

**INSERVICE INSPECTION REPORT FOR
THE UNIT 1 SEVENTH REFUELING OUTAGE**

9602230212 960215
PDR ADOCK 05000275
G PDR



Diablo Canyon Power Plant

Unit 1

USNRC Docket No. 50-275

Operating License No. DPR-80

Commercial Operation Date, May 7, 1985

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



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SECTION A.

INTRODUCTION



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SECTION A

INTRODUCTION

Inservice inspection (ISI) of scheduled ASME Section XI Class 1 and 2 components and their supports at Pacific Gas and Electric Company's Diablo Canyon Power Plant (DCPP) Unit 1 was completed during the 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.

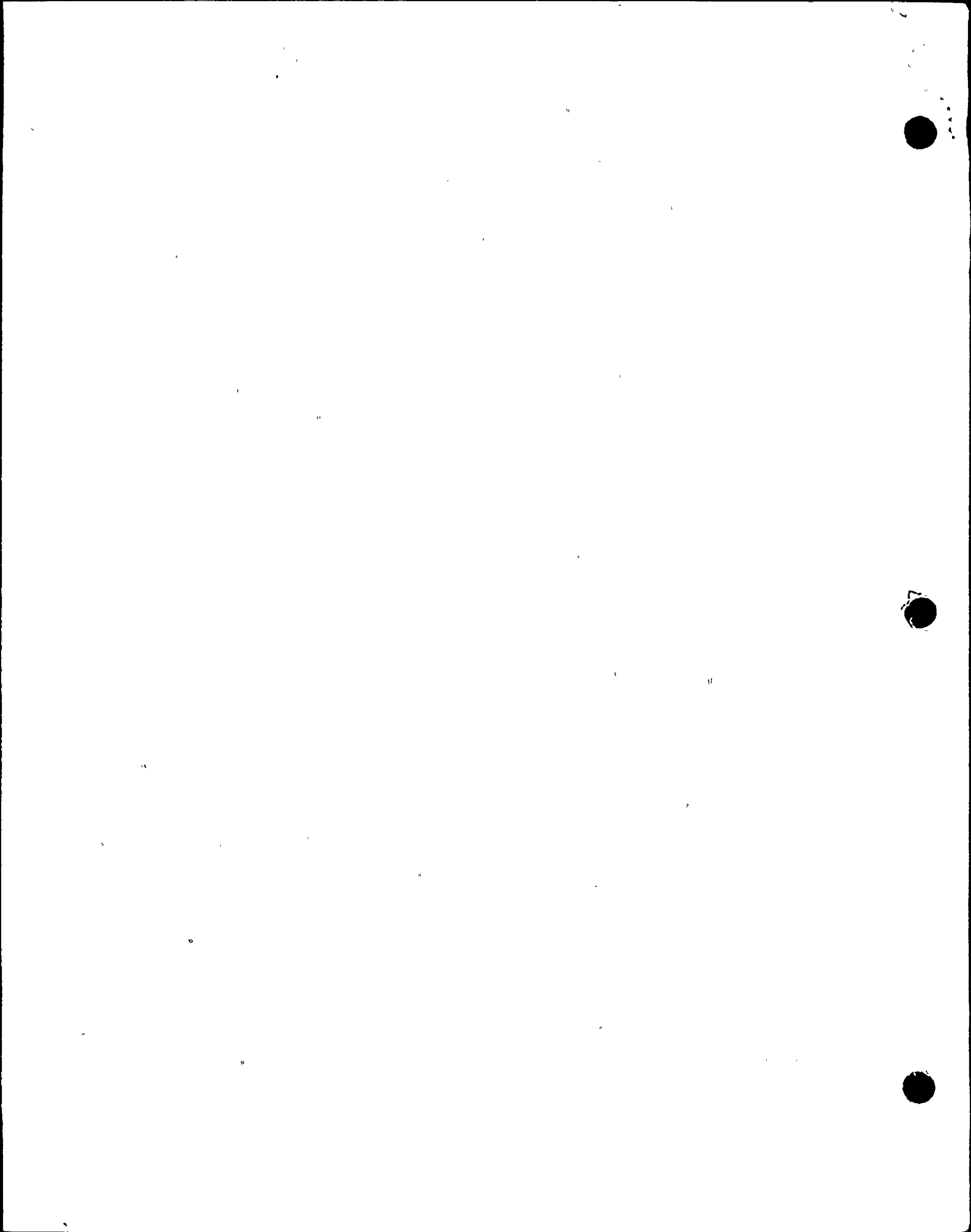
System pressure tests on Class 1 and 2 systems conducted during 1R7 are reported in Section E.

