loss of any king

in a man

• • •

* * * *

. **H**

• • • • - '

. Owner <u>Pac</u> t	ific Gas an	<u>d Electric</u>	Company				Date <u>De</u> ceml	ber 26, 1995
	77 Beale S	treet, San	Francisc	:0, CA 94	106		Sheet 1	of1
2. Plant Dia	ablo Canvon	Power Pla	nt				Unit 1	
	0. Box 56,			424		`		<u> </u>
2 Vonk Donformed	ьи <u>О</u>							
3. Work Performed	S	ee Above			Rer	pair Org.	P.O. No., Jo	b No., etc.
	-		4			· · · · · · · · · · · · · · · · · · ·	,	,
4. Identification	of System <u>L</u>			<u>cem (19)</u> ow - Code	Stamp	Column		
5. (a) Applicable	Construction							
(b) Applicable	Edition of Se	ection XI Uti	lized for R	epairs or R	eplacemen	ts - 19	77, <u>S'78</u> Adde	nda, Code Cases _N
5. Identification c	of components	Repaired or I	Replaced, a	nd Replacem	ent Compo	nents –		—
Name of	Name of	Mfrs. Ser.	Nat'1	lWork Order	lother	 Year	Repaired	IASME Code
Component	Mfr.	No.	bd. No.				Replaced, or	
	[!	I	Line No.	l	Replacement	(Yes or No)
(14) LWS-1-8787	 Grinne11	N/F	 N/A	L C0138516	I 3001	llinknown	 Replacement	<u> </u>
	1	1					Incprocement	
	_!							
			1	<u> </u>	<u> </u>	1		l
			1	l 	! !	 		
Description of	 Work _(14) Re	I I Placed Bonnet						
Description of Tests Conducted Pressure	: * Hydro	static f	neumatic	l Nominal (Dperating	l I Pressure	2 Other	
Description of Tests Conducted Pressure	: * Hydro	static f	neumatic	lNominal (I I Dperating	I I Pressure	e Other	
Description of 3. Tests Conducted Pressure	: * Hydro	static f	neumatic	lNominal (I I Operating	Pressure	2 Other	
Description of B. Tests Conducted Pressure D. Remarks	: * Hydro psi Test T	static F emp	'neumatic °F CERTIFIC	ATE OF COMP	LIANCE			
Description of Description of Tests Conducted Pressure Remarks Description of Description of Description Description of Description of Description Description of Description of Description Description of Description of Descrip	: * Hydro psi Test T 	static F emp adp~în this r	'neumatic °F CERTIFIC	ATE OF COMP correct and	LIANCE this		acement	conforms to Section
Description of Description of Tests Conducted Pressure Remarks We certify that the of the ASME Code. S	: * Hydro psi Test T statements maigned	static F emp ade in this r	CERTIFIC	ATE OF COMP correct and	LIANCE	Repl	acement	conforms to Section
Description of Description of Tests Conducted Pressure Remarks Remarks Description of the ASME Code. S Owner or Owner's Description	: * Hydro psi Test T statements ma igned esignee)	ado in this r	CERTIFIC CERTIFIC ceport are of certific	ATE OF COMP correct and NSSS ATE OF INSP	LIANCE this Director (Tit ECTION	Repl	acement FGB.2	conforms to Sectio ノークラム Date)
Description of Description of Tests Conducted Pressure Remarks Remarks e certify that the f the ASME Code. S Owner or Owner's Do , the undersigned,	: * Hydro psi Test T statements m igned esignee) holding a va	static F emp ado in this r David A lid commissio	CERTIFIC CERTIFIC eport are of CERTIFIC n issued by	ATE OF COMP correct and NSSS ATE OF INSP the Nation	LIANCE this Director (Tit ECTION nal Board	Repl le) of Boile	acement FGB.2	conforms to Sectio <u>ノクラス</u> Date) re Vessel Inspector
Description of Description of Tests Conducted Pressure Remarks Remarks Remarks Descript that the f the ASME Code. S Owner or Owner's Da , the undersigned, nd the State or Pro- Hartford, CT.	: * Hydro psi Test T statements m igned esignee) holding a va ovince of <u>Ca</u> have insp	static F emp add in this r David A. lid commissio <u>lifornia</u> ected the	CERTIFIC CERTIFIC eport are of CERTIFIC/ n issued by 	ATE OF COMP correct and NSSS ATE OF INSP the Nation byed by <u>F</u> ement de	LIANCE this	Repl le) of Boile I. Co. n this R	acement FGB.2 (er and Pressur	conforms to Sectio ノクタム Date) re Vessel Inspector
Description of Description of Tests Conducted Pressure Remarks Remarks Remarks Descript that the of the ASME Code. S Owner or Owner's Description the undersigned, and the State or Pro- Hartford, CT. nd state that to the	: * Hydro psi Test T statements ma igned esignee) holding a va ovince of <u>Ca</u> have inspu	static F emp ade in this r David A David A lid commissio lifornia ected the knowledge an	CERTIFIC CERTIFIC eport are of CERTIFIC n issued by 	ATE OF COMP correct and NSSS ATE OF INSP the Nation byed by <u>hement</u> chis repair	LIANCE this Director (Tit ECTION mal Board H.S.B.I. & escribed i or replac	Repl le) of Boile <u>2 I. Co.</u> in this R cement ha	acement /GB-2 (ar and Pressur eport on s been constr	conforms to Sectio ノクタム Date) re Vessel Inspector スース 19 グ ucted in accordance
