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August 22, 2002

PG&E Letter DCL-02-096

U.S. Nuclear Regulatory Commission ATTN: Document Control Desk Washington, DC 20555-0001

Docket No. 50-275, OL-DPR-80
Diablo Canyon Unit 1
Inservice Inspection Report for Unit 1 Eleventh Refueling Outage

Dear Commissioners and Staff:

In accordance with ASME Section XI, paragraph IWA 6230, enclosed is the Diablo Canyon Inservice Inspection Report. This report provides the results of the Unit 1 eleventh refueling outage inservice inspections of Class 1 and 2 components and supports.

Sincerely,

James R. Becker

ddm/469/R0217115

cc/enc:

Ellis W. Merschoff

David L. Proux Girija S. Shukla

State of California, Pressure Vessel Unit

CC:

Diablo Distribution

A047

INSERVICE INSPECTION REPORT FOR DCPP UNIT 1 ELEVENTH REFUELING OUTAGE

Diablo Canyon Power Plant

Unit 1

USNRC Docket No. 50-275

Operating License No. DPR-80

	Commercial Operation	on Date, May 7,1985	
Prepared By:	Theos		
ISI Specialists: T	homas L. Alcott, and Ter	ry G. Carraher	
Reviewed By:			
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Approved By:	I and	ly_	
	avid A. Vosburg, Manag	ger NSSS Engineering	

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

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H.	Containment Examinations				
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SECTION A INTRODUCTION

SECTION A

INTRODUCTION

Inservice inspection (ISI) of scheduled ASME Section XI Class 1 and 2 components and their supports at Pacific Gas and Electric Company's Diablo Canyon Power Plant (DCPP) Unit 1 was completed during the eleventh refueling outage from April through May, 2002. The DCPP Unit 1 eleventh refueling outage (1R11) was the second outage in the second period within the second 10-year ISI 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 1R11 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 1R11 work packages closed prior to July 2, 2002 and for any pre-1R11 work packages closed after December 17, 2000. NIS-2 reports for 1R11 work packages that are closed after July 1, 2002 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.

Containment exams are reported in Section H.

Augmented exams are reported in Section I.

SECTION B ASME CODE DATA NIS-1 FORMS

FORM NIS-1 OWNER'S 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 Francisco, CA 94106	
2.	Plant Diablo Canyon Power Plant, P.O. Box 56, Avila Beach, CA 93424	
3.	Plant Unit 4. Owner Certificate of Authorization (if required)	N/A
5.	Commercial Service Date <u>05/07/85</u> 6. National Board Number for Unit	N/A
7.	Component Inspected ASME Code Class 1 Items	•

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province 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
Pressurizer	Westinghouse	1051	N/A	68-30
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
-				

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8 ½ 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.

FORM NIS-1 (back)

8.	Examination Dates	04/02 to	05/02	
9.	Inspection Period Identific	cation: Second	(10 th to 11 th)	
10.	Inspection Interval Identif	ication: <u>Second</u>	1	
11.	Applicable Edition of Sect	tion XI <u>1989</u>	Addenda <u>N</u>	one
12.	Date/Revision of Inspection	on Plan: <u>Decem</u>	nber 18, 1998, Revision 1	
13.			e a list of examinations and test ent interval. <u>Refer to ISI Repo</u>	
14.	Abstract of Results of Exa	minations and Te	ests. Refer to ISI	Report
12.	Abstract of Corrective Me	asures. <u>Refer to</u>	ISI Report	
to the ri	pection Plan as required by tules of the ASME Code, Sec	the ASME Code, ction XI.	is report are correct, b) the example is report are correct, b) the example is reported and c) corrective meaning. Expiration Owner	easures taken conform
Inspects Harford 04/02 perform accorda implied Further propert	ndersigned, holding a valid of cors and/or the State or Provid. CT have inspected the object of the core and taken and examinations and taken ance with the requirements of By signing this certificate of the concerning the examination of the concerning the examination of the core of	commission issue ince of <u>Californ</u> he components de , and state that to corrective measure of the ASME Cod neither the Inspectors and corrective mor his employer and arising from company commissions	ctor nor his employer makes and measures described in this Ow shall be liable in any manner for connected with this inspection	S. B. I. & I Co. of eport during the period belief, the Owner has eata Report in y warranty, expressed or ners' Data Report. r any personal injury or n.
ınspe	s Signature/Kenny Kin	11	mational board, state, P	TOVINCE AND INO.

FORM NIS-1 OWNER'S 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 Francisco, CA 94106
2.	Plant Diablo Canyon Power Plant, P.O. Box 56, Avila Beach, CA 93424
3.	Plant Unit 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.	Component 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 1-2	Westinghouse	1042	N/A	68-13
RHR Hx 1-1	Engineers & Fabricators	S-15588-A	N/A	1110
Class 2 Piping Supports	Various	N/A	N/A	N/A
Class 2 Piping	M.W. Kellogg/ Pullman Power	N/A	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.

FORM NIS-1 (back)

8.	Examination Dates to to
9.	Inspection Period Identification: Second (10 th to 11 th)
10.	Inspection Interval Identification: Second
11.	Applicable Edition of Section XI 1989 Addenda None
12.	Date/Revision of Inspection Plan:
13.	Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for current interval. Refer to ISI Report
14.	Abstract of Results of Examinations and Tests. Refer to ISI Report
12.	Abstract of Corrective Measures. Refer to ISI Report
	We certify that a) the statements made in this report are correct, b) the examinations and tests meet ection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform less of the ASME Code, Section XI.
Certifica	ate of Authorization No. (if applicable)Expiration DateExpiration Date
Certifica Date	ate of Authorization No. (if applicable)Expiration DateExpiration Date
I, the un Inspecto Harford, 04/02 performa accordar implied, Furthern	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel rs and/or the State or Province of California and employed by H. S. B. I. & I. Co. of LT have inspected the components described in this Owners' Data Report during the period to 05/02, and state that to the best of my knowledge and belief, the Owner has ed examinations and taken corrective measures described in this Owners' Data Report in nice with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector ror his employer makes any warranty, expressed or concerning the examinations and corrective measures described in this Owners' Data Report. In ore, neither the Inspector nor his employer shall be liable in any manner for any personal injury of damage or a loss of any kind arising from or connected with this inspection.
I, the un Inspecto Harford, 04/02 perform accordar implied, Furthern property	CERTIFICATE OF INSERVICE INSPECTION dersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel and Area inspected the components described in this Owners' Data Report during the period to

SECTION C CLASS ONE COMPONENTS

SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT (1R11) ASME SECTION XI SYSTEMS - CLASS 1				MAJOR ITEM: REACTOR VESSEL			
						PAGE 1 of 1	
CATEG		COMPONENT /	WELD OR	EXAM	EXAM		
ITEM	DESCRIPTION	LINE	COMPONENT NO.	TYPE	DATE	COMMENTS	RESULTS
B-G-1						*	
B6.30	RPV1 Closure Head Studs	RPV Bolting > 2" diam.	RPV1 Studs 19 to 36	UT	5-6-02		NRI
B-G-2							
B7.80	CRD Housings:	RPV Bolting < 2" diam.	Part Length CRDM K-4, 6 Bolts	VT-1	5-14-02		NRI
			Part Length CRDM F-4, 6 Bolts	VT-1	5-14-02		NRI
B-N-1							
B13.10	Reactor Vessel 1 Interior	Reactor Vessel 1 Interior	Reactor Vessel 1 Interior	VT-3	5-9-02		NRI

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SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT (1R11) ASME SECTION XI SYSTEMS - CLASS 1					MAJOR ITEM: PRESSURIZER		
						PAGE 1 of 1	
CATEG ITEM	ORY DESCRIPTION	COMPONENT / LINE	WELD OR COMPONENT NO.	EXAM TYPE	EXAM DATE	COMMENTS	RESULTS
B-B						,	
B2.11	Shell to Bottom Head Circ Weld	Pressurizer 1	Girth 1 - one third	UT	5-7-02		NRI
В-Н							
B8.20	Support Skirt Weld	Pressurizer 1	Girth 10 - one third	UT	5-7-02		NRI

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SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT (1R11)

MAJOR ITEM: STEAM GENERATORS

ASME SECTION XI SYSTEMS - CLASS 1

CAT B16.20

STEAM GENERATOR TUBING

PAGE 1 of 1

The following percentages apply to inservice tubes.

SCOPE	PROBE TYPE	SG 11	SG 12	SG 13	SG 14
Full length (except Rows 1	Bobbin	100%	100%	100%	100%
and 2 U-bends)				·	
Rows 1 and 2 U-bends	Plus Point	100%	100%	100%	100%
Repeat PWSCC indications at	Plus Point	100%	100%	100%	100%
dents and top of tubesheet					
Hot Leg top-of tubesheet	Plus Point	100%	100%	100%	100%
≥ 5 volt dented TSP	Plus Point	100% at 1H to 4H, 20%	100% at 1H to 6H, 20%	20% at 1H to 7H	100% at 1H to 6H, 20%
intersections	(Note 1)	at 5H to 7H	at 7H		at 7H
> 2 and < 5 volt dented TSP	Plus Point	100% at 1H to 4H, 20%	100% at 1H to 6H, 20%	20% at 1H	100% at 1H to 6H, 20%
intersections	(Note 1)	at 5H	at 7H		at 7H
Distorted OD bobbin signals	Plus Point	Per voltage-based repair	Per voltage-based repair	Per voltage-based	Per voltage-based
at TSP intersections		criteria	criteria	repair criteria	repair criteria
Distorted ID bobbin signals at	Plus Point	100%	100%	100%	100%
TSP intersections					
> 2 volt free span dings	Plus Point	20% TSH to 7H	20% TSH to 7H	20% TSH to 7H	20% TSH to 7H
Baseline TSP ligament	Plus Point	100%	N/A	N/A	100%
indications					
Tubes unplugged		N/A	150	N/A	N/A
Tubes plugged		29	91	10	10

Note 1: For each 20% sample, inspect at least 50 dents, or else inspect 100% if there are less than 50 dents.

SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT

DIABLO CANYON POWER PLANT - UNIT 1

MAJOR ITEM: PIPING

(1R11) ASME SECTION XI SYSTEMS - CLASS 1								
		,				PAGE 1 of 3		
CATEG ITEM	ORY DESCRIPTION	COMPONENT / LINE	WELD OR COMPONENT NO.	EXAM TYPE	EXAM DATE	COMMENTS	RESULTS	
B-G-1						· ·		
B6.180	RCP 1-2 Main Flange Bolts	Pump Bolting > 2" diam.	RCP 1-2 Bolts 2-9	UT	5-14-02		NRI	
B-M-2								
B12.50	RHR Pp 1-1 Inj CL 1	S6-3844-6SPL+	V-8818C Interior	VT-3	5-7-02		NRI	
B-J								
B9.11	Pressurizer Surge Line	*-16-14	WIB-67	UT	5-9-02		NRI	
	Pressurizer Surge Line	*-16-14	WIB-69	UT	5-10-02		NRI	
	Pressurizer Surge Line	*-16-14	Elbow between WIB-69 and WIB-70	UT	5-10-02		NRI	

(1R11)

DIABLO CANYON POWER PLANT - UNIT 1

MAJOR ITEM: PIPING

	SECTION XI SYSTE					PAGE 2 of 3	
CATEG ITEM	ORY DESCRIPTION	COMPONENT / LINE	WELD OR COMPONENT NO.	EXAM TYPE	EXAM DATE	COMMENTS	RESULTS
B-J cont'd						•	
B9.21	Pzr Pwr RV PCV- 455C	S6-1172-3	WIB-370	UT	5-2-02		NRI
	Pzr Pwr RV PCV- 455C	S6-1172-3	WIB-371	UT	5-2-02		NRI
	Pzr Pwr RV PCV- 455C	S6-1172-3	WIB-372	UT	5-2-02		NRI
B9.40	Charging Line Aux Spray	S6-51-2SPL	WIB415	PT	5-3-02		NRI
	Loop 4 Cold Leg Drain RCDT	S6-961-2SPL+	WIB-339	PT	5-16-02		NRI
	Loop 1 RCS CL Vent & Refill	S6-1140-2SPL	WIB-28E	PT	5-9-02		NRI
	Charging Injection Out Lp 3 CL	S6-1994-1.5SPL+	WIB-114	PT	5-14-02		NRI
	Charging Injection Out Lp 3 CL	S6-1994-1.5SPL+	WIB-115	PT	5-14-02		NRI

SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT

PG	&F.	

SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT (1R11) ASME SECTION XI SYSTEMS - CLASS 1						MAJOR ITEM: PIPING	
						PAGE 3 of 3	
CATEG	ORY	COMPONENT /	WELD OR	EXAM	EXAM		
ITEM	DESCRIPTION	LINE	COMPONENT NO.	TYPE	DATE	COMMENTS	RESULTS
B-J cont'd						,	
B9.40	Charging Injection Out Lp 1 CL	S6-1991-1.5SPL+	WIB-44	PT	5-14-02		NRI
	Charging Injection Out Lp 1 CL	S6-1991-1.5SPL+	WIB-42	PT	5-14-02		NRI

SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT (1R11) ASME SECTION XI SYSTEMS - CLASS 1					MAJOR ITEM: INTEGRAL ATTACHMENTS		
						PAGE 1 of 1	
CATEG ITEM	ORY DESCRIPTION	COMPONENT / LINE	WELD OR COMPONENT NO.	EXAM TYPE	EXAM DATE	COMMENTS	RESULTS
B-K-1						,	
B10.10	RHR Pp 1-1 Inj Cold Leg 1	S6-3844-6SPL	42-41V Paramount	PT	5-16-02		NRI
	Pzr Power RV PCV-455C	S6-1172-3SPL	48-29A FWX301A-C	PT	5-2-02		NRI
B10.20	RC Pump 1-2	RCP 1-2 Support Lug	Lug Weld No. 1	PT	5-6-02		NRI

I	C	R.	E

SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT

MAJOR ITEM: PIPING SUPPORTS

(1R11)

ASME SECTION XI SYSTEMS - CLASS 1

PAGE 1 of 1

CATEGORY

F-A

SUPPORTS

F1.10 TO F1.70

SUPPORT COMPONENTS

The required inservice inspections were performed on 1 Class 1 hanger during the eleventh refueling outage between the dates of 05/16/02 and 05/16/02. All supports found acceptable. Data reports are on file.

LINE	SUPPORT
RCP 1-2	Support Structure

SECTION D CLASS TWO COMPONENTS

SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT (1R11) ASME SECTION XI SYSTEMS - CLASS 2						MAJOR ITEM: STEAM GENERATORS	
						PAGE 1 of 1	
CATEG	ORY	COMPONENT /	WELD OR	EXAM	EXAM		
ITEM	DESCRIPTION	LINE	COMPONENT NO.	TYPE	DATE	COMMENTS	RESULTS
C-A						,	
C1.10	Shell Circ.Welds	Steam Generator 1-2	Girth W2-4 - accessible 20%	UT	5-1-02		NRI
С-В							
C2.21	Nozzle-to-Shell Weld	SG 1-3 to K16-557-16 IV	Feedwater Nozzle- to-Shell Weld	MT	5-3-02		NRI
	Nozzle-to-Shell Weld	SG 1-3 to K16-557-16 IV	Feedwater Nozzle- to-Shell Weld	UT	5-4-02		NRI
C2.22	Nozzle Inside Radius Section	SG 1-3 to K16-557-16 IV	Feedwater Nozzle Inside Radius	UT	5-3-02		NRI

P	C	R,	K.

SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT (1R11) ASME SECTION XI SYSTEMS - CLASS 2					MAJOR ITEM: RHR HEAT EXCHANGERS		
					···-·	PAGE 1 of 1	
CATEG ITEM	ORY DESCRIPTION	COMPONENT / LINE	WELD OR COMPONENT NO.	EXAM TYPE	EXAM DATE	COMMENTS	RESULTS
C-A					<u></u>	•	
C1.10	Shell Circ. Welds	RHR Heat Exchanger 1-1	Girth Weld GA (#1) (Shell-to-Flange)	PT	4-26-02		NRI
С-В							
C2.21	Nozzle-to-Shell Weld	RHR HX 1-1 to S1-112-8	Inlet Nozzle- to-Shell Weld #5 (N1)	PT	4-26-02		NRI

(1R11)						MAJOR ITEM: PIPING	
		181.				PAGE 1 of 1	
CATE	ORY	COMPONENT /	WELD OR	EXAM	EXAM		
ITEM	DESCRIPTION	LINE	COMPONENT NO.	TYPE	DATE	COMMENTS	RESULTS
C-F-1						· ·	
C5.11	RHR HX 1 Outlet	S1-118-8 III	WIC-16	UT	4-23-02		NRI
	RHR HX 1 Outlet	S1-118-8 III	WIC-16D	UT	4-18-02		NRI
	RHR HX 1 Outlet	S1-118-8 III	WIC-16H	UT	4-18-02		NRI
	RHR HX 1 Outlet	S1-118-8 III	WIC-35	UT	4-23-02		NRI
	RHR Pp1 Discharge	S1-112-8 III	WIC-145	UT	4-25-02		NRI
	RHR Pp1 Discharge	S1-112-8 III	WIC-154	UT	4-25-02		NRI
	RHR Pp 2 Discharge	S1-113-8 III	WIC-133	UT	4-24-02		NRI
	RHR Pp 2 Discharge	S1-113-8 III	WIC-134	UT	4-24-02		NRI
	RHR HX Outlet Cross-Tie Hx-1	S1-2458-8 III	WIC-31	UT	4-23-02		NRI

SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT (1R11) ASME SECTION XI SYSTEMS - CLASS 2				MAJOR ITEM: INTEGRAL ATTACHMENTS			
ASME	SECTION AISISI	EIVIS - CLASS 2				PAGE 1 of 1	
CATEG ITEM	ORY DESCRIPTION	COMPONENT / LINE	WELD OR COMPONENT NO.	EXAM TYPE	EXAM DATE	COMMENTS	RESULTS
C-C						•	
C3.20	S/G 1-2 Outlet: Weld Attachment	Line K15-227- 28V	1022-1V Attachment Lugs	MT	5-5-02		NRI
	S/G 1-4 Feedwtr: Weld Attachment	Line K16-556- 16V	1044-7V Attachment Paramount	MT	5-7-02		NRI
	RHR Pp 1-1 Inj: Weld A'ttachment	Line S6-3844-6III	42-37A Attachment X394A-E	PT	5-18-02		NRI
	CCP 1-2 BP Sup: Weld Attachment	Line S6-1475-3	73-37R Attachment Lugs	PT	5-5-02		NRI

SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT (1R11)

MAJOR ITEM: PIPING SUPPORTS

ASME SECTION XI SYSTEMS - CLASS 2

PAGE 1 of 1

CATEGORY

F-A

SUPPORTS

F1.10 TO F1.70

SUPPORT COMPONENTS

The required inservice inspections were performed on 68 Class 2 hangers prior to and during the eleventh refueling outage between the dates of 03/01/02 and 05/16/02. Results were found acceptable. Data reports are on file.

LINE	SUPPORT	LINE	SUPPORT	LINE	SUPPORT	LINE	SUPPORT	LINE	SUPPORT
45	73-65R	53	73-45A	228	1020-3R	1065	1027-8V	2032	54S-11V
48	55S-116R	53	74-30A	228	1032-16R	1065	1033-27R	2033	15-108R
48	55S-119R	54	39-9R	508	42-47R	1357	57S-23V	2033	56S-50R
48	55S-122R	54	180-10	508	42-49R	1357	57S-181R	2044	512-39V
48	55S-125R	54	2151-55	508	42-68R	1454	54S-19R	3678	73-46R
48	74-47R	54	2151-66	508	42-77R	1454	73-41R	3844	42-37A
48	99-6R	54	2151-89	508	56N-121R	1464	73-24	3844	42 - 39R
48	99-84R	54	2151-107	508	56N-122R	1464	73-98	3844	42-66R
48	99-101R	54	2151-113	554	1048-14R	1466	73-29	RHR	Mid-level braces
48	99-187V	54	2151-133	554	1048-22R	1466	73-73	HX 1-1	
52	99-6R	54	2151-215	746	56S-117R	1466	73-143	RHR	Top-level braces
52	99-9R	54	2155-54	746	57S-112A	1474	73-22R	HX 1-1	
52	99-24R	54	2155-185	746	57S-122R	1973	54S-21R		
52	99-101R	54	2161-16	746	57S-192R	1974	54S-12R	_	

99-9R

746

1979

56S-53R

SECTION E SYSTEM PRESSURE TESTS

PG&E

SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT (1R11)

MAJOR ITEM: PRESSURE TESTS

ASME SECTION XI SYSTEMS - CLASS 1 & 2

				PAGE 1 of 5		
TEST NO.	CLASS	DESCRIPTION	EXAM DATE	COMMENTS	RESULTS	
1	1	Reactor Coolant System and Connected Piping	5-26-02	STP-R8A	NRI	
2	1	Excess Letdown between 8166 & 8167	5-26-02	STP-R8A	NRI	
3	1	Pressurizer Auxiliary spray	5-26-02	STP-R8A	NRI	
4	1	Alternate Charging	5-26-02	STP-R8A	NRI	
5	1	RHR & SI to Cold Legs	5-26-02	STP-R8A	NRI	
6	1	Charging Injection Inside Cont.	5-26-02	STP-R8A	NRI	
7	1	Safety Injection Inside Cont, From 8905A-D to 8949A-D	5-26-02	STP-R8A	NRI	
8	1	RHR Between 8702 & 8701	5-26-02	STP-R8A	NRI	
9	1	Pzr. Piping from 8052 to 8064 A, B, C	5-26-02	STP-R8A	NRI	

PG&E

12

13

2

2

DIABLO CANYON POWER PLANT - UNIT 1

NRI

NRI

SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT (1R11)

Charging Injection 8801A & B to 8820

Charging Pumps & Suction Piping

MAJOR ITEM: PRESSURE TESTS

PAGE 2 of 5

ASME SECTION XI SYSTEMS - CLASS 1 & 2

TEST NO.	CLASS	DESCRIPTION	EXAM DATE	COMMENTS	RESULTS
1	2	Steam Generators and Connected Piping	5-26-02		NRI
4	2	RCS Loops 1 & 4 Hot Leg Sample Lines	5-26-02		NRI
5	2	Pressurizer Sample Lines	5-26-02		NRI
6	2	XS Ltdn HX & piping from 8167 to HCV-123	5-26-02		NRI
7	2	RCP Hi Press Seal Water out & XS Ltdn HX outlet piping	5-26-02		NRI
8	2	Charging Pumps Discharge Piping	5-26-02		NRI
9	2	Recip Chg Pump & Disch Piping to 8475	2-27-02		NRI
10	2	Alt Charging Between 8483, 8147 & 8379A	5-26-02		NRI

5-26-02

2-15-02

PG&E

SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT (1R11)

MAJOR ITEM: PRESSURE TESTS

ASME SECTION XI SYSTEMS - CLASS 1 & 2

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TEST NO.	CLASS	DESCRIPTION	EXAM DATE	COMMENTS	RESULTS
14	2	Regenerative HX and Letdown Piping	3-1-02		NRI
15	2	Boric Acid Pumps Disch Piping	6-27-02		NRI
15a	2	Boric Acid Pumps Disch Piping Between 8104 and 8445	3-20-02		NRI
16	2	Boric Acid Tanks to Pump Disch Iso Valves	6-27-02		NRI
17	2	Accumulator Injection Loops 1-4, Sample Lines to 9352A-D, Test & Fill lines to 8878A-D	6-13-02		NRI
19	2	RWST & Supply to RHR, Cont Spray, SI, Refueling Wtr Purification Pumps & Recirc Line to RHR HX	5-23-02		NRI
20	2	RWST Supply to Chg Pp Suction, 8805A & B to 8924	4-30-02		NRI
21	2	Safety Injection Pump Discharge to 8802A & B and Cold Legs	4-11-02		NRI
22	2	Safety Injection Pumps Discharge to Hot Legs from 8802A & B to 8904A-D	5-26-02		NRI
23	2	RHR Pumps and Discharge Piping	5-23-02		NRI