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

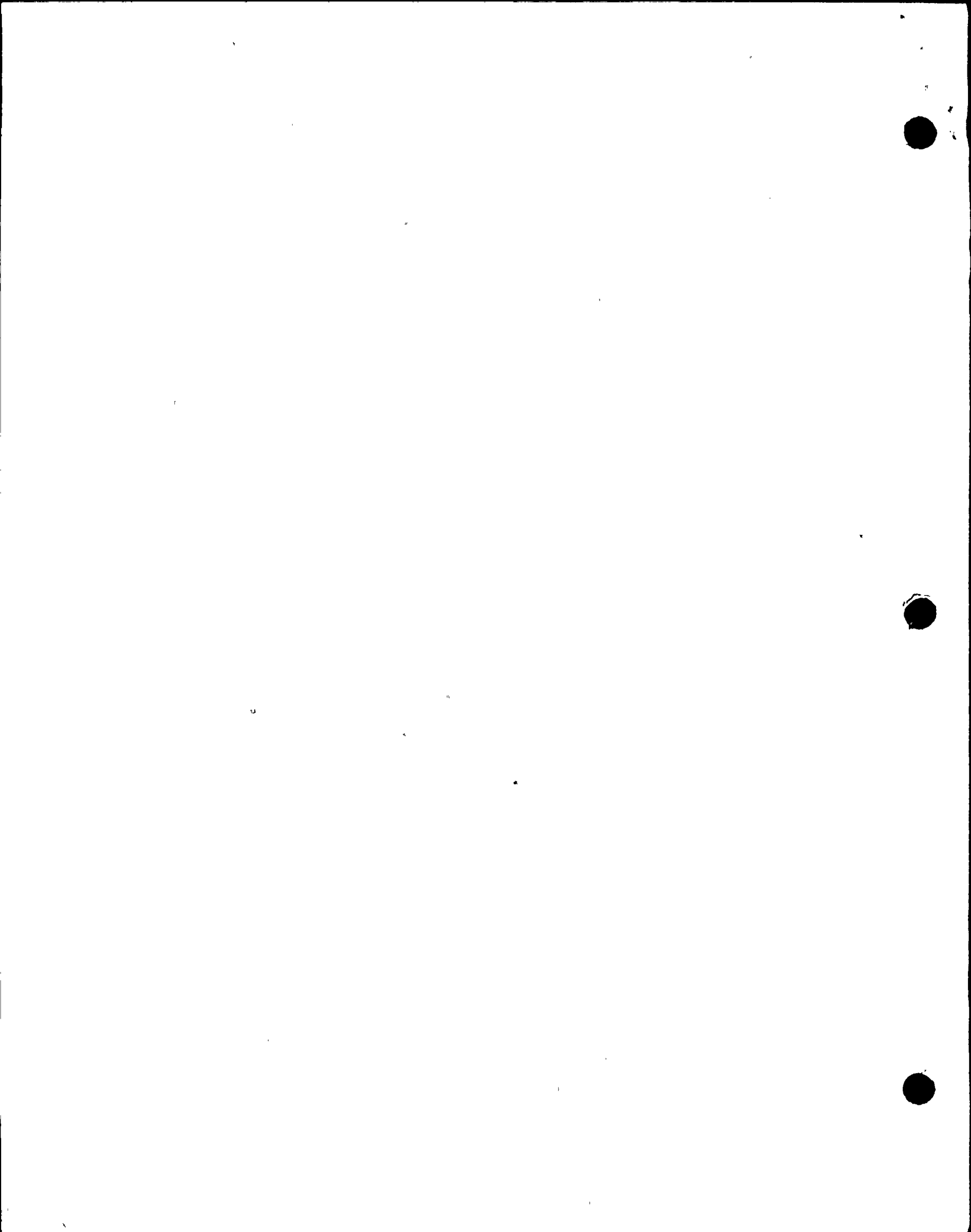
Section G of this report, Repairs and Replacements, contains the completed ASME Code Data Report Form NIS-2 for those 1R7 work packages closed prior to December 26, 1995 and for any pre-1R7 work packages closed after June 22, 1994. NIS-2 reports for 1R7 work packages which are closed after December 26, 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.