Description of Description of Tests Conducted Pressure Remarks Remarks Descript that the of the ASME Code. S Owner or Owner's Description the State or Pro- Hartford, CT. Ind state that to the tith Section XI of	: * Hydro psi Test T statements m igned esignee) holding a va ovince of <u>Ca</u> have insp he best of my the ASME Code	static F emp ade in this r David A David A lid commissio lifornia ected the knowledge an . By signing	CERTIFIC CERTIFIC eport are of CERTIFIC n issued by 	ATE OF COMP correct and NSSS ATE OF INSPI the Nation yed by <u>the</u> ment de this repair icate, neit	LIANCE this <u>Director</u> (Tit ECTION mal Board L.S.B.I. 8 escribed i or replace ther the I	Repl le) of Boile I. Co. n this R cement ha nspector	acement /GB-2 (er and Pressur eport on s been constr nor his empl	conforms to Sectio ノクタム Date) re Vessel Inspector <u>スース</u> , 19 <u>グ</u> ucted in accordance over makes any
Description of Description of Tests Conducted Pressure Remarks Remarks Remarks Remarks Descript that the of the ASME Code. S Owner or Owner's Description the State or Pro- Hartford, CT. Ind state that to the farranty, expressed nspector nor his en	: * Hydro psi Test T statements m igned esignee) holding a va ovince of <u>Ca</u> have insp he best of my the ASME Code. or implied, o mployer shall	static F emp add in this r David A. lid commissio <u>lifornia</u> ected the knowledge an . By signing concerning th be liable in	CERTIFIC CERTIFIC eport are of CERTIFIC osburg CERTIFIC n issued by , emplo Replace d belief, t this certif e repair or any manner	ATE OF COMP correct and NSSS ATE OF INSP the Nation yed by <u><u>H</u> ement <u>de</u> this repair cicate, neit replacement</u>	LIANCE this Director (Tit ECTION hal Board i.S.B.I. & escribed i or replac ther the I at describ	Repl le) of Boile I. Co. In this R sement ha nspector ed in th	acement FGB.2 (er and Pressur eport on s been constr nor his empl is Report. Fu	conforms to Sectio ノクラス Date) re Vessel Inspector <u>スース</u> , 19 5 ucted in accordance oyer makes any rthermore, neither
Description of Description of Tests Conducted Pressure Remarks Remarks Remarks Remarks Conservation of the ASME Code. S Owner or Owner's Description (owner or Owner's Description) (owner or Owner's Description) (o	: * Hydro psi Test T statements ma igned esignee) holding a va ovince of <u>Ca</u> have inspi he best of my the ASME Code or implied, o mployer shall nected with th	static F emp ade in this r David A David A lid commissio <u>lifornia</u> ected the knowledge an . By signing concerning th be liable in nis inspectio	CERTIFIC CERTIFIC eport are of CERTIFIC n issued by , emplo Replace d belief, t this certif e repair or any manner n.	ATE OF COMP correct and NSSS ATE OF INSP the Nation byed by <u>F</u> ment de this repair ficate, neit replacement for any pe	LIANCE this Director (Tit ECTION nal Board 4.S.B.I. & escribed i or replac ther the I ot describe ersonal in	Repl le) of Boile <u>2 I. Co.</u> n this R mement ha nspector wed in th jury or	acement /GB.2 (er and Pressur eport on s been constr nor his empl is Report. Fu property dama	conforms to Sectio ノクラス Date) re Vessel Inspector <u>スース</u> , 19 5 ucted in accordance oyer makes any rthermore, neither
Description of Description of Tests Conducted Pressure Remarks Remarks We certify that the of the ASME Code. S (Owner or Owner's Da I, the undersigned, and the State or Pro-	: * Hydro psi Test T statements ma igned esignee) holding a va ovince of <u>Ca</u> have inspi he best of my the ASME Code or implied, o mployer shall nected with th	static F emp ade in this r David A David A lid commissio <u>lifornia</u> ected the knowledge an . By signing concerning th be liable in nis inspectio	CERTIFIC CERTIFIC eport are of CERTIFIC n issued by , emplo Replace d belief, t this certif e repair or any manner n.	ATE OF COMP correct and NSSS ATE OF INSP the Nation byed by <u>F</u> ment de this repair ficate, neit replacement for any pe	LIANCE this Director (Tit ECTION nal Board 4.S.B.I. & escribed i or replac ther the I ot describe ersonal in	Repl le) of Boile <u>2 I. Co.</u> n this R mement ha nspector wed in th jury or	acement /GB.2 (er and Pressur eport on s been constr nor his empl is Report. Fu property dama	conforms to Sectio ノクラス Date) re Vessel Inspector <u>スース</u> , 19 5 ucted in accordance oyer makes any rthermore, neither