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SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT (1R11)

MAJOR ITEM: PRESSURE TESTS

ASME SECTION XI SYSTEMS - CLASS 1 & 2

PA	GE	4	of 5	

TEST NO.	CLASS	DESCRIPTION	EXAM DATE	COMMENTS	RESULTS
29	2	Cont Spray Ring Piping, Spec S3	5-18-02		NRI
30	2	CCW Supply & Return to Cont Fan Coolers, RCPs and XS Letdown Heat Exchanger	5-26-02		NRI
31	2	Steam Generator Nitrogen Supply	5-1-02		NRI
34	2	PZR Relief Tank Nitrogen Supply	4-26-02		NRI
35	2	Primary Water Supply to PZR Relief Tank	4-26-02		NRI
36	2	Accumulator Tanks Nitrogen Supply Header	4-26-02		NRI
37	2	Accumulators Sample Header	5-26-02		NRI
38	2	Fuel Transfer Tube to Refueling Canal	5-14-02		NRI
39	2	Auxiliary Steam Containment Penetration	5-8-02		NRI
40	2	Firewater Supply Before Containment	5-22-02		NRI

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SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT (1R11)

MAJOR ITEM: PRESSURE TESTS

ASME SECTION XI SYSTEMS - CLASS 1 & 2

PAGE 5 of 5

TEST	CLASS	DESCRIPTION	EXAM COMMENTS	
NO.			DATE ,	RESULTS
41	2	Refueling Canal Water Inlet	5-14-02	NRI
42	2	Reactor Coolant Drain Tank Nitrogen Sup	5-2-02	NRI
43	2	Reactor Coolant Drain Pumps Discharge Header	5-22-02	NRI
44	2	Inside Cont Instrument Air Supply Header	4-26-02	NRI
45	2	Service Air Penetration Header	5-1-02	NRI

SECTION F PRESERVICE INSPECTION ITEMS

SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT (1R11) ASME SECTION XI SYSTEMS - CLASS 1 & 2 PRESERVICE INSPECTION ITEMS						MAJOR ITEM: PSI	
			*			PAGE 1 of 2	
CATEG	GORY	COMPONENT /	WELD OR	EXAM	EXAM		
ITEM	DESCRIPTION	LINE	COMPONENT NO.	TYPE	DATE	COMMENTS	RESULTS
B-G-2						·	
B7.50	U1 Pipe Flange Bolting	S6-729-6	RV-8010A Inlet Flg: (12 Studs & Nuts)	VT-1	5-16-02		NRI
	U1 Pipe Flange Bolting	S6-728-6	RV-8010B Inlet Flg: (12 Studs & Nuts)	VT-1	5-16-02		NRI
	U1 Pipe Flange Bolting	S6-727-6	RV-8010C Inlet Flg: (12 Studs & Nuts)	VT-1	5-16-02		NRI
B7.70	Pzr RV-8010A Inlet	S6-729-6	RV-8010A: 8 Bonnet Studs & Nuts	VT-1	5-16-02		NRI
	Pzr RV-8010B Inlet	S6-728-6	RV-8010B: 8 Bonnet Studs & Nuts	VT-1	5-16-02		NRI
	Pzr RV-8010C Inlet	S6-727-6	RV-8010C: 8 Bonnet Studs & Nuts	VT-1	5-16-02		NRI
	Safety Inj Loop 1 Hot Leg	S6-235-6SPL+	V-8949A: 12 Studs & Nuts	VT-1	4-3-02		NRI
	Safety Inj Loop 2 Hot Leg	S6-236-6SPL+	V-8949B: 12 Studs & Nuts	VT-1	4-3-02		NRI

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(1R11)	SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT MAJOR ITEM: PSI (1R11) ASME SECTION XI SYSTEMS – CLASS 1 & 2 PRESERVICE INSPECTION ITEMS								
						PAGE 2 of 2			
CATEGORY		COMPONENT /	WELD OR	EXAM	EXAM				
ITEM	DESCRIPTION	LINE	COMPONENT NO.	TYPE	DATE	COMMENTS	RESULTS		
B7.70 Cont'd	Safety Inj Loop 3 Hot Leg	S6-237-6SPL+	V-8949C: 12 Studs & Nuts	VT-1	4-3-02		NRI		

SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT (1R11)

MAJOR ITEM: PSI SUPPORTS

ASME SECTION XI SYSTEMS – CLASS 1 & 2 PRESERVICE INSPECTION ITEMS

PAGE 1 of 1

CATEGORY

FA

SUPPORTS

F1.10 TO F1.70

SUPPORT COMPONENTS

The required preservice inspections were performed on 6 supports during the eleventh refueling outage.

LINE	SUPPORT	
14	11-135SL	
55	22-155SL	
60	22-242SL	
121	14-53SL	
554	1048-1R	
3279	16-75SL	

SECTION G REPAIRS AND REPLACEMENTS

	ic Gas and Electric				1	Date	July 1, 2002 1 of	- · · · · · · · · · · · · · · · · · · ·
7	7 Beale Street, Sar	Francisco, C.	A 94106			Sheet _	1 of	2
O Dist	1- C D 1	D1 4			**	•.		
2. PlantDiab	lo Canyon Power I	Plant	1		Ur	11t	<u>l</u>	
P.O.	Box 56, Avila Bea	acii, CA 93422	†					
3. Work Perform	ed by Owne	o r						
5. WOIN I CHOIM		bove			Re	enair Org	P.O No, Job No, etc	
					•••	-pu 0.6	110 110,000 110,000	
4. Identification of	of System Feed	lwater (system						
<i></i>			(See I	Below - Code St	amp Column	1)		
5. (a) Applicable	Construction Code	l I	9Edit	tion	Addenda, C	Code Case	es N/A	16.1
(b) Applicable	Edition of Section	XI Utilized for	r Kepairs or	Replacements -	- 1 <u>989</u> , <u>No</u>	_ Addend	la, Code Cases N-4	16-1
6. Identification (of components Rep	aired or Replac	ed, and Ke	placement Comp	ponents			
Name of	Name of	Mfrs. Ser.	Nat'l	Work Order	Other	Year	Repaired	ASME Code
Component	Mfr.	No.	bd. No.	No.	Ident.	Built	Replaced, or	Stamped
Component		1	00.7.0.	1.0.	Line No.	Dunt	Replacement	(Yes or No)
FW-1-370	Velan	1886	N/A	C0172764	0575	N/A	Replacement	No (07)
Line 1-554	PG&E	N/A	N/A	C0173392	0554	N/A	Replaced	No (15) *
Line 1-555	PG&E	N/A	N/A	C0173394	0555	N/A	Replaced	No (15) *
Line 1-555	PG&E	N/A	N/A	C0173395	0555	N/A	Replaced	No (15) *
Line 1-557	PG&E	N/A	N/A	C0173397	0557	N/A	Replaced	No (15) *
Line 1-554	PG&E	N/A	N/A	C0176384	0554	N/A	Repaired	No (22) *
Pressure	psi Test Ter	mp	°F				Other	
We certify that the of the ASME Cod (Owner or Owner)	e.Signed <u>1</u>	in this report are	e correct ar	ATE OF COMING this Reparage Tengineering I	ir/Replacemo Manager le)	ent	comforms to Sect 7/22/02 (Date)	ion XI
I, the undersigned,	holding a valid co					Pressure \	Vessel Inspectors	
and the State or Pr	ovince of _Califor	mia,	employed	by H.S.B.I. &	દે I. Co.		-	of
Hartford, CT.		pected the R		acement de	escribed in th	nis Repor	t on <u>7-23</u>	, 20 <u>0Z</u>
and state that to th								
with Section XI of	the ASME Code.	By signing thi	s certificate	, neither the Ins	pector nor hi	s employ	er makes any	
Inspector nor his a	a or implied, conc	erning the repa	ir or replace	ement described	in this Repo	rt. Furth	ermore, neither the or loss of any kind	
arising from or co	mployer shan be nonected with this ir	able ili ally ilia enection	iniei ioi an	y personal injury	y or property	damage	or loss of any kind	
ansing from or con	miceted with this ii	ispection.						
Lanny G	Chim -	Inspector	Aul	123,20	02 Co	mmissior	18 CA 1828 - NB 9	990 A.N.I.C.
Kenny D./Kim	Kim	(Title)		(Date)		(State	or Province, Natio	nal Board)
	al sheets in the for as 1 through 4 on t	m of lists, sket his data report	ches, or dra is included	wings may be us on each sheet, a	sed provided and (3) each s	(1) size i sheet is n	is 8 1/2 x 11 in., (2) umbered and the	

1. Owner Pacific Gas and Electric Company Sheet 2 of 2
P.O. Box 56, Avila Beach, CA 93424 3. Work Performed by Owner See Above Repair Org P.O. No, Job No, etc 4. Identification of System Feedwater (system 03) (See Below - Code 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 - 1989, No Addenda, Code Cases N/A 6. Identification of components Repaired or Replaced, and Replacement Components Name of Name of Mfrs. Ser. Nat'l Work Order Other Year Repaired Replaced, or Stamped Component Mfr. No. No. Ident. Built Replaced, or Replacement (Yes or No)
3. Work Performed by Owner See Above Repair Org P.O. No, Job No, etc 4. Identification of System Feedwater (system 03) (See Below - Code 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 - 1989, No Addenda, Code Cases N/A 6. Identification of components Repaired or Replaced, and Replacement Components Name of Name of Mfrs. Ser. Nat'l Work Order Other Year Repaired ASME Code Component Mfr. No. bd. No. Ident. Built Replaced, or Replaced, or Replacement Component Line No. Replacement (Yes or No)
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See Above Repair Org P.O. No, Job No, etc 4. Identification of System Feedwater (system 03) (See Below - Code 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 - 1989, No Addenda, Code Cases N/A 6. Identification of components Repaired or Replaced, and Replacement Components Name of Name of Name of No. bd. No. No. Ident. Built Replaced, or Stamped Component Mfr. No. bd. No. Line No. Replacement (Yes or No)
(See Below - Code 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 - 1989, No Addenda, Code Cases N/A 6. Identification of components Repaired or Replaced, and Replacement Components Name of Name of Mfrs. Ser. Nat'l Work Order Other Year Repaired ASME Code Component Mfr. No. bd. No. No. Ident. Built Replaced, or Replacement (Yes or No)
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(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1989, No Addenda, Code Cases N/A 6. Identification of components Repaired or Replaced, and Replacement Components Name of Name of Mfrs. Ser. Nat'l Work Order Other Year Repaired ASME Code Component Mfr. No. bd. No. Ident. Built Replaced, or Stamped Line No. Replacement (Yes or No)
Name of Name of Mfrs. Ser. Nat'l Work Order Other Year Repaired ASME Code Component Mfr. No. bd. No. No. Ident. Built Replaced, or Replacement (Yes or No)
Component Mfr. No. bd. No. No. Ident. Built Replaced, or Replacement (Yes or No)
Component Mfr. No. bd. No. No. Ident. Built Replaced, or Replacement (Yes or No)
Line No. Replacement (Yes or No)
FW-1-368 Atwood-Morrill N/A N/A C0177106 0554 N/A Replacement No (07)
9. Remarks (7) Replace Valve Internals (Applicable Manufacturer's Data Reports to be attached)
(Applicable Manufacturer 3 Data Reports to be attached)