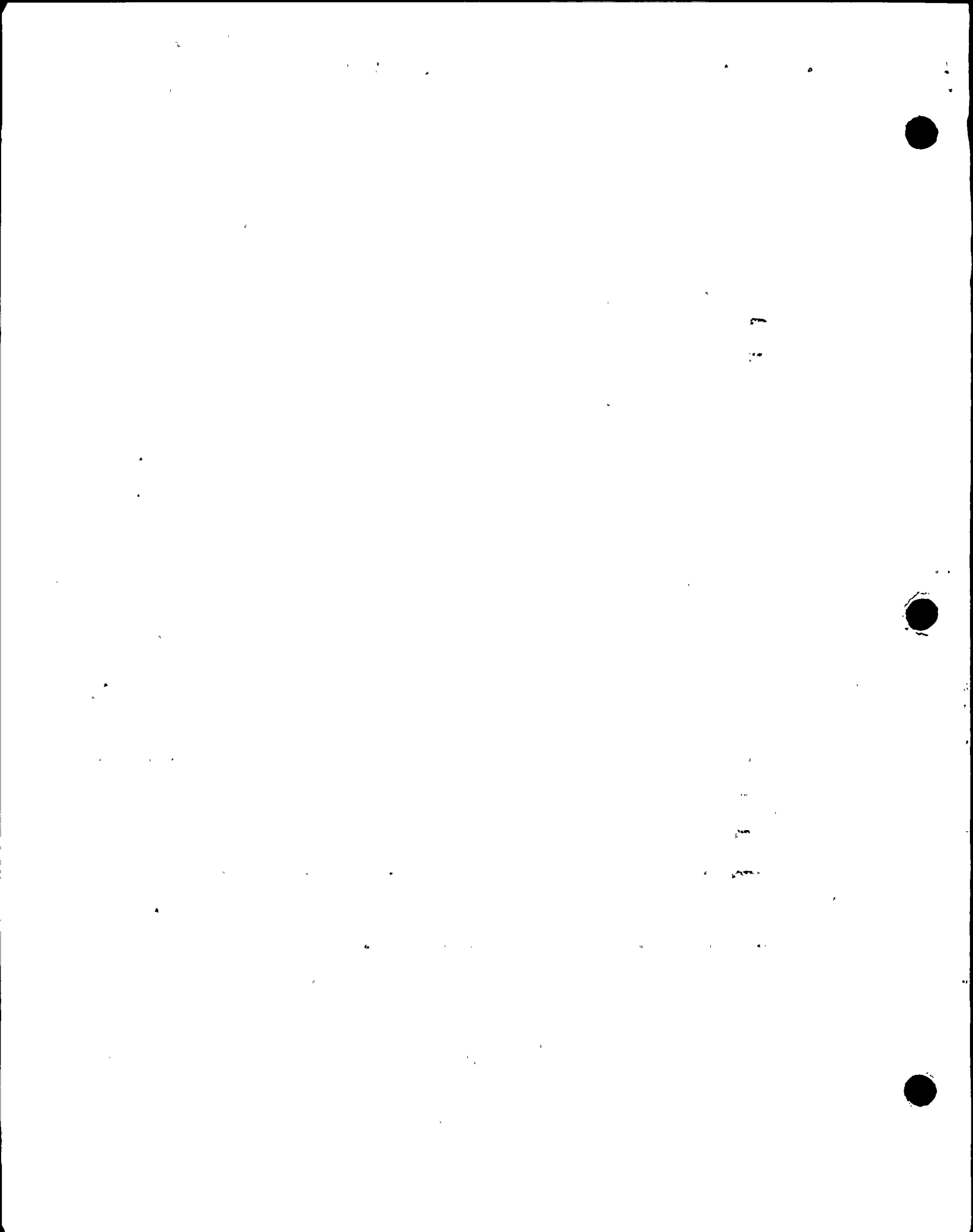


WIB-RC-3-6SE, WIB-RC-4-5SE, WIB-RC-4-6SE, WIB-RC-3-12, WIB-RC-4-12, WIB-302A, WIB-RC-3-11.5 A/B and WIB-RC-4-11.5 A/B . To ensure compliance with the periodic inspection schedule provided in ASME Section XI Table IWB-2412-1, NRC approval of these welds for inclusion into the relief request NDE-008 