•

, 1

•

行(1) (2년 (1)

a t

· · ·

. .

1.	Owner <u>Paci</u>	fic Gas and							Leve 00 1000
)		77 Beale St	creet, San	<u>Company</u> Francisc	co, CA 94	106	I	Date <u>Decem</u> Sheet 1	ber 26, 1995
2.	Plant Dia	blo Canyon		t					·····
ł	Work Performed		1			·		-	
•	NOTE TELEVILLE		e Above			Rep	pair Org.	P.O. No., Jo	ob No., etc.
•	Identification	of System V	ent And Air	Condit	ioning Sve	stem (23	8)		
				(See Bel	ow - Code	Stamp	Column))	<u></u>
	(a) Applicable(b) Applicable	Edition of Se	ction XI Utili	ized for R	lepairs or R	eplacemen	ts - 19 🕻	ases <u>N/A</u> 77. S'78 Adde	nda, Code Cases <u>N</u>
. i	Identification o	f components	Repaired or Re	eplaced, a	nd Replacem	ent Compo	nents	<u></u>	
	ne of	Name of	Mfrs. Ser.	Nat']	Work Order	Other	Year	Repaired	ASME Code
Con	nponent	Mfr.	No.	lbd. No.	No.	Ident.	Built	Replaced, or	Stamped
		<u> </u>		1 	I I	Line No. 	 	Replacement 	(Yes or No)
	VAC-1-201 VAC-1-120	Enertech WKM	10183 N/F	<u> N/A</u>				Replacement	
<u>u</u>	VAC-1-120	1 11/11	<u> a/r</u>	I N/A	<u> </u>	<u> </u>	Unknown	Replacement	No
		_1	I			1			
			<u> </u>	<u> </u>	1	I	l		I
	Description of	 Work <u>(2) Rep</u>]	l l l lace Bolting (4) Replac	 e_Internals				
res	Tests Conducted	: * Hydros	static Pn	eumatic		l I Dperating	Pressure	e Other	
res	Tests Conducted	: * Hydros	static Pn	eumatic		I I Dperating	l I Pressure	e Other	
es	Tests Conducted	: * Hydros	static Pn	eumatic		I I Dperating	l I Pressure	e Other	
es	Tests Conducted sure Remarks	: * Hydros psi Test Te	static Pn emp	eumatic .°F CERTIFIC/	Nominal (LIANCE	Pressure	e Other	
	Tests Conducted sure Remarks ertify that the	: * Hydros psi Test Te statements ma	emp Pn	eumatic .°F CERTIFIC/	Nominal (ATE OF COMPI correct and	_IANCE this		acement	
es c t	Tests Conducted sure Remarks	* Hydros psi Test Te statements ma igned	static Pn emp	CERTIFIC	Nominal (ATE OF COMPL correct and 	LIANCE	Rep1	acement	· · · · · · · · · · · · · · · · · · ·
es c t t	Tests Conducted sure Remarks ertify that the he ASME Code. S er or Owner's De	* Hydros psi Test Te statements ma igned esignee)	de in this re	CERTIFIC	Nominal (ATE OF COMPL correct and NSSS ATE OF INSPE	LIANCE this Director (Tit	Rep1	acement	_conforms to Sectio <i>え、バー・</i> フィン (Date)
es 	Tests Conducted sure Remarks ertify that the he ASME Code. S er or Owner's De he undersigned, the State or Pro	* Hydros psi Test Te statements ma igned esignee) holding a val	de in this re David A. Vo	CERTIFIC CERTIFIC port are c OSDURG = CERTIFIC issued by	Nominal (ATE OF COMPL correct and NSSS ATE OF INSPE the Nation	LIANCE this Director (Tit ECTION bal Board	Rep1 le) of Boile	acement	_conforms to Sectio ス, ノイ・フム (Date) re Vessel Inspector
e c t lwn Ha	Tests Conducted sure Remarks ertify that the he ASME Code. S er or Owner's De he undersigned, the State or Pro rtford, CT.	* Hydros psi Test Te statements ma igned esignee) holding a val ovince of <u>Cal</u> have inspe	de in this re David A. Vo id commission ifornia	CERTIFIC CERTIFIC port are of CERTIFIC issued by , emplo Replace	Nominal (ATE OF COMPL correct and NSSS ATE OF INSPE the Nation byed by <u>H</u> ement de	LIANCE this <u>Director</u> (Tit ECTION al Board I.S.B.I. &	Repl le) of Boile I. Co. n this R	acement r and Pressur eport on	conforms to Section $\approx, 19-36$ (Date) re Vessel Inspector =2-2, 2, 195
e c F t Jwn Ha	Tests Conducted sure Remarks ertify that the he ASME Code. S er or Owner's De he undersigned, the State or Pro rtford, CT. state that to th	* Hydros psi Test Te statements ma igned esignee) holding a val ovince of <u>Cal</u> have inspe ne best of my	de in this re David A. Vo id commission ifornia cted the knowledge and	CERTIFIC CERTIFIC port are c CERTIFIC issued by , emplo Replace belief, t	Nominal (ATE OF COMPL correct and NSSS ATE OF INSPE the Nation byed byH ementde this repair	LIANCE this Director (Tit ECTION al Board L.S.B.I. & scribed i or replac	Repl le) of Boile <u>I. Co.</u> n this R	acement	conforms to Section <i>z, 19-76</i> Date) re Vessel Inspector <i>z - 2</i> , 192 ructed in accordance
c c t d Ha	Tests Conducted sure Remarks 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 anty, expressed	* Hydros psi Test Te statements ma igned esignee) holding a val ovince of <u>Cal</u> have inspe he best of my the ASME Code. or implied, c	de in this re de in this re David A. Vo id commission ifornia ccted the knowledge and By signing the	CERTIFIC port are of CERTIFIC port are of CERTIFIC issued by , emplo Replace belief, t his certif repair or	Nominal (ATE OF COMPL correct and NSSS ATE OF INSPE the Nation byed byH the Nation byed byH this repair ficate, neit replacemen	LIANCE this Director (Tit CTION al Board I.S.B.I. 8 scribed i or replac her the I t describ	Repl le) of Boile I. Co. n this R mement ha nspector ed in th	acement r and Pressur eport on s been constr nor his empl is Report. Fu	conforms to Section (2, 144) (Date) re Vessel Inspector (2, 144) re Vessel Inspector (2, 144) re Vessel Inspector (2, 144) re Vessel Inspector (2, 144) (2, 144)
e ct bwn Ha ith	Tests Conducted sure Remarks 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 anty, expressed ector nor his em	* Hydros psi Test Te statements ma igned esignee) holding a val ovince of <u>Cal</u> have inspe he best of my the ASME Code. or implied, c	de in this re de in this re David A. Vo did commission difornia ccted the knowledge and By signing the oncerning the be liable in a	CERTIFIC OSDURG = CERTIFIC OSDURG = CERTIFIC issued by , emplo Replace belief, t his certif repair or any manner	Nominal (ATE OF COMPL correct and NSSS ATE OF INSPE the Nation byed byH the Nation byed byH this repair ficate, neit replacemen	LIANCE this Director (Tit CTION al Board I.S.B.I. 8 scribed i or replac her the I t describ	Repl le) of Boile I. Co. n this R mement ha nspector ed in th	acement r and Pressur eport on s been constr nor his empl is Report. Fu	conforms to Section (2, 19-3) (Date) re Vessel Inspector (-2, 19) ructed in accordance over makes any
ct d Ha d th rsp is	Tests Conducted sure Remarks 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 anty, expressed ector nor his en ing from or conr	* Hydros psi Test Te statements ma igned esignee) holding a val ovince of <u>Cal</u> have inspe he best of my the ASME Code. or implied, c oployer shall hected with th	de in this re de in this re David A. Vo id commission ifornia icted the knowledge and By signing the oncerning the be liable in a is inspection.	CERTIFIC OSburg = CERTIFIC issued by , emplo Replace belief, t his certif repair or any manner	Nominal (ATE OF COMPL correct and NSSS ATE OF INSPE the Nation byed by <u>Hement</u> de this repair ficate, neit replacement for any pe	LIANCE this Director (Tit CTION bal Board L.S.B.I. & scribed i or replac her the I t describ rsonal in	Repl le) of Boile <u>I. Co.</u> n this R ment ha nspector ed in th jury or	acement r and Pressur eport on s been constr nor his empl is Report. Fu property dama	conforms to Section (2, 144) (Date) re Vessel Inspector (2, 144) re Vessel Inspector (2, 144) re Vessel Inspector (2, 144) re Vessel Inspector (2, 144) (2, 144)
ct the second se	Tests Conducted sure Remarks 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 anty, expressed ector nor his en ing from or conr	* Hydros psi Test Te statements ma igned esignee) holding a val ovince of <u>Cal</u> have inspe he best of my the ASME Code. or implied, c oployer shall hected with th	de in this re de in this re David A. Vo did commission difornia ccted the knowledge and By signing the oncerning the be liable in a	CERTIFIC OSburg = CERTIFIC issued by , emplo Replace belief, t his certif repair or any manner	Nominal (ATE OF COMPL correct and NSSS ATE OF INSPE the Nation byed by <u>Hement</u> de this repair ficate, neit replacement for any pe	LIANCE this Director (Tit CTION bal Board L.S.B.I. & scribed i or replac her the I t describ rsonal in	Repl le) of Boile <u>I. Co.</u> n this R ment ha nspector ed in th jury or	acement r and Pressur eport on s been constr nor his empl is Report. Fu property dama	conforms to Section (2, 144) (Date) re Vessel Inspector (2, 144) re Vessel Inspector (2, 144) re Vessel Inspector (2, 144) re Vessel Inspector (2, 144) (2, 144)