1. Owner Paci	fic Gas and Electri	ic Company			T	Date Ji	ıly 1, 2002	
7. Owner <u>- racr</u>	77 Beale Street, Sa	n Francisco, C	A 94106			Sheet	1 of	1
2. Plant <u>Diab</u>	olo Canyon Power . Box 56, Avila Bo	Plant	1		Ur	iit	l	
F.O	. Dux 30, Aviia Di	each, CA 9342	4					
3. Work Perform	ed byOwr	ner						
	See	Above			Re	pair Org P.O	. No, Job No, etc	
4. Identification								
			(See I	Below - Code St	amp Column)		
5. (a) Applicable	Construction Cod	e1	9 Edi	tion	Addenda, C	ode Cases	N/A	
	Edition of Section					Addenda,	Code Cases N/A	<u> </u>
6. Identification	of components Re	paired or Replac	ced, and Re	placement Comp	ponents			
Name of	Name of	Mfrs. Ser	Nat'l	Work Order	Other	Year	Repaired	ASME Code
Component	Mfr.	No.	bd. No.	No.	Ident.	Built	Replaced, or	Stamped
<u>-</u>					Line No.		Replacement	(Yes or No)
11-27SL	PSA	288	N/A	C0166658	0569	N/A	Replacement	Yes (2)
1048-1R	PG&E	N/A	N/A	C0174042	0554	N/A	Replacement	No (2)
1048-2R	PG&E	N/A	N/A	C0174043	0555	N/A	Replacement	No (2)
*	 							
-						İ	<u> </u>	
					ī			
7. Description of	work (2) Rep	place support pa	arts					
8. Tests Conduct	ed: Hydrostatic	Pnet	ımatic	Nominal C	Operating Pre	ssure	Other	
Pressure	psi Test Te	emp	°F					_
9. Remarks		· · · · · ·						
					· · · · · · · · · · · · · · · · · · ·			
			CERTIFICA	ATE OF COMI	PLIANCE			
We certify that the	e statements made	in this report a	re gorrect ar	nd this Repla	acement		comforms to Secti スズ/ロマ	on XI
of the ASME Cod (Owner or Owner	re. Signed 's Designee)	David A. Vosh	urg	Engineering I	vianager		(Date)	
(Owner or Owner	s Designee)	0	CERTIFIC	ATE OF INSP			(Date)	
I, the undersigned						Pressure Ve	ssel Inspectors	
and the State or P				by <u>H.S.B.I. &</u>	Ł I. Co.			of
Hartford, CT. and state that to the		spected the		t de	escribed in th	is Report o	n <u>7-23</u>	2002
with Section XI of								
warranty, express								
Inspector nor his	employer shall be	liable in any ma						
arising from or co	nnected with this	inspection.						
Kenny S_	. Kin	Inspector	4	July 23.	2002 Co	mmissions	CA 1828 - NR 9	990 ANIC
Kenny D. Kim	- /	(Title)	-	(Date)		(State or	CA 1828 - NB 9 Province, Natio	nal Board)
- /		` ,		<i>(</i>		•	. , =	,

1. Owner Pacif	fic Gas and Electric	Company		•	I	Date J	uly 1, 2002	
7	7 Beale Street, San	Francisco, CA	94106			Sheet	uly 1, 2002 1 of	2
2 Plant Diah	olo Canyon Power P	lant		·	IJr	nit	1	
	Box 56, Avila Bea						·	
3 Work Perform	ed by Owner	r						
J. WORLEHOIM	See A				Re	epair Org PC	No, Job No, etc	
4. Identification of	of System Turb	ine Steam Sup	ply System	(System 04)				
	<u> </u>	· · · · · · · · · · · · · · · · · · ·	(See I	Below - Code St	amp Column	1)		
5. (a) Applicable	Construction Code	19	Edit	ion	Addenda, C	Code Cases	N/A	•
(b) Applicable	Edition of Section 2 of components Repa	XI Utilized for pired or Replac	Repairs or ed and Rei	Replacements -	· <u>1989</u> , <u>No</u> nonents	_ Addenda,	Code Cases N/A	1
o. Identification (or components Repa	incu of Replac	cu, anu ico	piacement Comp	ponents			
Name of	Name of	Mfrs. Ser	Nat'l	Work Order	Other	Year	Repaired	ASME Code
Component	Mfr.	No.	bd. No.	No.	Ident.	Built	Replaced, or	Stamped
					Line No.		Replacement	(Yes or No)
MS-1-PCV-22	Copes-Vulcan	6910.95009	N/A	C0172661	1066	N/A	Replacement	No (7)
MS-1-FCV-761	Fisher Controls	4933083	N/A	C0172840	1017	N/A	Replacement	No (7) (8)
MS-1-PCV-19	Copes-Vulcan	6910 95009 22 6	N/A	C0174237	0228	N/A	Replacement	No (7) (8)
MS-1-PCV-20 MS-1-PCV-21	Copes-Vulcan	6910 95009 6910.95009	N/A N/A	C0174254	0227	N/A	Replacement	No (7) (8)
MS-1-PCV-21 MS-1-PCV-22	Copes-Vulcan Copes-Vulcan	6910.95009	N/A N/A	C0174255 C0174289	1065	N/A N/A	Replacement Replacement	No (8)
Pressure	ed: Hydrostatic psi Test Ten	np	°F	Nominal C	Operating Pre	essure	Other	_
•				·				
We certify that the	e statements made i	offis report ar	e correct ar	ATE OF COMI	acement			on XI
of the ASME Cod	le. Signed	عدر مری السیر avid A. Vosbu		Engineering	Manager		7/22/52_ (Date)	
(Owner or Owner	s Designee)			Tit ATE OF INSP			(Date)	
I, the undersigned	, holding a valid cor					Pressure Ve	essel Inspectors	
	rovince of <u>Califor</u>			by <u>H.S.B.I. &</u>	& I. Co.		-	of
Hartford, CT.	have insp		eplacemen				on <u>7-23</u>	, 20 <u>02</u>
	e best of my knowl							
	f the ASME Code.							
	ed or implied, conce employer shall be li							
	nnected with this in		inici ioi an	y personal injur	y or property	uainage oi	1035 Of ally Killu	
1/		•	10	_				
Kenny 5	. Kin	Inspector	Juli	(Date)	2 Co	mmissions	CA 1828 - NB 9	990 A N.I.C.
Kenny D. Kim		(Title)	7	(Date)			r Province, Natio	
information in iter	tal sheets in the form ns 1 through 4 on the is recorded at the to	nis data report						
 			-					

1. Owner Paci	Owner Pacific Gas and Electric Company						Date July 1, 2002 Sheet 2 of 2					
	77 Beale Street, San			Sheet _	2 of	2						
O Blant Dial	ala Camana Danna D	14			T 1	.:. 1						
	<u>olo Canyon Power P</u> D. Box 56, Avila Bea				UI	nit <u>1</u>						
	. Don Do, IIVIII Dou	<u> </u>										
3. Work Perform												
	See Al	bove			Re	epair Org P	.O. No, Job No, etc					
4. Identification	of SystemTurb	ine Steam Sup	oly System	(System 04)								
	-		(See I	Below - Code St								
5. (a) Applicable	Construction Code	19	Edit	tion	Addenda, C	Code Case	s <u>N/A</u>					
	Edition of Section 2 of components Repa					_ Addend	a, Code Cases N	<u>/A</u>				
o. Identification	of components Repa	ned of Replac	cu, anu icc	placement comp	ponents							
Name of	Name of	Mfrs. Ser.	Nat'l	Work Order	Other	Year	Repaired	ASME Code				
Component	Mfr.	No.	bd. No.	No.	Ident.	Built	Replaced, or					
			10.10		Line No.	1	Replacemen					
S/G 1-1	Westinghouse	1041	68-12	C0177271	N/A	N/A	Replacemen					
MS-1-FCV-41 MS-1-FCV-42	SchutteKoerting SchutteKoerting	N690548 N690546	N/A N/A	C0177447 R0131640	0228	N/A N/A	Replacemen Replacemen					
MS-1-5167	AnchorDarling	EA998-1-2	N/A	R0192563	0594	N/A	Replacemen					
MS-1-5166	AnchorDarling	EA998-1-1	N/A	R0213564	0593	N/A	Replacemen					
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9. Remarks (18) Replace Handhole	Bolting, (7) Re	eplace Val	ve Internals, (8)	Replace Bon	net Boltin	ıg					
				's Data Reports				·				
						-						
		· · ·										

					-	Y1	L. 1 2002	
1. Owner Pacif	ic Gas and Electric 7 Beale Street, San	Company	04106			Date Jui	ly 1, 2002	
/	/ Beale Street, San	Francisco, CA	94106		`	Sneet	1 of	1
2 Plant Diah	la Canyon Dayyar D	lant			I In	:. 1		
Z. Plant Diau	lo Canyon Power P Box 56, Avila Bea	ch CA 02424				1t1		·
<u> </u>	Bux 30, Aviia Bea	CII, CA 93424						
3. Work Performe	ed by Owne	•						
J. WOIK I CHOIM	See A	•			Re	nair Org. P.O.	No, Job No, etc	
		0010			Re	pan Oig 1.0	110,300110,000	
4. Identification of	of SystemTurb	ine Steam Supp	oly System	(System 04)				
			(See E	Below - Code Sta	amp Column)		
5. (a) Applicable	Construction Code	19	Edit	ion	Addenda, C	ode Cases	N/A	
	Edition of Section 3					Addenda, C	Code Cases N/A	<u> </u>
6. Identification of	of components Repa	ired or Replac	ed, and Rej	placement Comp	onents			
			,	y		~		Y
Name of	Name of	Mfrs. Ser	Nat'l	Work Order	Other	Year	Repaired	ASME Code
Component	Mfr.	No.	bd. No.	No.	Ident.	Built	Replaced, or	Stamped
					Line No.		Replacement	1
16-20SL	ITT Grinnell	32201	N/A	C0169071	0594	N/A	Replaced	No (3)
10-123SL	PSA	664	N/A	C0169498	3916	N/A	Replaced	Yes (3)
11-87SL	PSA	99 2788	N/A N/A	C0173262	0593 3917	N/A	Replaced	Yes (3)
16-72ASL 10-96SL	PSA PSA	26469	N/A	C0173280 C0177015	3917	N/A N/A	Replaced	Yes (3)
16-72BSL	PSA	683	N/A N/A	C0177013	3913	N/A N/A	Replaced Replaced	Yes (3) Yes (3)
10-72000	IDA	1 003	10/11	C0177133	1 3517	IVA	Теріасси	103(3)
7 Description of	Work(3) Repla	ace Snubber						
,, Description of		ace Brideser						
8. Tests Conducte	ed: Hydrostatic	Pneur	matic	Nominal C	perating Pre	ssure	Other	
	_ psi Test Ten					-		_
	- -	- —	_					
9. Remarks								
		ρ	ERTIFICA	ATE OF COMP	PLIANCE			
We certify that the	statements made	this report ar	e Ørrect ar	id this <u>Repla</u>	cement	c	omforms to Sect	ion XI
of the ASME Cod	e statements made it e. Signed 2's Designee) D		~~~	Engineering N	Manager		122/02	
(Owner or Owner	's Designee) D	avid A. Vosbi	irg	IIII)	e)	•	(Date)	
		•	EKIITIC	ALE OF INSE	ECHON		aal Imamaatana	
	, holding a valid cor covince of Califor			ational Board of byH.S.B.I. &		ressure ves	sei inspectors	of
_Hartford, CT.	have insp		enipioyed eplacement		escribed in th	is Report on	H-73	. 20 02
	e best of my knowl							, 20
	f the ASME Code.							
	ed or implied, conce							
	employer shall be li							
•	nnected with this in	•		, reconding	J. Proporty		or any minu	
1/ /	11.	.1	Λ	0				
Kenny	V. Kem	Inspector	Ye	dy 23, 2	002_ Co	mmissions	CA 1828 - NB 9	990 A.N.I.C.
Kenny D. Kim		(Title)	7	(Date)		(State or	Province, Natio	nal Board)
· 1		• •		, . ,		•	•	•