is 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.



SECTION B.

ASME CODE DATA REPORT FORM NIS-1



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 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)

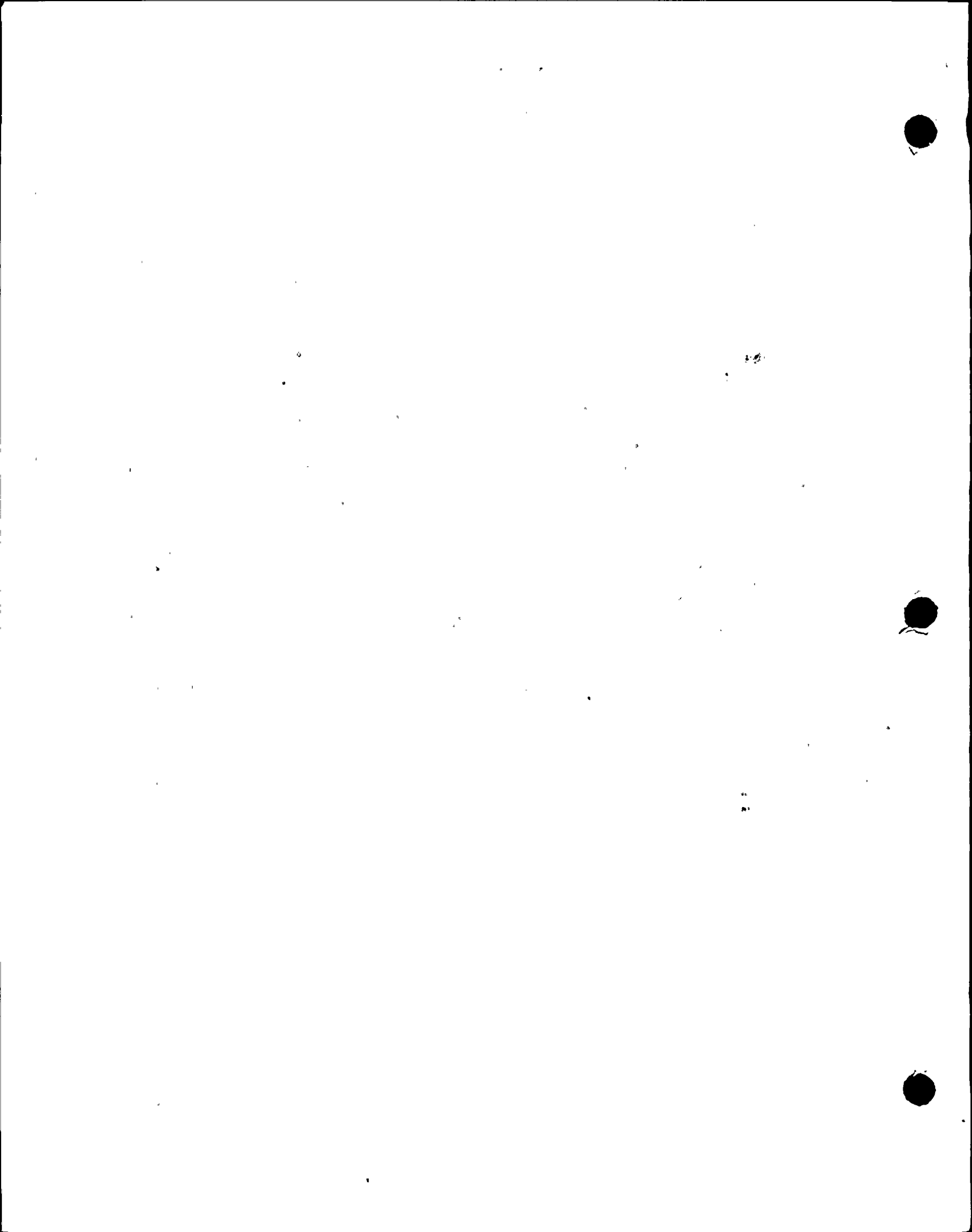
3. Plant Unit One 4. Owner Certificate of Authorization (if required) N/A