; ; }

~

€.

4

ļ

٠ •**

ł

ş

• si, 4 v

• • · ÷

, n

•

ĸ

•

۴

41

•

* N

h.

,

-*

ь 1 ж

.

ø

•

					FORM NIS-2 As Required		REPORT OF RE				
Ţ	Ì	Owner		fic Gas and 77 Beale Str				1106	I		ber 26, 1995
	2.	Plant	Dial P.(blo Canyon I D. Box 56, A	Power Plan Vila Beac	it h CA 93	424			Unit <u>1</u>	
)	3.	Work Po		oy Own				Re	pair Org.	- P.O. No., Jo	ob No., etc.
¢	5.	(a) Apr (b) Apr	olicable (olicable E	of System <u>Cor</u> Construction Co Edition of Sect Components Re	ode tion XI Util	(See Bel 19Ed ized for R	OW - Code ition epairs or R	Addenda	, Code C ts - 19	ases N/A	nda, Code Cases <u>N/A</u>
		me of mponent			Mfrs. Ser. No.	Nat'] bd. No. 	No.		Built	Repaired Replaced, or Replacement	
		AIR-S-1 AIR-S-1		Contromatics Mission Dril		I N/A	C0138628			Replacement Replacement	
			-			<u> </u>	1 1	<u> </u>]		
	Pres	Tests C	onducted:	lork <u>(4) Repla</u> * Hydrost psi Test Tem	atic Pr	neumatic ^ °F	Nominal	Operating	Pressure	e Other	_
1	of t (Own I, t Aand <u>Ha</u> and with warr Insp aris Date (Insj Kenn Kenn	the ASME the under the State the State state the Section anty, end ector nu ing from pector) ny D. 1 : Supple	Code. Si wher's Des rsigned, H te or Prov <u>CT.</u> hat to the n XI of the xpressed of or his emp m or conne <i>eb. 2</i> , Kim emental sh	signee) D holding a vali vince of <u>Cali</u> have inspec e best of my kn he ASME Code. I or implied, con ployer shall be ected with this <u>1996</u>	avid A. V d commission fornia ted the nowledge and By signing t neerning the e liable in s inspection (State or f of lists, ske	osburg CERTIFIC issued by . emplo belief, t his certif repair or any manner Province, etches, or	NSSS ATE OF INSP the Nation yed by <u>f</u> ment de this repair ficate, neit replacement for any pe	this <u>Director</u> (Tit ECTION mal Board <u>4.S.B.I. &</u> escribed i or replac ther the I it describe ersonal ir commission bard)	of Boile <u>A I. Co.</u> in this R cement ha Inspector bed in th bjury or as <u>CA 18</u>	eport on s been constr nor his empl is Report. Fu property dama <u>28 - NB 9990</u> ed (1) size i	(Date) re Vessel Inspectors 32-2, $19-96ructed in accordanceloyer makes anyorthermore, neither theage or loss of any kind$
U.	0	rmation	in items	1 through 4 or recorded at the	n this data n	report is	included on	each she	et, and	(3) each shee	t is numbered and the

. ¥ -

· · .

4 0 .

.