1. Owner Pacif	ic Gas and Electric 7 Beale Street, San	Company Francisco CA	94106			Date Sheet	July	1, 2002 1 o	f 2
	, Doule Bullet, Built	144,01500, 01	1 7 . 100			-			·
2. Plant Diab	lo Canyon Power Pl Box 56, Avila Beac	ant ch. CA 93424			Un	it	1		 .
**************************************		······································							
3. Work Performe									
	See Al	ove			Re	pair Org	PON	o, Job No., etc	
4. Identification of	f System React	or Coolant (Sy	ystem 07)	Palaw Cada St	oma Columni				
5 (a) Applicable	Construction Code	10		Below - Code Sta			202	N/A	
(b) Applicable	Edition of Section 3	(I Utilized for	Repairs or	Replacements -	1989 No	Adden	da. Co	ode Cases N	-416-1
	f components Repa					, , , , , , , , , , , , , , , , , , , ,	uu, O	740 Cases 1 <u>1</u>	110 1
		•	,		ı				
Name of	Name of	Mfrs. Ser.	Nat'l	Work Order	Other	Year		Repaired	ASME Code
Component	Mfr.	No.	bd. No.	No.	Ident.	Built		Replaced, or	1 -
					Line No.			Replacemen	
RCS-1-8000A	Velan	N/A	N/A	C0176256	1171	N/A		Replacemen	
RCS-1-8000B	Velan	N/A	N/A	C0176257	1172	N/A		Replacemen	
RCS-1-8000C	Velan	N/A	N/A	C0176258	1195	N/A		Replacemen	
RCS-1-8010C	Crosby	SU2C	N/A	C0177325	0727	N/A		Replacemen	
RCS-1-8010 RCS-1-RV-8010A	Crosby Crosby	U12S1 U12S	N/A N/A	R0195223 R0215452	n/a-spare 0729	N/A 1999		Replacemen Replaced	Yes (5) *
100-1-10107	Closby	0125	10/A	R0213432	0129	1999		Replaced	1 52 (2)
	eplace Valve, (7) R Test IAW Code Case			3) Replace Bonn	et Bolting, (9) Repla	ce Fla	inge Bolting	
		·····	FRTIFICA	ATE OF COMI	PLIANCE				
We certify that the	e statements made in	this report ar	e correct ar	nd this Repla	acement		CO	mforms to Se	ction XI
of the ASME Cod	e. Signed	LICON	lan.	Engineering l	Manager		- 7	122/02	
(Owner or Owner)	s Designee) D	avid A. vosbi	ıı g	(Tit) ATE OF INSP	10)		(I	Date)	
I, the undersigned	holding a valid cor	nmission issue	d by the N	ational Board of	f Boiler and F	ressure	Vess	el Inspectors	
and the State or Pr	ovince of <u>Californ</u> have inspe	nia,	employed	by <u>H.S.B.I. &</u>	Ł I. Co.				of
Hartford, CT.	have inspe	ected the R	eplacement	<u>t</u> de	escribed in th				, 20 <u>02</u>
	e best of my knowle	_	•	•					
	the ASME Code. 1								
	ed or implied, conce								
	mployer shall be lia nnected with this ins		nner for an	y personal injury	y or property	damage	or 10	ss of any kind	•
	. Vin		a	ulu23 3	2007	nmissio	ne C	'A 1929 - NE	10000 ANIC
Kenny D. Kim	, conc	(Title)	-	(Date)	<u> </u>	(Stat	e or F	rovince, Nat	ional Board)
/				<i>v</i>					
	al sheets in the form								2)
	ns 1 through 4 on the		is included	on each sheet, a	ina (3) each s	neet is r	numbe	erea and the	
number of Sheets I	s recorded at the top	or mis torin.							

1. Owner Pacif	ic Gas and Electi	ric Company]	DateJ	uly 1, 2002	
7	7 Beale Street, S	an Francisco, CA	4 94106			Sheet	of	2
2. Plant Diab			ı		Ur	nit <u>1</u>		
P.O.	Box 56, Aviia B	Beach, CA 93424						
3. Work Performe	ed by Ow	ner						
	See	Above			Re	epair Org P.C). No, Job No, etc.	
4. Identification of	of System Re	eactor Coolant (S						
5. (a) Applicable	Camatauration Ca	a. 11		Below - Code St			N T/A	
(b) Applicable	Edition of Section	on XI Utilized for	Renairs or	Replacements -	1989 No	Addenda A	, Code Cases N-4	116-1
6. Identification of	of components Re	epaired or Replac	ed, and Re	placement Comp	ponents		, oomo omoos <u>11 </u>	
	- 					~		~
Name of	Name of	Mfrs. Ser.	Nat'l	Work Order	Other	Year	Repaired	ASME Code
Component	Mfr.	No.	bd. No.	No.	Ident. Line No.	Built	Replaced, or Replacement	Stamped (Yes or No)
RCS-1-RV-8010B	Crosby	SU2B	N/A	R0215566	0728	1999	Replaced	Yes (5) *
RCS-1-RV-8010C	Crosby	SU2C	N/A	R0215571	0727	1999	Replaced	Yes (5) *
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9. Remarks (5) I	Replaced Valve	· · · · · · · · · · · · · · · · · · ·				1		
		(Applicable M	anufacturer	's Data Reports	to be attache	ed)	·	
	· · ·			-				
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1. Owner Pacif	fic Gas and	Electric Company	04106		I	DateJ	uly 1, 2002 1 of	
	7 Beale Stre	eet, San Francisco, CA	94106			Sneet	1 of	1
2. Plant Diab	olo Canvon l	Power Plant			Un	nit	1	
		vila Beach, CA 93424					-	
		· · · · · · · · · · · · · · · · · · ·						
3. Work Perform	ed by							
		See Above	_		Re	epair Org P.C	No, Job No, etc	
4. Identification of	of System	Reactor Coolant (Sy	stem 07)					
			(C T	Below - Code St	amp Column)		
5. (a) Applicable	Construction	on Code19	Edit	tion	Addenda, C	Code Cases	N/A	.=
		Section XI Utilized for				_ Addenda,	Code Cases N/A	<u> </u>
6. Identification (or componer	nts Repaired or Replace	ed, and Re	piacement Com	ponents			
Name of	Name of	Mfrs. Ser	Nat'l	Work Order	Other	Year	Repaired	ASME Code
Component	Mfr.	No.	bd. No.	No.	Ident.	Built	Replaced, or	Stamped
					Line No.		Replacement	
15-34SL	PSA	23089	N/A	C0166674	2999	N/A	Replaced	Yes (3)
11-135SL	PSA	29473	N/A	C0177061	0014	N/A	Replaced	Yes (3)
				 	 			
					<u> </u>		:	
								-
7 Description of	Work (2) Donlago Snubbor	-	•	•		•	
7. Description of	WOIK	3) Replace Snubber						
8. Tests Conduct	ed: Hydro	static Pneur	matic	Nominal C	Operating Pre	essure	Other	_
Pressure	psi 7	Test Temp	°F					
0.70								
9. Remarks			<u> </u>					
•								
		CI	ERTIFIC	ATE OF COM	PLIANCE		_	
We certify that the	e statements	made in this report ar	correct a	nd this Replacement	acement		comforms to Sect アクスとんご	ion XI
(Owner or Owner	ie. Signea 's Designee) David A. Vosbu	ira	- Engineering (Tit	Manager le)		(Date)	
(Owner or Owner	3 Designee	•	_	ATE OF INSP	•		(Date)	
I, the undersigned	, holding a	valid commission issue	d by the N	ational Board o	f Boiler and l	Pressure Ve	essel Inspectors	
and the State or P		California ,	employed	by <u>H.S.B.I. &</u>	& I. Co.			of
Hartford, CT.		ave inspected the Re			escribed in th			, 20 <u>02</u>
		y knowledge and belie Code. By signing this						
		d, concerning the repair						
		all be liable in any mar						
arising from or co	nnected wit	h this inspection.		_				
Kannes L	1. K	Inspector	Acc	lu 23. 1	002 C	mmissions	CA 1828 - NB	9990 ANIC
Kenny D. Kim	/ /	(Title)	1	(Date)		(State o	r Province, Natio	onal Board)
,,		(2,000)	•			(· · · · · · · · · · · · · · · · · · ·

1. Owner Pacif	ic Gas and Electric	Company			I	Date	July 1, 2002	
7	7 Beale Street, San	Francisco, CA	4 94106			Sheet	July 1, 2002	of <u>1</u>
0 Di 4 Di-1	1- C D	214			T T	:4	1	
2. Plant Diab	lo Canyon Power I Box 56, Avila Bea	riant ach CA 93424			Un	.it	1	
1.0.	DOX 30, AVIII Dec	icii, C/1 /5424						
3. Work Performe	ed by Owne							
	See A	bove			Re	pair Org P	O No, Job No, etc	•
4. Identification of	of System Che	mical And Vol	ume Contre	ol System (Syste	em 08)			
			(See I	Below - Code St	amp Column)		
5. (a) Applicable	Construction Code	19	9Edit	ion	Addenda, C	ode Cases	N/A	7 416 1
	Edition of Section of components Rep					Addenda	, Code Cases [-416-1
6. Identification (or components Kep	aned of Replac	eu, anu Kej	placement Com	ponents			
Name of	Name of	Mfrs. Ser	Nat'l	Work Order	Other	Year	Repaired	
Component	Mfr.	No.	bd. No.	No.	Ident.	Built	Replaced, o	
7: 140	7007	 	37/4	00165600	Line No.	37/4	Replaceme	
Line 1-43 CVCS-1-8479B	PG&E Rockwell	N/A N/A	N/A N/A	C0165633 C0170764	0043 1468	N/A N/A	Replaced Replaced	No (15) * No (5) *
Line 1-55	PG&E	N/A	N/A	C0175198	0055	N/A	Replaced	No (15) *
			ļ					
8. Tests Conductor	Work <u>(5) Rep</u> ed: Hydrostatic psi Test Te	Pneu	matic °F	Nominal (
We certify that the	e statements made le. Signed	in this report ar	e correct ar	ATE OF COMI nd this Repl Engineering	acement		7/22/02	ection XI
(Owner or Owner	's Designee)	David A. Vosb		(Tit			(Date)	
I the undersigned	, holding a valid co			ATE OF INSP		Pressure V	essel Inspectors	
	rovince of <u>Califo</u>			by <u>H S.B.I. </u>	& I. Co			of
Hartford, CT.			eplacemen		escribed in the			_, 20 <u>02</u>
	ne best of my know f the ASME Code.							
	ed or implied, conc							he
Inspector nor his	employer shall be l nnected with this is	iable in any ma						
Komes C	2 din	Inspector_	Ju	ly 23,	2012—Cor			B 9990 A.N.I.C.
Kenny D. Kim	-, -,	(Title)	7	(Date)		(State	or Province, Na	tional Board)

1. Owner Pacif	ic Gas and Electric	Company			I	Date	July 1, 2	2002	
7	7 Beale Street, San	Francisco, CA	A 94106			Sheet _		of	2
2 Plant Diah	lo Canyon Power P	Plant			I In	it	1		
	Box 56, Avila Bea								
		,							
3. Work Perform	ed by Owne	r					_		
	See A	bove			Re	pair Org	P.O. No , Jo	b No., etc	
4 71	Char		Comtus	1 Cristana (Crista	00)				
4. Identification of	of System Cher	nicai And Voli		Below - Code St					
5 (a) Applicable	Construction Code	10	ibit (selow - Code Si	Addenda C) Iode Casi	es N/	A	
(h) Applicable	Edition of Section	XI Utilized for	Repairs or	Replacements -	· 1989 . No	Addend	la. Code	Cases N/A	Ā
	of components Repa					,	,		
		-							
Name of	Name of	Mfrs. Ser	Nat'l	Work Order	Other	Year		paired	ASME Code
Component	Mfr.	No.	bd. No.	No.	Ident.	Built		placed, or	Stamped
		<u> </u>			Line No.			placement	
15-40SL	PSA	9591	N/A	C0166647	0746	N/A		placed	Yes (3)
12-114SL	PSA	52	N/A	C0166693	0401	N/A		placed	Yes (3)
22-212SL	PSA	7825	N/A	C0166710	0054	N/A		placed	Yes (3)
22-512SL	AnchorDarling	920	N/A	C0169557	0058	N/A		placed placed	No (3)
22-155SL 22-242SL	PSA AnchorDarling	2790 148	N/A N/A	C0173245 C0177261	0055	N/A N/A		placed	Yes (3) No (3)
22-2423L	AnchorDaring	140	11///	C0177201	1 0000	10/1	1.10	Jacca	1110(3)
	_ psi Test Ter								
		2 9	ERTIFIC	ATE OF COM	PLIANCE		_		
We certify that the	e statements made i le. Signed	n this report ar	re correct a	nd this Repa	ir/Replaceme	ent	comfor	rms to Secti えんこ	ion XI
	le. Signed	Novid A. Voob	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				(Date		
(Owner or Owner	s Designee)	David A. Vosb		Tit) CATE OF INSP			(Date	•)	
I, the undersigned	, holding a valid co					Pressure	Vessel In	spectors	
	rovince of Califor			by <u>H.S.B.I.</u> &					of
Hartford, CT.	have insp	ected the R	lepair/Repl	acement d	escribed in th			1-23	, 20 <u>02</u>
	e best of my know								
	f the ASME Code.								
	ed or implied, conc								
	employer shall be li		inner for an	y personal injur	y or property	damage	or loss o	t any kind	
arising from or co	nnected with this ir	ispection.		1 0					
Konnes C	1 Korin	Inspector	7	July 23	2002 Cor	nmissior	s CA 1	828 - NR 9	990 A.N.I.C.
Kenny D. Kim	UN JOU	(Title)		(Date)		(State	or Prov	ince. Natio	onal Board)
		(11110)		//		(21		,	20111)
information in iter	tal sheets in the for ns 1 through 4 on t is recorded at the to	his data report	is included						
									