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 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
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 8½ in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.



FORM NIS-1 (back)

- 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.

Date FEB 2 19 96 Signed ENGINEERING DIR. By [Signature]
Owner

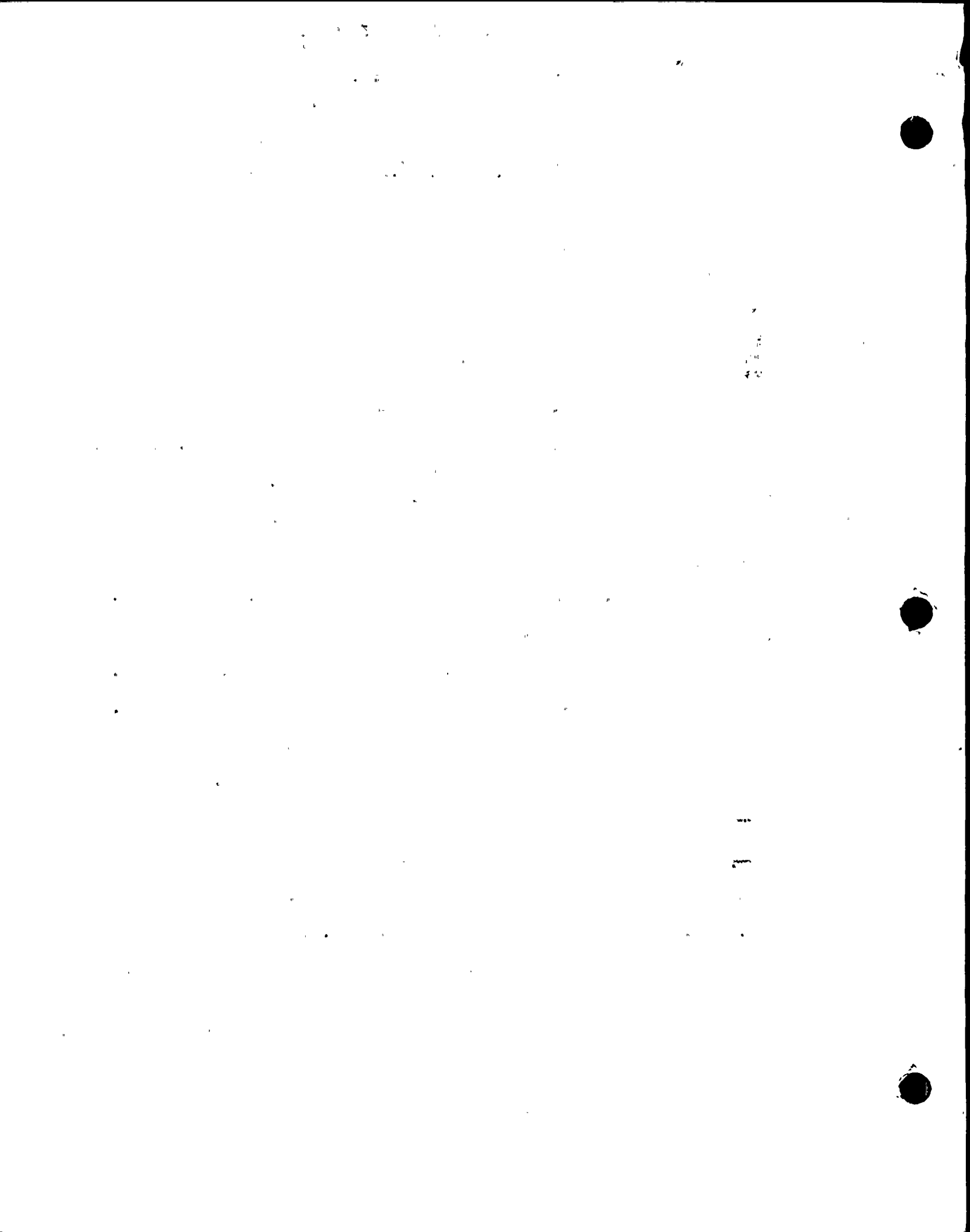
Certificate of Authorization No. (if applicable) N/A Expiration Date N/A