	Owner <u>Paci</u>	<u>fic Gas and</u> 77 Beale St	Electric reet, San	Company Francisc	o, CA 94	106	[Date <u>Decem</u> Sheet	ber 26, 19	995 2
2.	Plant Dia P.	blo Canyon O. Box 56,	Power Plan Avila Beac	t h CA 93	424		l	Jnit <u>1</u>	- <u> </u>	<u></u>
3.	Work Performed	by <u>Owi</u> Se	ner e Above			Rep	pair Org.	P.O. No., J	ob No., etc.	
.	Identification	of System <u>CO</u>			<u>re (45)</u> ow - Code	Stamp	Column	······································		
	(a) Applicable(b) ApplicableIdentification of the second sec	Edition of Sec	ode tion XI Util	19Ed ized for R	ition <u> </u>	Addenda eplacemen	, Code Ca ts - 19 <u>-</u>	ases <u>N/A</u>		ases <u>N/</u>
	me of mponent		Mfrs. Ser. No. 	Nat'1 bd. No. 	No.	Ident.	Built	Repaired Replaced, or Replacement 	Stamped)
4)	Personnel Hatch	Pitts-DesMoi	N/F	N/A	C0111129	N/A	Unknown	Replacement	Yes	
_	Emergency Hatch			I N/A	C0111130			Replacement		
-	Personnel Hatch			<u> N/A</u>	<u>C0122792</u>			Replacement		
_	Personnel Hatch		the second second second second second second second second second second second second second second second s	<u> N/A</u>	<u>C0122794</u>			Replacement		
	Personnel Hatch VAC-1-121			<u> N/A</u> N/A	C0124053			Replacement Replacement		
	Tests Conducted	 * Hydros 	TATIC PI			operaeing	11635010			
res	Tests Conducted ssure Remarks	: * Hydros psi Test Te	mp	_ °F						
res	ssure	: * Hydros psi Test Te	mp	_ *F						
	ssure Remarks certify that the	psi Test Te	mp	_ °F CERTIFIC	ATE OF COMP correct and	LIANCE this <u>Rep</u> a			_conforms to	
res • • • • • • •	ssure Remarks certify that the the ASME Code. S ner or Owner's D	psi Test Te	de în this re David A. V	CERTIFIC	ATE OF COMP correct and NSSS ATE OF INSP	LIANCE this <u>Repa</u> <u>Director</u> (Tit ECTION	:1e)	FEB. 2	<u>z, 1996</u> (Date)	
res • • • • • • • • • • • • • • • • • • •	ssure Remarks certify that the the ASME Code. S ner or Owner's D the undersigned,	psi Test Te	de în this re David A. V id commission	CERTIFIC cosburg certific certific certific	ATE OF COMP correct and NSSS ATE OF INSP y the Nation	LIANCE this <u>Repa</u> <u>Director</u> (Tit ECTION nal Board	le) of Boile	FEB. 2	<u>z, 1996</u> (Date)	nspector
res F t Dwr	ssure Remarks certify that the the ASME Code. S ner or Owner's D the undersigned, the State or Pr	psi Test Te	de Th this re David A. V id commission ifornia	CERTIFIC cosburg certific certific certific certific ssued b	ATE OF COMP correct and NSSS ATE OF INSP y the Nation oyed by	LIANCE this <u>Repa</u> <u>Director</u> (Tit ECTION nal Board H.S.B.I. 8	le) of Boild	FEB	<u>z, 1996</u> (Date)	nspector
res e o f t Dwr Hand ith	ssure Remarks certify that the the ASME Code. S ner or Owner's D the undersigned, the State or Pr artford, CT. state that to t h Section XI of	psi Test Te	mp. de In this re David A. V id commission ifornia cted the <u>Repa</u> knowledge and By signing t	CERTIFIC cosburg certific certific certific issued b ir/Replac belief, this certi	ATE OF COMP correct and NSSS ATE OF INSP y the Nation oyed by ementd this repair ficate, nei	LIANCE this <u>Repa</u> <u>Director</u> (Tit ECTION nal Board H.S.B.I. { escribed or replace ther the f	of Boile of Boile <u>1. Co.</u> in this E cement ha Inspector	FEB. A er and Pressu Report on as been const r nor his emp	マ、ノザヨム (Date) nre Vessel In <u>スース</u> cructed in ac	nspector o , 19_7 ccordanc any
res e of f t Dwr harr harr	ssure Remarks certify that the the ASME Code. So ner or Owner's D the undersigned, the State or Pr artford, CT. state that to t	psi Test Te statements ma bigned holding a val ovince of <u>Cal</u> have inspe he best of my the ASME Code. or implied, co mployer shall inected with th	mp. de Th this re David A. V id commission ifornia cted the <u>Repa</u> knowledge and By signing to oncerning the be liable in is inspection	CERTIFIC cosburg cERTIFIC cosburg cERTIFIC issued b <u>certific</u> belief, this certific repair of any manner	ATE OF COMP correct and NSSS ATE OF INSP y the Nation oyed by ement this repair ficate, nei r replacement r for any pro	LIANCE this <u>Repa</u> <u>Director</u> (Tit ECTION nal Board H.S.B.I. & escribed or replac ther the l nt describe	of Boile of Boile <u>& I. Co.</u> in this F cement ha Inspector bed in th	FEB. A er and Pressu Report on as been const r nor his emp nis Report. F	マ、ノザヨム (Date) ire Vessel In スース cructed in ad loyer makes urthermore,	nspector o , 19 ccordanc any neither
res e c f t Owr , t nd ith arr nsp ris ate	ssure Remarks certify that the the ASME Code. So ner or Owner's D the undersigned, the State or Pr artford, CT. state that to t h Section XI of ranty, expressed bector nor his e sing from or con	psi Test Te statements ma bigned holding a val ovince of <u>Cal</u> have inspe he best of my the ASME Code. or implied, co mployer shall inected with th	mp. de Th this re David A. V id commission ifornia cted the <u>Repa</u> knowledge and By signing the oncerning the be liable in	CERTIFIC cosburg cERTIFIC cosburg cERTIFIC issued b <u>certific</u> belief, this certific repair of any manner	ATE OF COMP correct and NSSS ATE OF INSP y the Nation oyed by ement this repair ficate, nei r replacement r for any pro	LIANCE this <u>Repa</u> <u>Director</u> (Tit ECTION nal Board H.S.B.I. & escribed or replac ther the l nt describe	of Boild <u>& I. Co.</u> in this F cement ha Inspector bed in th njury or	FEB. A er and Pressu Report on as been const r nor his emp nis Report. F	マ・ノダヨム (Date) (nspector , 19 ccordanc any neither

, . .