1. Owner Pacif	ic Gas and Electric	Company			Ţ	Date	July 1, 2002		•
7	7 Beale Street, San	Francisco, CA	A 94106			Sheet	2	of _	2
	lo Canyon Power P				Un	it	1		
P.O.	Box 56, Avila Bea	ch, CA 93424							
3. Work Performe	ed by Owner	r							
	See A	bove			Re	pair Org P.	.O No., Job No,	etc.	
4. Identification of	of System Chem	nical And Volu	ıme Contro	ol System (Syste Below - Code Sta	m 08)	`			
5. (a) Applicable	Construction Code	19		tion			s N/A		
(b) Applicable	Edition of Section	XI Utilized for	Repairs or	Replacements -	19 <u>89</u> , No	_ Addend	a, Code Cases	N/A	
6. Identification of	of components Repa	aired or Replac	ed, and Re	placement Comp	ponents				
Name of	Name of	Mfrs. Ser.	Nat'l	Work Order	Other	Year	Repaired	i7-7	ASME Code
Component	Mfr.	No.	bd. No.	No.	Ident.	Built	Replaced		Stamped
••••••••••••••••••••••••••••••••••••••					Line No.		Replacen		Yes or No)
181-45	Pullman	N/A	N/A	C0177494	0404	N/A	Repaired	1	Vo (4)
		<u> </u>	<u> </u>						
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9. Remarks <u>(4)</u>	Repair Support	(Annliaghla M	anufaaturar	's Data Reports	to be ottoche	-4)			
	•	(Applicable Mi	anuracturei	s Data Reports	to be attache	,u <i>)</i>			

		_			_		1 1 0000	
	ic Gas and Electric					DateJ	uly 1, 2002 1 of	1
	7 Beale Street, San	Francisco, CA	94106			Sneet	of	
2 Plant Diah	lo Canyon Power P	Plant			I In	it	1	
	Box 56, Avila Bea						<u>*</u>	· ··· ···
	20110,111111111111111111111111111111111	, 0.1 70						
3. Work Performe	ed byOwne	r						
	See A	bove	1 89 1		Re	pair Org PC	No, Job No., etc.	
4 Y.1	CCt Cofor	h. Inication (Cr	ratam (III)					
4. Identification of	of System Safet	ly Injection (Sy		Below - Code St	amp Column			
5. (a) Applicable	Construction Code	19	Edit	ion	Addenda, C	ode Cases	N/A	
(b) Applicable	Edition of Section	XI Utilized for	Repairs or	Replacements -	1989, No	Addenda,	Code Cases N-4	16-1
	of components Repa					•		
	r		1-27-52	Y 1337-1-1-	7	r::		T-1-61-61-61-11
Name of	Name of	Mfrs. Ser.	Nat'l	Work Order	Other	Year Built	Repaired Replaced, or	ASME Code
Component	Mfr.	No.	bd. No.	No.	Ident. Line No.	Duilt	Replacement	Stamped (Yes or No)
Accumulator 1-3	Delta Southern	41049-69-1	N/A	C0169083	Nozzle A	N/A	Repair	No (22) *
SI-1-8949C	Velan	N/A	N/A	C0176307	0237	N/A	Replacement	Yes (8)
SI-1-8949A	Velan	N/A	N/A	C0176322	0235	N/A	Replacement	Yes (8)
SI-1-8949B	Velan	N/A	N/A	C0176323	0236	N/A	Replacement	No (8)
			ļ			ļ		ļ
7 Description of	Work (8) Repl	ace Bonnet Bo	lting (22) 1	Renair Mozzle B	lora * Pracciji	re Test IAV	V Code Case N.A.	16-1 NOP
7. Description of	(8) Kepi	ace Boillet Bo	itilig, (ZZ)	Repair Nozzie B	1 1 C 3 C 1 1 C 3 C 1 C 3 C 1 C 1 C 3	ic resum	W Code Case II-4.	10-1 1101
8. Tests Conducte	ed: Hydrostatic	Pneur	matic	Nominal C	Operating Pre	ssure	Other	
Pressure	_ psi Test Ter	np	°F					
9. Remarks								
-		\sim C	ERTIFIC	ATE OF COM	PLIANCE			
We certify that the	e statements made i e. Signed	n this report ar	e confect ar	nd this Repa	ir/Replaceme	ent	comforms to Sect	ion XI
							1/22/02	
(Owner or Owner	's Designee) I	David A. Vosbu		(Tit			(Date)	
I the undersianed	halding a valid oa			CATE OF INSP		Draggura V	accal Increators	
	, holding a valid co rovince of <u>Califor</u>			by <u>H.S.B.I. &</u>		riessure vi	essei mspeciois	of
Hartford, CT.			enlacemen		escribed in th	is Report o	on 7-23	2002
	e best of my know					•		, =
	f the ASME Code.							
	ed or implied, conc							
	employer shall be li		nner for an	y personal injur	y or property	damage or	loss of any kind	
arising from or co	nnected with this ir	ispection.	1	0				
W-16	1/-	Inamanta	1.	lusz .	ഹ ഹ	nmissis==	CA 1828 - NB 9	0000 4 2017
Kenny D. Kim	· pom	Inspector (Title)	- Jw	(Date)			r Province, Natio	
Achiny 19. Achin		(Tine)	/			(Diate 0	i i i o i i i co, i i a i i	mai Doaiuj
Note: Supplemen	tal sheets in the for	m of lists sketa	thes or dra	vings may be u	sed provided	(1) size is	8 1/2 x 11 in (2)	

1. Owner Pacif	ic Gas and Electric	: Company			r	Date J	uly 1, 2002	
7. Owner <u>1 acm</u>	7 Beale Street, San	Francisco CA	94106			Sheet	uly 1, 2002 1 of	1
	/ Board Brider, Bar	11141101000, 01		····			-	
2. Plant Diab	lo Canvon Power I	Plant			Un	it	1	
P.O.	Box 56, Avila Bea	ach, CA 93424						-
	Box Bo, III III Box	, 011						
3. Work Performe	ed by Owne	er						
5. (101112 01101111		bove			Re	pair Org PC	No, Job No, etc	
				_				
4. Identification of	of System Safe	ty Injection (Sy	/stem 09)			 		
			(See I	Below - Code St	amp Column)	27/4	
5. (a) Applicable	Construction Code)19	Edit	ion	Addenda, C	ode Cases	N/A	
(b) Applicable	Edition of Section	XI Utilized for	Repairs or	Replacements -	· 1 <u>989</u> , <u>No</u>	. Addenda,	Code Cases N/A	<u> </u>
6. Identification of	of components Rep	aired or Replac	ed, and Re	placement Comp	ponents			
	T::	-1-3-22	l Nat'l	Work Order	Other	Year	Repaired	ASME Code
Name of	Name of	Mfrs. Ser.	1		Ident.	Built	Replaced, or	Stamped
Component	Ident. No. bd. No. No. Ident. Built Replaced, or Replacement Line No. Replacement							
10.507	Ymm o : 11	21705	N/A	C0166685	0253	N/A	Replaced	No (3)
10-5SL	ITT Grinnell	31785	N/A N/A	C0166683	3844	N/A	Repaired	No (4)
42-41V	PG&E	N/A	IN/A	C0177414	3044	IVA	Repaired	110(1)
· · · · · · · · · · · · · · · · · · ·		<u> </u>	╁		 	-	-	
					-		<u> </u>	
		-			-		_	<u> </u>
	 		-			1		•
7. Description of	Work (3) Rep	lace Snubber, (4) Repair S	upport			· · · · · · · · · · · · · · · · · · ·	
			.•	NT ! 1.0	Du amakim m Dua		Othor	
8. Tests Conduct	ed: Hydrostatic	Pneu	matic	Nominai (Sperating Pre	essure	Onler	_
Pressure	psi Test Te		F					
0. D 1								
9. Remarks				*-		-		-
					-	***	· · · · · · · · · · · · · · · · · · ·	
		<u> </u>	ERTIFIC	ATE OF COM	PLIANCE			
We certify that the	e statements made	in this report at	e correct a	nd this Repa	air/Replacem	ent	comforms to Sect	ion XI
of the ASME Cod	e statements made le. Signed <u>⁄</u>	The Dear	along	Engineering	Manager		7/22/02	
(Owner or Owner		David A. Vosb	urg	(Tit	le)		(Date)	
•	• .	•	CERTIFIC	CATE OF INSP	ECTION			
I, the undersigned	l, holding a valid c	ommission issu	ed by the N	Iational Board o	f Boiler and	Pressure V	essel Inspectors	_
and the State or P	rovince of <u>Califo</u>	ornia,	employed	by H.S.B.I.	& I. Co.			of
Hartford, CT.	have ins	pected the F	Repair/Repl	acement d	lescribed in the	his Report	on <u>7-23</u>	, 20 <u>02</u>
and state that to the	ne best of my know	vledge and beli	ef, this repa	ir or replacemer	nt has been co	onstructed	in accordance	
with Section XI o	f the ASME Code.	. By signing thi	is certificat	e, neither the Ins	spector nor h	is employe	r makes any	
warranty, express	ed or implied, con-	cerning the repa	air or replac	ement describe	d in this Repo	ort. Furthe	more, neither the	
Inspector nor his	employer shall be	liable in any ma	inner for ar	iy personai injur	y or property	damage o	r loss of any kind	
arising from or co	nnected with this i	inspection.	,	1 0				
Komes	a dia	~Inspector		uly 23	2000 Cm	mmissions	CA 1828 - NR 9	990 ANIC
Kenny D. Kim	in pero	(Title)	- //	(Mata)	~~	(State	CA 1828 - NB 9	onal Board)
Kenny D. Kim	•	(Title)	V	y alle,		(Diane)		· · · · · · · · · · · · · · · · · ·

1. Owner Pacif	ic Gas and	Electric (Company			I	Date	July 1, 2002		
7	7 Beale Str	eet, San 1	Francisco, CA	94106			Sheet	1	of	1
2. Plant <u>Diab</u>			ant			Un	it	1		***
P.O.	Box 56, A	vila Beac	ch, CA 93424							
		_								
3. Work Performe	ed by					D.	O D	O No. Joh No.	-4-	
		See Ab	oove		_	Re	pair Org P.	.O. No , Job No ,	elc	
4. Identification of	f System	Resid	ual Heat Remo	oval (Syste	m 10)					
				(See E	Below - Code Sta	amp Column)	7, 24		
5. (a) Applicable	Construction	on Code	19	• Edit	ion	Addenda, C	ode Cases	s <u>N/A</u>		
(b) Applicable	Edition of	Section >	(I Utilized for	Repairs or	Replacements -	· 1 <u>989 , No</u>	Addenda	, Code Cases	<u>N-4</u>	16-1
6. Identification of	of compone	nts Repai	ired or Replace	ed, and Rep	olacement Comp	ponents				
			,		~	4-1000000000	~~~~~			r
Name of	Name of		Mfrs. Ser.	Nat'l	Work Order	Other	Year	Repaired		ASME Code
Component	Mfr.		No.	bd. No.	No.	Ident.	Built	Replaced		Stamped
						Line No.		Replacer		(Yes or No)
RHR-1-RV-8707	Crosby		N72387-00-0001	N/A	R0223039	1167	N/A	Replaced	1	No (5) *
			ļ							
	 			-		-	_			
			<u> </u>			1				
	-					1	 			
	 		 	1	 		1	1		
7. Description of	Work	(5) Repla	ice Valve * Pre	essure Test	IAW Code Cas	e N-416-1 N	OP			
-										
8. Tests Conducte	ed: Hydr	ostatic .	Pneu	matic	Nominal C	Operating Pre	ssure	Other		
Pressure	psi	Test Tem	np	°F						
,										
9. Ŕemarks										
			 ,							
										