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 California and employed by H.S.B.I. & I. Co. of Hartford CT. have inspected the components described in this Owners' Data Report during the period 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 96
[Signature] Commissions CA 1826, NB 9990
Inspector's Signature Kimney D. Kim National Board, State, Province and No.



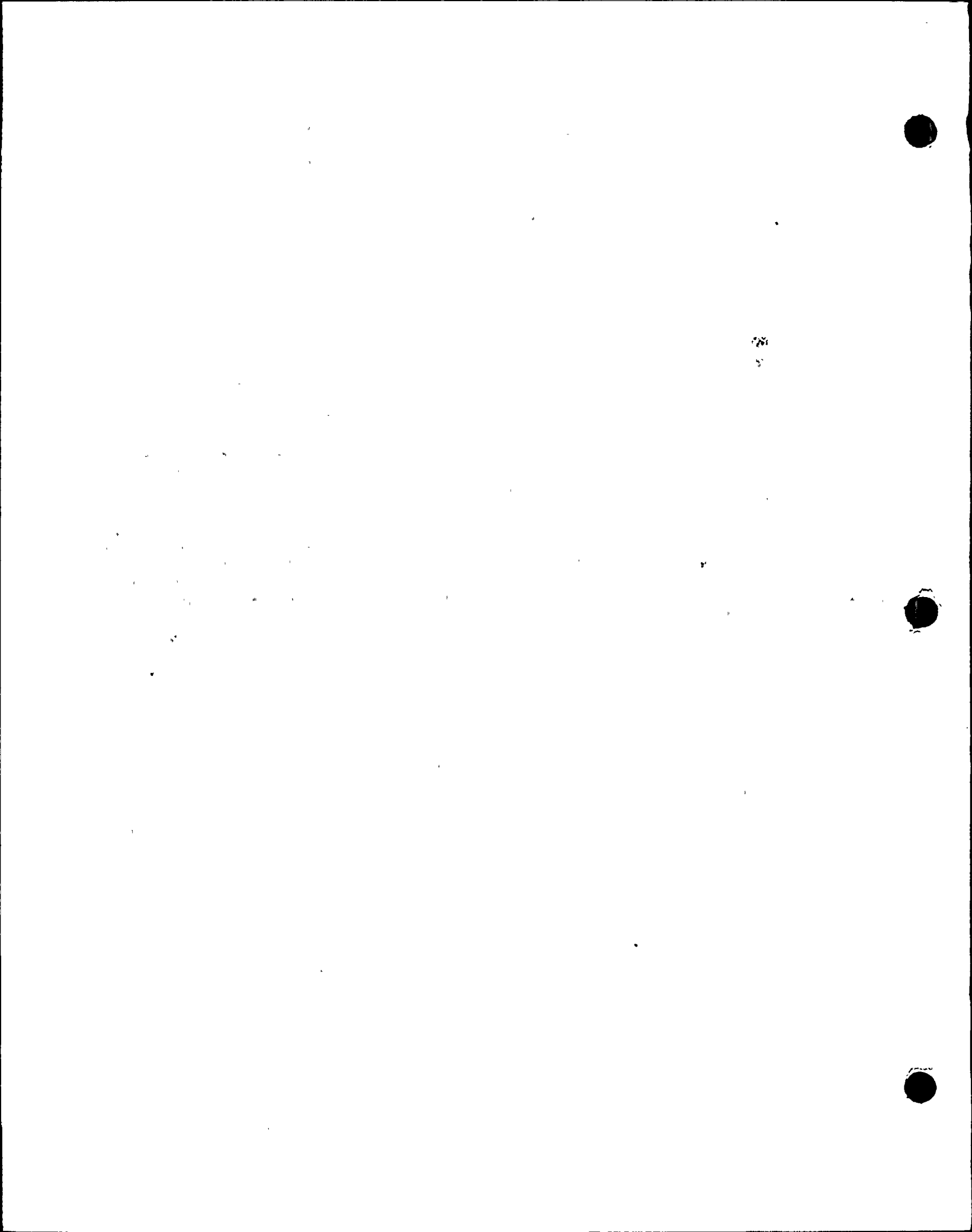
FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner Pacific Gas & Electric Company, 77 Beale St., San Francisco, CA 94106
 (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 One 4. Owner Certificate of Authorization (if required) N/A
5. Commercial Service Date 05/07/85 6. National Board Number for Unit N/A
7. Components Inspected ASME Code Class 2 Items