1-2 - 2-2 - 2-2

22 27 12

•

•

,

· · ·

.

т. **.**

,

 4. Id 5. (a 6. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide 7. Ide	Plant <u>Dial</u> P.C Nork Performed R Identification of (a) Applicable E Nentification of	77 Beale St blo Canyon blo Canyon blo Box 56, byOw byOw of SystemO bof SystemO Construction O Edition of Sec F components R [Name of 1	reet, San Power Plan Avila Beac ner e Above ontainment (See Code ction XI Util Repaired or Re [Mfrs. Ser. No. No.	Francisc nt h CA 93 Structun Below – 19Ed ized for R eplaced, a	co, CA 94 3424 re (45) Stamp Co lition Repairs or R nd Replacem Work Order No.	Rep lumn) Addenda eplacemen eent Compo lOther	pair Org. , Code C ts - 19_ nents Year Built		nda, Code Cases <u>N/</u> ASME Code Stamped
	P.(lork Performed I dentification of (a) Applicable (b) Applicable E lentification of onent	D. Box 56, by Own Se of System Co Construction C dition of Sec f components R Name of Mfr. 1	Avila Beac ner e Above ontainment (See Code ction XI Util Repaired or Ro Mfrs. Ser. No. 	h CA 93 Structum Below – 19Ed ized for R eplaced, a	re (45) Stamp Co lition Repairs or R Ind Replacem Work Order No.	Addenda Addenda Addenda Pacemen ent Compo Other IOther	pair Org. , Code C ts - 19_ nents Year Built	. P.O. No., Jo ases <u>N/A</u> 77, <u>S'78</u> Adde Repaired Replaced, or	Db No., etc. nda, Code Cases <u>N/</u> ASME Code
4. Id 5. (a (b 5. Ide Name Compo 4) VA 3) Pe 3) Pe 6) Pe 6) Pe	dentification of (a) Applicable ((b) Applicable E lentification of (c) of (c) onent	Se System Co Construction C Edition of Sec f components R Name of Name of Mfr. I	e Above ontainment (See Code ction XI Util Repaired or Re [Mfrs. Ser. No. 	Below - 19Ed ized for R eplaced, a [Nat']	- Stamp Co lition Repairs or R und Replacem Work Order No.	Addenda Addenda Addenda Pacemen ent Compo Other IOther	, Code C ts - 19 nents Year Built	ases <u>N/A</u> 77, <u>S'78</u> Adde Repaired Replaced, or	nda, Code Cases <u>N/</u> ASME Code Stamped
5. (a (b 5. Ide Name Compo (4) VA (3) Pe (3) Pe (6) Pe (6) Pe	(a) Applicable (b) Applicable E lentification of of onent	Construction C Edition of Sec F components R Name of Mfr. 	(See Code ction XI Util Repaired or Re Mfrs. Ser. No. 	Below - 19Ed ized for R eplaced, a [Nat']	- Stamp Co lition Repairs or R und Replacem Work Order No.	Addenda eplacemen ent Compo lOther lIdent.	ts - 19 <u></u> nents Year Built	77, <u>S'78</u> Adde Repaired Replaced, or	nda, Code Cases <u>N/</u> ASME Code Stamped
Compo (4) VA (3) Pe (3) Pe (6) Pe (6) Pe	onent	Mfr. 	No. 	•	No.	Ident.	Built	Replaced, or	Stamped
3) Pe 3) Pe 6) Pe 6) Pe	AC_1_122	111 10 11				I	l	1	1
3) Pe 6) Pe 6) Pe		IW.K.M.	<u> N/F</u>	I N/A	C0111130	S-2"	Unknown	Replacement	IYes
6) Pe 6) Pe	ersonnel Hatch		N/F	1 N/A	C0122800		Unknown	lRepair	Yes
6) Pe	ersonnel Hatch		<u> </u>	<u> N/A</u>	<u> C0122794</u>		Unknown		Yes
	ersonnel Hatch			<u> </u>	<u>C0124053</u>			Replacement	
	ersonnel Hatch ersonnel Hatch			<u> N/A</u>	<u>C0122792</u>			Replacement	
	ersonner natth	IFILLS DESMOT	<u> N/F</u>	<u> </u>	<u>C0122655</u>	<u> N/A</u>	Unknown	Replacement	lYes
2		1	1	1	1	<u> </u>		1	1
		i	. <u>'</u>	· <u>'</u>	<u></u>	l		1	<u>!</u>
		1	1	1	1			, 	,
		1	1	1	I	1		1	l <u></u>
		<u> </u>	I	1	I	1		1	
		<u> </u>	<u> </u>		1			1	
		<u> </u>	!	<u> </u>	<u> </u>				•
		1	<u> </u>	1	l	l			
		1	1		l	l			
		1	<u>'</u>	<u> </u>	l <u></u> l	l(l <u></u>
		 I	i	1	·	 	!	· · · · · · · · · · · · · · · · · · ·	J
	• • • • • • • • • • • • • • • • • • • •	•	<u>,</u>	1			1	· <u></u> /	
			i	1			!		
			J	1			' 		
			1	<u> </u>	·				

} 9

4

n.