					ATE OF COM	PLIANCE				
We certify that the	e statement	s made ir	this report ar	e correct a	nd this Repl	acement		comforms to	Secti	on XI
We certify that the of the ASME Cod	le. Signed	ر. د د	holen	elmy	Engineering :	Manager		7/22/02		
(Owner or Owner	's Designe	e) D	avid A. Vosbi	ırg	(Tit	le)		(Date)		
•	-		•	CERTIFIC	ATE OF INSP					
I, the undersigned	l, holding a	valid cor	nmission issue	d by the N	ational Board o	f Boiler and I	Pressure V	essel Inspect	ors	
and the State or P.			nia,	employed	by <u>H.S.B.I &</u>	& I. Co.				of
Hartford, CT.	ł	nave inspe	ected the R	<u>eplacemen</u>		escribed in th			3_	, 20 <u>02</u>
and state that to the	ne best of m	ıy knowle	edge and belie	f, this repa	ir or replacemen	it has been co	nstructed	in accordance	9	
with Section XI o										
warranty, express										
Inspector nor his				nner for an	y personal injur	y or property	damage o	or loss of any	kınd	
arising from or co	nnected wi	th this in	spection.	^						
Kanna	6,	Wi	-Inspector	6/4	den oa.	2002	nmiccions	-	NR 0	990 A.N.I.C.
Konny D. Vi-	<u></u>	rem	Inspector (Title)		(Data)	~ COI	(State	or Province,	Natio	nal Board)
Kenny D. Kim			(Title)		(Date)		Ulaic	or revince,	. 14610	nai Doai uj

1. Owner Pacif	ic Gas and Ele	ctric Company			Г	ate J	uly 1, 2002		
7	7 Beale Street.	ctric Company San Francisco, CA	94106		<u></u>	Sheet	1	of	1
	<u> </u>								
2. Plant Diab	lo Canvon Pov	ver Plant			Un	it	1		
P.O.	Box 56, Avila	Beach, CA 93424							
		, , , , , , , , , , , , , , , , , , , ,		***					
3. Work Performe	ed by O	wner							
••••••		ee Above			Re	pair Org P.C	No , Job No., e	etc	
4. Identification of	of System	Containment Spray							
			(See E	Below - Code St	amp Column)			
5. (a) Applicable	Construction C	Code19	Edit	ion	Addenda, C	ode Cases	N/A		
		tion XI Utilized for				Addenda,	Code Cases	<u>N-41</u>	6-1
6. Identification of	of components	Repaired or Replac	ed, and Rep	placement Comp	ponents				
	+			T::::	~	Y			101/E 0-1.
Name of	Name of	Mfrs. Ser.	Nat'l	Work Order	Other	Year	Repaired	,	ASME Code
Component	Mfr.	No.	bd. No.	No.	Ident.	Built	Replaced		Stamped
			27/1		Line No.	77/4	Replacen		(Yes or No)
CS-1-8996	Velan	Unk	N/A	C0165017	2653	N/A	Replaced		No (5) *
CS-1-RV-930	ACF Ind.	Unk	N/A	R0223052	SprayAdTk	N/A	Replaced		No (5) *
CS-1-RV-931	ACF Ind.	Unk	N/A	R0227082	SprayAdTk	N/A	Replaced		No (5) *
			<u> </u>		 				
			ļ	ļ		-			
			 	 	 	-	 }		
7 Description of	Work (5)	Replace Valve * F	ressure Te	st IAW Code C	ase N-416-1	NOP			
7. Description of	(101k <u>(2)</u>	11001110 1	10000110 110				-		
8. Tests Conducto	ed: Hvdrosta	tic Pneu	matic	Nominal (Operating Pre	ssure	Other		_
		t Temp				-			
	1		-						
9. Remarks									
J. Romans			-						
		_ C	ERTIFIC.	ATE OF COM	PLIANCE				
We certify that the	e statements m	ade in this report ar	e correct a	nd this <u>Repl</u>	acement		comforms to		
of the ASME Cod	le.Signed _	Mar	Jol-	Engineering	Manager		7/22/02	,	
(Owner or Owner	's Designee)	David A. Vosb	urg 🗡	(Tit	le)		(Date)		
				CATE OF INSP					
		id commission issu	ed by the N	lational Board o	f Boiler and I	Pressure V	essel Inspecto	ors	•
and the State or P				by <u>H.S B.I.</u>	& I. Co.	· D ·		,	of
Hartford, CT.	have		eplacemen		escribed in th				2002
		nowledge and belie						;	
with Section XI o	t the ASME Co	ode. By signing thi	s certificate	e, neither the ins	spector nor ni	s employe	makes any	- +b-	
warranty, express	ea or impliea,	concerning the repa	ar or replac	ement described	in this Repu	domese e	loss of any l	i uic	
		be liable in any ma	imier for an	y personai mjur	y or property	uamage of	loss of ally F	XIII U	
arising from or co	onnected with the	ins inspection.	Λ	^					
Kom C	$\neg \land \mathcal{N}$	A Inconnector	<i>[]</i> .	lusz o	an co	nmissions	CA 1828 -	NR 00	90 A.N.I.C.
Vonny D W:-	1. 100	Inspector (Title)	7/	(Data)	~ <u>CUI</u>		or Province,		
Kenny D. Kim	•	(11tie)	U	(Date)		(State C	a riovince, i	14110	iai Duaiu)
							010 11:	(0)	

1. Owner Pacif	ic Gas and Electric 7 Beale Street, San	Company				Date	July 1, 2002		1	
7	7 Beale Street, San	Francisco, CA	A 94106		`	Sheet	<u>_</u>	OI		
2. Plant Diab	lo Canyon Power P	lant			Un	it	1			
P.O.	Box 56, Avila Bea	ch, CA_93424								
3. Work Performs	ed by Owne	r								
	See A			_	Re	pair Org P.	O No., Job No., e	tc.		
4. Identification of	of System Com	ponent Coolin	g (System 1	14)						
	-		(See F	Below - Code Sta	amp Column) Indo Cosos	NT/A			
5. (a) Applicable (b) Applicable	Construction Code Edition of Section	XI Utilized for	yEdit r Repairs or	Replacements -	Addenda, C 1989, No	ode Cases. Addenda	, Code Cases	N/A		
6. Identification of	of components Repa	aired or Replac	ed, and Re	placement Comp	ponents					
Name of	Name of	Mfrs. Ser.~	T Nat'l	Work Order	Other	Year	Repaired	T	ASME Code	
Component	Mfr.	No.	bd. No.	No.	Ident.	Built	Replaced,	or	Stamped	
		12.620	27/4	C0166661	Line No. 0316	N/A	Replacem Replaced	ent	(Yes or No) Yes (3)	
11-115SL	PSA	13630	N/A	C0100001	0316	N/A	Replaced		163(3)	
		<u> </u>	-		-			\dashv		
7. Description of	Work (3) Rep	lace Snubber								
-				37 1-17	O		Othor			
8. Tests Conduct	ed: Hydrostatic psi Test Ter	Pneu	imatic	Nominal C	Operating Pre	essure	Other _		-	
-										
9. Remarks		·					 .			
			TDTIEIC	ATE OF COM	PLIANCE					
We certify that th	e statements made le. Signed						comforms to	Section	on XI	
of the ASME Coo	de. Signed	David A. Vach	along	Engineering (Tit	Manager		(Date)			
(Owner or Owner	"s Designee)	David A. Vosb		CATE OF INSP			(Date)			
	l, holding a valid co	ommission issu	ed by the N	Vational Board o	of Boiler and	Pressure V	essel Inspecto	rs	of	
and the State or P Hartford, CT.	rovince of <u>Califo</u> have ins		empioyed Replacemen	by <u>H.S.B.I. o</u> nt d	& 1. Co. lescribed in t	his Report	on <u>7-23</u>	<u> </u>	01 20 <i>O</i> Z	
and state that to the	he best of my know	ledge and beli	ef, this repa	ir or replacemen	nt has been co	onstructed	in accordance			
with Section XI of	of the ASME Code. led or implied, cond	By signing the rena	is certiticat air or replac	e, neither the Ins cement describe	spector nor n d in this Repe	is employed ort. Furthe	er makes any ermore, neither	the		
Inspector nor his	employer shall be I	iable in any ma	anner for ar	ny personal injur	y or property	damage o	or loss of any k	ind		
arising from or co	onnected with this i	nspection.	_	0						
Kenny C	2. Kim	Inspector	gu	ly 23, 3	2002_Co	mmissions	CA 1828 -	NB 99	990 A.N.I.C.	
Kenny D. Kim	•	(Title)	0	/(Date)		(State	or Province, l	Natio	nal Board)	
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		•			Τ.	_ 4-	July 1 2002		
1. Owner Pacif	ic Gas and Electric	Company	04106			Date	July 1, 2002 1	of	1
/	7 Beale Street, San	Francisco, CA	94100				1	OI	
2 Dlamt Dight	lo Canyon Power P	ant			I In	it	1		
	Box 56, Avila Beau					···			
<u> </u>	DOX 30, Aviia Deat	II, CA 95424	· · · · · · · · · · · · · · · · · · ·						
3. Work Performe	ed by Owner	•							
J. WOLK I CHIOLING	See Al				Re	pair Org P.	O No, Job No,	etc	
				_		F	,		
4. Identification of	f System Vent	And Air Cond	itioning Sy	stem (23)					
			(See E	Below - Code St	amp Column)			
5. (a) Applicable	Construction Code	19	Edit	ion	Addenda, C	ode Cases	N/A		
	Edition of Section 2					Addenda	, Code Cases	<u>N-4</u>	<u>.6-1</u>
6. Identification of	of components Repa	ired or Replac	ed, and Rep	placement Comp	onents				
	r	1-3-2	7-55-55	T	7-7	T 37			ACME Code
Name of	Name of	Mfrs. Ser	Nat'l	Work Order	Other	Year Built	Repaired		ASME Code
Component	Mfr.	No.	bd. No.	No.	Ident. Line No.	Built	Replaced Replacen		Stamped (Yes or No)
	7007	37/4	27/4	60165404		37/4			
Line 1-3937	PG&E	N/A	N/A	C0175404	3937	N/A N/A	Replaced Replaced		No (22) * No (22) *
Line 1-3936	PG&E	N/A	N/A	C0175406	3936 3936	N/A N/A	Replaced		No (22) *
Line 1-3936	PG&E PG&E	N/A N/A	N/A N/A	C0175522 C0175526	3937	N/A	Replaced		No (22) *
Line 1-3937 VAC-1-FCV-662	FisherControls	16199-2	N/A	C0173320	0647	N/A	Replacen		No (9)
VAC-1-1 C V-002	Tisher Condois	10199-2	IVA	C0177304	1 0047	11/12	Replaces		1,0 ()
8. Tests Conducte Pressure ≥50	Work <u>(9) Repla</u> ed: Hydrostatic psi Test Ten	Pneu	matic <u>X</u>						
Was and Cashas sha	e statements made i			ATE OF COM			comforms to	Secti	on XI
of the ASME Cod	e. Signed	Legott ar	e correct at	Fnoineering	Manager		7/22/02	Been	on Ai
(Owner or Owner		avid A. Vosb		(Tit			(Date)		
(Owner or Owner	s Designee)			ATE OF INSP			(200)		
I, the undersigned	, holding a valid con					Pressure V	essel Inspecto	ors	
	rovince of <u>Califor</u>			by H.S.B.I. &	& I. Co.				of
Hartford, CT.	have insp	ected the R	eplacemen	t d	escribed in th		on <u>17-23</u>		, 20 <u>02</u>
and state that to th	e best of my knowl	edge and belie	f, this repa	ir or replacemen	it has been co	nstructed	in accordance	•	
	f the ASME Code.								
warranty, express	ed or implied, conce	erning the repa	ir or replac	ement described	l in this Repo	ort. Furthe	ermore, neithe	r the	
	employer shall be lis nnected with this in		nner for an	y personal injur	y or property	damage o	or loss of any l	kınd	
Kany L	· //.	- Inspector	ac	elu 23, 2	co2 Cor				990 A.N.I.C.
Kenny D/Kim		(Title)		(Date)			or Province,		