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Steam Gen 1-4	Westinghouse	1044	N/A	68-15
Excess Letdown HX 1-1	Atlas	853	N/A	704
Regenerative Heat Exchanger	Joseph Oat & Sons	1831-3III	N/A	425
Suction Pulsation Damp	Commerical Energy Products Corp.	0001	N/A	N/A
Centrifugal Chg. Pps. 1-2	Pacific Pumps	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	N/A

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.



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- 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.

Date FEB 2 19 96 Signed ENGINEERING DIR. By [Signature]
Owner

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 California and employed by H.S.B.I. & I. CO. of Hartford, CT. have inspected the components described in this Owners' Data Report during the period 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 96

[Signature] Commissions CA 1826, NB 9990
Inspector's Signature National Board, State, Province and No.
Raney D. Kim



SECTION C.

CLASS 1 COMPONENTS



THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: REACTOR VESSEL

ASME SECTION XI SYSTEMS - CLASS 1

TABLE: 1.1

PAGE: 1 of 1

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	<u>REACTOR VESSEL S/N: C.E. 66104</u>					
B-A	<u>PRESSURE RETAINING WELDS</u>					
B1.22	<u>MERIDIONAL WELDS</u>	<u>WELD NO.</u>				
	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% RELIEF # NDE 002	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% RELIEF # NDE 002	10/5/95
B1.30	<u>SHELL TO FLANGE WELD</u>	<u>WELD NO.</u>				
		7-442 (FROM FLANGE)	UT	FROM STUD HOLES 12 - 14, & 27	WELD 7-442 EXAM AREA 76%	10/7/95
B1.40	<u>HEAD TO FLANGE WELD</u>	<u>WELD NO.</u>				
		6-446A	UT	33-1/3% (182")	WELD 6-446-A EXAM AREA >95% FROM HEAD SIDE RELIEF # NDE 003	10/10/95
B-G-1	<u>PRESSURE RETAINING BOLTING LARGER THAN 2" DIAMETER</u>					
B6.40	<u>FLANGE LIGAMENTS</u>					
	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	<u>PRESSURE RETAINING BOLTING 2" DIAMETER AND LESS</u>					
B7.10	<u>MARMON CLAMPS</u>					
	MARMON CLAMPS (BOLTS, STUDS, & NUTS)	ISO 1.1-1 CONOSEAL BOLTS	VT-1	15 BOLTS		10/26/95