9. Remarks (4) Replace Internals (3) Machine Work (6) Replace by Welding (Applicable Manufacturer's Data Reports to be attached)

Ĭ

•

.

• • •

. **е**р е р еле Ад -

11

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

4

	Owner <u>Paci</u>	fic Gas and	Electric	Company			-	Date Deceml	ber 26, 1995	j
Ţ.		77 Beale St	reet, San	Franciso	co, CA 94	1106		_ Sheet1	of	2
2.	Plant Dia	ublo Canyon 0. Box 56,						Unit <u>1</u>		
•		. 0						_		
3.	Work Performed		e Above			Po	nair Org	. P.O. No., Jo	h No etc	
		00				Nej	pull olg		b no., etc.	
4.	Identification	of System <u>Wa</u>								
~		0			ow – Code					
5.	(a) Applicable(b) Applicable									- 11/
6.	Identification o	f components R	epaired or Re	eplaced, a	nd Replacem	eptacemen	nents - 19_	<u>77, 578</u> Adde	nda, tode tases	s <u>n//</u>
	me of	Name of	Mfrs. Ser.					Repaired		
Cor	mponent	Mfr.	No.	bd. No.				Replaced, or		
			l I	ļ	1	Line No.	ļ	Replacement	(Yes or No)	
(14)) S/C 88-1365	Velan Valve	1 0930	I N/A	C0119876	<u>Ι</u>	10n 5170	 Replacement		
) S/C 88-1365	Velan Valve		1 N/A	C0119876			Replacement		
) S/C 88-1365	Velan Valve		I N/A	C0119876			Replacement		
14)) S/C 88-1365	Velan Valve		1_N/A	C0119876			[Replacement		
	<u>S/C 88-1365</u>	Velan Valve		N/A	C0119876	N/A	On File	Replacement	Yes	
2/3	3) S/C 88-1365	<u> Velan Valve</u>	1054	<u>N/A</u>	C0099369	<u>N/A</u>	On File	Replacement	Yes	
Pres	Tests Conducted ssure Remarks	: * Hydros psi Test Te	tatic Pn mp	eumatic _ _ °F	Nominal	Operating	Pressur	e Other	_	
J •	Reliar KS	• ····				<i>i</i>				
		· · · · · · · · · · · ·					··			

			. <u>.</u>		ATE OF COMP					
	ertify that the he ASME Code. S		the in this re	port are		Director		lacement 7	_conforms to Se	ection
	ier or Owner's De			osburg	1333		tle)	FEB Z	(Date)	
					ATE OF INSP	•	,,	,	(Butc)	
[, t	che undersigned,	holding a val	id commission	issued b	y the Natio	nal Board	of Boile	er and Pressu	re Vessel Inspe	ectors
Ind	the State or Pro	ovince of <u>Cal</u>	ifornia	, empl	oyed by <u>i</u>	H.S.B.I.	& I. Co.		_	01
Ha	irtford, CT.	have inspec	cted the <u>Repa</u>	<u>ir/Replac</u>	<u>ement</u> d	escribed	in this f	Report on	2-2,	19_9
ina itth	state that to the Section XI of the	ne dest of my l the ASNE Code	nowledge and	belief,	this repair	or repla	cement ha	as been constr	ructed in accor	•dance
arr	a Section XI of anty, expressed	or implied, co	oy signing the	repair o	ricale, nei r replacemen	ther the nt describ	Inspector	r nor nis emp his Report Fi	loyer makes any Inthermore nei	/ ithon
nsp	ector nor his e	mployer shall b	be liable in	any manne	r for any p	ersonal i	njurv or	property dama	age or loss of	anv k
	ing from or com							the sheet of a game		, r
_	17	1003	11	, /	· ·					
Date	726 7	<u> </u>	<u>kenny</u>	12. 10	an (Commissio	ns <u>CA 18</u>	328 - NB 9990		
·. ·	pector) ny D. Kim		(State of	Province,	National Bo	oard)				
	: Supplemental s	cheets in form	of liste et	atches a	n drawingo -	nau ha ua	od provin	tod (1) otro t	ie 0 1/2 u 11 ±	n /
	· Juppicmental S	A IN TOTAL	UT TISUS, SK	ecciles, 01	urawings f	nay De US	ea provid	iea (1) Size	15 0 1/2 X 11 1	п., (

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.

Ì

• •

* tr

•

x

.

a a s Na a s Na a s Na s a s

چر ایه مؤد د

FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT As Required by the Provisions of ASME Code Section XI