1. Owner Pacif	fic Gas and Electric	Company			I	DateJu	ıly 1, 2002	
7	fic Gas and Electric 7 Beale Street, San	Francisco, C.	A 94106	· · · · · · · · · · · · · · · · · · ·		Sheet	1 of	11
_								
2. PlantDiab	olo Canyon Power P	lant			Un	it	l	
P.O.	. Box 56, Avila Bea	ch, CA 93424	<u> </u>					
3. Work Perform	ed by Owner							
	See A	bove			Re	pair Org P.O	No, Job No, etc.	
A Identification	of System Vent	And Air Con	ditioning St	vstem (23)				
4. Identification (or systemvent	And An Con		Below - Code St	amp Column)	·	<u></u>
5 (a) Applicable	Construction Code	1	9 Edit	tion	Addenda, C	Code Cases	N/A	
(b) Applicable	Edition of Section	XI Utilized for	r Repairs or	Replacements -	1989 No	Addenda,	Code Cases N/A	1
6. Identification	of components Repa	ired or Replac	ced, and Re	placement Comp	ponents	•		
		•			· 			
Name of	Name of	Mfrs. Ser.	Nat'l	Work Order	Other	Year	A	ASME Code
Component	Mfr.	No.	bd. No.	No.	Ident.	Built	Replaced, or	
					Line No.		Replacement	(Yes or No)
2162-28	PG&E	N/A	N/A	C0175404	3937	N/A	Replaced	No (22)
2162-31	PG&E	N/A	N/A	C0175406	3936	N/A	Replaced	No (22)
	ļ							
	<u> </u>	 		 		 		
	 				 	 		·
	 	 -	-	1		·		
7. Description of	Work (22) Mo	dify Support						
-								
8. Tests Conduct	ed: Hydrostatic	Pnet	ımatic	Nominal (Operating Pre	essure	Other	
Pressure	psi Test Ter	mp	°F					
9. Remarks								
.			···					
	· ·							
		(FRTIFIC	ATE OF COM	PLIANCE			
We certify that th	e statements made i	nahik report a	re correct a	nd this Repl	acement	ĺ	comforms to Sect	ion XI
of the ASME Coo	de. Signed	Liller	Islany	Engineering	Manager		7/22/02	
(Owner or Owner		David A. Vosh		(Tit			(Date)	
				CATE OF INSP				
	l, holding a valid co					Pressure Ve	essel Inspectors	•
	rovince of <u>Califor</u>			by H.S.B I.	& I. Co.		H-27	of
Hartford, CT.	have insp	ected the I	Replacemen	<u>it</u> d	lescribed in the	his Report o	on <u>7-2-3</u>	, 20 <u>02</u>
and state that to the	he best of my know	ledge and beli	et, this repa	ir or replacemen	it has been co	onstructed i	n acgordance	
with Section XI o	of the ASME Code.	By signing th	is certificati	e, neimer me ins	spector nor n	is employer	more neither the	
warranty, express	ed or implied, conc employer shall be li	enning the rep	all of Teplac	v perconal injur	u ili illis Kepi	oni. Tunuici Asmane or	loss of any kind	
	onnected with this ir		aillici ioi ai	iy personar nijur	y or property	damage of	1035 Of any Kind	
arising from or co	milected with this it	ispection.	_					
Kanst	r. Koler	Inspector	\mathcal{G}	uly 23.	2002_Co	mmissions	CA 1828 - NB 9 r Province, Natio	990 A.N.I C.
Kenny D/Kim		(Title)	/	(Date)		(State o	r Province, Natio	onal Board)
• /		•	U	//				
Matas Cumplamar	stal cheets in the for	m aflicte cha	tches or dr	awings may be i	ised provided	d (1) size is	8 1/2 x 11 in (2)	

1 Owner Pacif	fic Gas and Electric	Company		· · · · · · · · · · · · · · · · · · ·	D	Date	July 1, 2002		
7. Owner <u>1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 </u>	7 Beale Street, San	Francisco, C	A 94106			Sheet	July 1, 2002 1	of	1
	1 C D	N1 4			T T	:.	1		
	olo Canyon Power F . Box 56, Avila Bea				UII	1t	_1		
<u> </u>	. Box 30, Avna Dea	icii, Ch 7542	<u> </u>						
3. Work Perform	ed by Owne								
	See A	bove			Re	pair Org P.	O. No , Job No ,	etc	
4. Identification	of SystemInco	re Flux Mapp	ing System	(48)	_	_			
			(See I	Below - Code St	amp Column)			
5. (a) Applicable	Construction Code	77 Thiling J.C.	19 Edit	tion	Addenda, C	ode Cases	N/A	N-4	16-1
(b) Applicable	Edition of Section of components Rep	XI Utilized IC aired or Repla	or Repairs or seed, and Res	Replacements -	- 1 <u>989</u> , <u>190</u> ponents	Addenda	, Code Cases	14-4	10-1
o. Identification	or components rep	anca or repla	oou, una re						
Name of	Name of	Mfrs. Ser.		Work Order	Other	Year	Repaired		ASME Code
Component									Stamped (Yes or No)
Seal Table	Westinghouse	N/A	N/A	C0177196	Thimble Tubes	N/A	Repaired		No (22) *
Scar Table	Westinghouse	11//11	 ''''	00177.130	ThimoleTuges				
			1	 	 	-			
	<u></u>	 				-			
8. Tests Conduct	Work (22) Mc ed: Hydrostatic psi Test Ter	Pne	umatic						_
9. Remarks		· · · · · · · · · · · · · · · · · · ·							
-									<u></u>
		<u> </u>	CEŖTIFIC.	ATE OF COM	PLIANCE				
We certify that th	e statements made de. Signed	in this report	are correct a	nd this Repa	air Managar		comforms to		ion XI
(Owner or Owner		David A. Vos	hurg	Engineering (Tit			(Date)		
•	•		CERTIFIC	CATE OF INSP	ECTION				
	d, holding a valid co	ommission iss	ued by the N	Vational Board o	f Boiler and l	Pressure V	essel Inspect	ors	- c
and the State or F Hartford, CT.	Province of <u>Califo</u>		, employed Repair	by H.S.B.I.	& 1. Co. lescribed in th	is Report	on /7-2	3	of . 20 <i>0</i> 7 —
	he best of my know	ledge and bel							, 20 <u>97</u>
with Section XI of	of the ASME Code.	By signing th	nis certificat	e, neither the Ins	spector nor hi	is employe	er makes any		
	sed or implied, cond								
	employer shall be lonnected with this is		anner for an	iy personal injur	y or property	damage o	or loss of any	KING	
		uspection.	Λ	0					
Kamy	S. Kin	Inspector	yu	14 23	200	nmissions	CA 1828 -	NB 9	990 A.N.I.C.
Kenny D. Kijn	•	(Title)		/(Date)		(State	or Province,	Natio	nal Board)
				<i>'</i>		1 /15 -!- •	. 0 10 11 '	(0)	

1 Owner Pacif	ic Gas and Electric	Company			I	Date	July 1, 20	002	
7	ic Gas and Electric 7 Beale Street, San	Francisco, C.	A 94106			Sheet	1	of	1
•						_			
2. Plant Diab	lo Canyon Power	Plant			Ur	nit	1		
P.O.	Box 56, Avila Be	ach, CA 93424	1						
•									
3. Work Perform	ed by Own								
	See A	Above			Re	epair Org	PO No,Job	No., etc	
4 Identification	of SystemWar	ahouca Spara I	Parte (System	m 85)					
4. Identification (of System <u>wa</u>	enouse spare i	ALLS (System	Below - Code St	amn Column	<u>, </u>			" "
5 (a) Applicable	Construction Code	_ 1					es N/A		
(b) Applicable	Edition of Section	XI Utilized fo	r Repairs or	Replacements -	1989 . No	Adden	la, Code C	ases N/A	
	of components Rep					-	,		
					•				
Name of	Name of	Mfrs. Ser	Nat'l	Work Order	Other	Year		aired	ASME Code
Component	Mfr.	No.	bd. No.	No.	Ident.	Built		laced, or	Stamped
-			 		Line No.		Rep	lacement	(Yes or No)
S/C 95-1995	Copes Vulcan	N/A	N/A	C0173683	Plug	N/A		aired	No (22)
S/C 95-1995	Copes Vulcan	N/A	N/A	C0174584	Plug	N/A	Rep	aired	No (22)
						 			
					ļ	 			
 			 	ļ	-	-			
	ļ		-	 					
7 Description of	Work (22) Re	furbish Inner P	Ույց						
7. Description of	(22) 1tt	141010111111111111111111111111111111111	<u>,5</u>			 			
8. Tests Conduct	ed: Hydrostatic	Pnet	ımatic	Nominal (Operating Pro	essure _	Ot	her	
	psi Test Te								
9. Remarks			e4.						
			···-						
				4 mm on cole					
337	e statements made	: 41/2 0	ERTIFIC.	ATE OF COM			comfor	ns to Sect	ion VI
we certify that in	e statements made le. Signed	in this report a	re correct a	Engineering	air Manager		7/22	115 10 3001 L/02	IOII XI
(Owner or Owner		David A. Vost		Clighteering (Tit			(Date)		·
(Owner or Owner	3 Designee)			CATE OF INSP	•		(2000)		
I, the undersigned	l, holding a valid c					Pressure	Vessel Ins	pectors	
	rovince of Califo			by H.S.B.I.				•	of
Hartford, CT.	have ins	pected theI	Repair	d	lescribed in t				, 20 <u>02</u>
	ne best of my know								
with Section XI o	f the ASME Code	. By signing th	is certificat	e, neither the Ins	spector nor h	is emplo	yer makes	any	
warranty, express	ed or implied, con	cerning the rep	air or replac	ement described	d in this Rep	ort. Furtl	nermore, n	either the	
	employer shall be		anner for ar	iy personal injur	y or property	y damage	or loss of	any kind	
arising from or co	onnected with this	inspection.	^	0					
Komens	Cr. Vin	Inspector	() 2	elu 23.	2007_50	mmissio	ns CA 18	28 - NR 9	990 ANIC
Kenny D Kim	- 1 perm	(Title)	- 1 -	(Date)		(State	e or Provi	nce. Natio	990 A N.I.C. onal Board)
Acting D. Jeill		(Title)	V			(~:		,	 /
,									

SECTION H CONTAINMENT EXAMINATIONS

DIABLO CANYON POWER PLANT - UNIT 1

SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT MAJOR ITEM: CONTAINMENT EXAMINA (1R11) CONTAINMENT EXAMS								
						PAGE 1 of 1		
CATEG ITEM	GORY DESCRIPTION	COMPONENT / LINE	WELD OR COMPONENT NO.	EXAM TYPE	EXAM DATE	COMMENTS	RESULTS	
E-A						·		
E1.11	Containment Liner	Liner	Liner	General Visual	5-15-02		NRI	

SECTION I AUGMENTED EXAMINATIONS

P	G	æ	E
r		œ	r,

DIABLO CANYON POWER PLANT - UNIT 1

SECOND INTERVAL, SECOND PERIOD, SECOND REFUELING OUTAGE REPORT (1R11) CONTAINMENT EXAMS PAGE 1-51										
						PAGE 1 of 1				
CATEO ITEM	GORY DESCRIPTION	COMPONENT / LINE	WELD OR COMPONENT NO.	EXAM TYPE	EXAM DATE	COMMENTS	RESULTS			
Augmer	nted									
	RC Pump 1-3 Flywheel	RC Pump 1-3 Flywheel	RC Pump 1-3 Flywheel & Keyway	UT	5-7-02		NRI			