·× a

Owner Pacif	fic Gas and	Electric	Company			1	Date Decem	ber 26, 1995
	7 Beale St			co, CA 94	106		Sheet 2	
	la Camuan		L					
	olo Canyon D. Box 56,			424			Unit <u>1</u>	
F.•U	. DUX 50, 1	AVITA DEALI	I CA 95	424			_	
3. Work Performed b		ner						
B		e Above			Rei	nair Ara	P.O. No., J	ah No etc
/					Ne	Jan orga	· ···· ··· · ··· ·	00 110., etc.
4. Identification o	of System Wa	rehouse Sp	are Part	ts (85)				
	•			Stamp Co	lumn)			·
5. (a) Applicable C	construction C	ode	19Ed	ition	Addenda	. Code C	ases N/A	ł
(b) Applicable E	dition of Sec	tion XI Utili	zed for R	epairs or R	eplacemen	ts - 19	77, S'78 Adde	enda, Code Cases <u>N/A</u>
6. Identification of	components R	epaired or Re	placed, a	nd Replacem	ent Compo	nents		
وی چې نم ند ده ده ده ده ده ده ده ده ده ده ده ده ده								
		Mfrs. Ser.	Nat'1	Work Order	Other	Year	Repaired	ASME Code
Component	Mfr.	No.	Bd. No.	No.	Ident.	Built	Replaced, or	Stamped
	1	[1		Line No.	1	Replacement	(Yes or No)
	<u> </u>	l	1	1	<u> </u>	<u> </u>	l	1
	Velan Valve	0930	<u> N/A</u>	C0099369			Replacement	
	Velan Valve	0816	<u> N/A</u>	C0099369			Replacement	
	Velan Valve	1026	<u> N/A</u>	C0099369			Replacement	
	Velan Valve	0954	<u> N/A</u>	C0099369			Replacement	
(4) S/C 94-9634	Dynasea1	<u> N/F</u>	<u> N/A</u>	C0128852	and the second se		Replacement	
(3) S/C 95-2804 (4) S/C 93-7965	John Crane	N/F	<u> N/A</u>	C0127445			Replacement	
	Dresser	BM-01748	<u> N/A</u>	C0127150			Replacement	
	Dresser Crosby	BM-07869	<u> N/A</u>	C0126996			Replacement	
	Union Pump	U12S2	<u> N/A</u> N/A	C0134841			Replacement	
(14/3) RCS-0-RV-8010	the second second second second second second second second second second second second second second second s	U12S1	I N/A	<u>C0134216</u> C0134850		Unknown		INO
	Crosby	U12S1	N/A	C0134850		On File	Replacement	Yes
	Dresser	AAJ38	I N/A	C0137833		Unknown		No
	Dresser	AAJ39	I N/A	C0137833		Unknown		No
(3) S/C 42-1035/seat		N/F	I N/A	C0135305		Unknown		INO
(3) S/C 42-1035/disk		N/F	I N/A	C0135305		Unknown		INO
(4) MSSV	Dresser		I N/A	C0135090	_		Replacement	
(4) MSSV	Dresser	BM-7852	N/A	C0135085			Replacement	
	Dresser	BM-1748	N/A	C0135093			Replacement	
(3) S/C42-1036 Disch		N/F	N/A	C0137954		Unknown		No
	Crosby	U12S1	N/A	C0134492		On File		Yes
	Anchor Darlg		_N/A	C0134491			Replacement	Yes
	Energy Steel		<u>N/A</u>	_C0138448			Replacement	
(14) Spare SI Pp	Pacific Pump	49189	N/A I	_C0128123	N/A	Unknown	Replacement	No

9. Remarks <u>(2) Replace Bolting (3) Mach. Work Repair (4) Replace Valve Internals</u> (Applicable Manufacturer's Data Reports to be attached) <u>(14) Drill Holes In Bonnet (15) Prep Studs</u>

٨



r -

•

, **`** •

•

r

•

ドニ

SECTION H.

LIMITED ACCESSIBILITY OF PIPING WELDS



r -•

,

. , .

ę

.

`` ,

•

•

¢

ہہ .

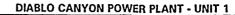
,



PG&E

- e





and the second s

ISI PROGRAM PLAN REQUEST FOR RELIEF #NDE-008 ADDENDA (Note 5)

THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7) ASME SECTION XI SYSTEMS - CLASS 1/2

LINE #	WELD NUMBER . (Note 1)	% ACCESS (Note 2)	BASIS . (Note 3)	LIMITATION	CODE ITEM
15	WIB-374SE	25%	2.b.	Limited exam due to safe end edge & nozzle configuration.	B5.50
16	WIB-71SE	70%	2.b.	Taper and nozzle limits axial scan.	B5.50
3	WIB-RC-3-5SE	60%	2.b.	No upstream scan due to nozzle. Balance of scans limited due to machined edge of elbow.	B5.50
3	WIB-RC-3-6SE	47%	2.b.	Nozzle limits axial scans, downstream scan not performed. Circ. scans limited due to nozzle boss.	B5.50
4	WIB-RC-4-5SE	32%	2.b.	Nozzle limits axial scan, upstream scan not performed. Circ. scans limited due to nozzle boss.	B5.50
4	WIB-RC-4-6SE	22%	2.b.	Nozzle limiyd axial scan, downstream scan not performed. Circ. scans limited due to surface contour.	B5.50
7	WIB-RC-3-12	15%	2.b.	No upstream scan due to pump inlet nozzle contour. No circ. scans due to nozzle contour.	B9.11
3	WIB-RC-3-11.5 A/B	65%	2.b.	(Long seam) surface roughness & contour.	B9.11
8	WIB-RC-4-12	21%	2.b.	No upstream scan due to pump inlet nozzle contour. No circ, scans due to nozzle contour.	B9.11
4	WIB-RC-4-11.5 A/B	65%	2.b.	(Long seam) surface roughness & contour.	B9.11
1993	WIB-302A	75%	2.a.	Support blocking weld.	B9.40
			n mer -		

-



,

· .

i V

, L

61

at ન

DIABLO CANYON POWER PLANT - UNIT 1

THIRD PERIOD_THIRD REFUELING OUTAGE REPORT (1R7) ASME SECTION XI SYSTEMS - CLASS 1/2

PG&E

1 : 1

NOTES:

ISI PROGRAM PLAN REQUEST FOR RELIEF #NDE-008 ADDENDA (Note 5)

1. All other piping welds examined met Code requirements because they had at least 90% coverage or full vee scan from one side.

2. BASIS: The basis for each weld inaccessibility is classified as follows:

- a. Wall or floor penetrations, hangers or components closely adjacent to the examination surface.
- b. 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 seventh refueling outage (1R7). See NDE-008 in Unit 1 ISI Program Plan, Revision 8. for inaccessible welds identified through 1R6.

Page 2

a

L. L. T. Mary

. L U L

٦ ч. *э* r **,** ŧ

د د مر ر 1

in the second se

4

• A 43 L N

ı