PG&E

DIABLO CANYON POWER PLANT - UNIT 1

THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

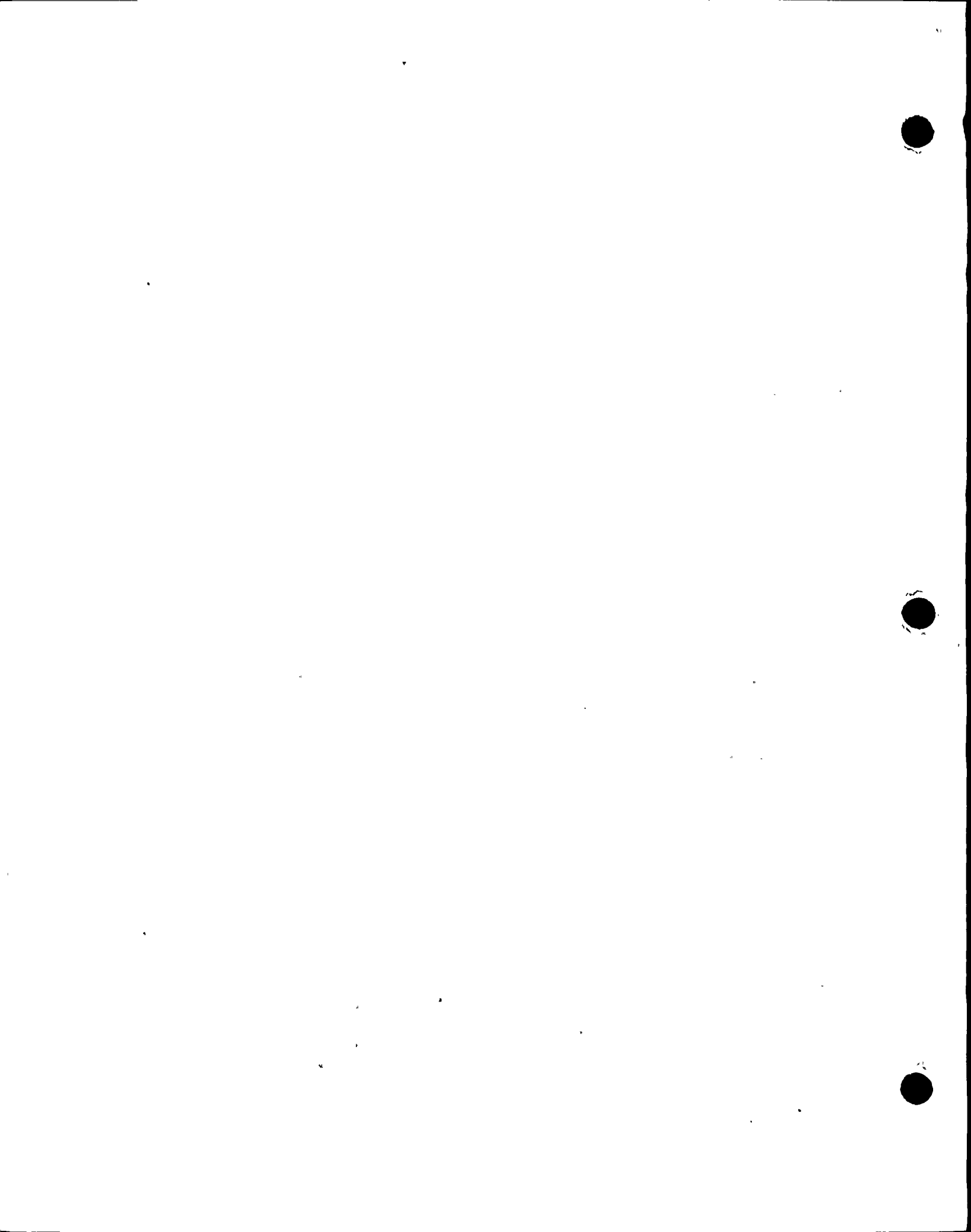
MAJOR ITEM: PRESSURIZER

ASME SECTION XI SYSTEMS - CLASS 1

TABLE: 1.2

PAGE: 1 of 1

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	<u>PRESSURIZER VESSEL S/N: W_1051</u>					
B-B	<u>PRESSURE RETAINING WELDS IN VESSELS OTHER THAN REACTOR</u>					
B2.11	<u>CIRCUMFERENTIAL</u>	ISO 1.2-1				
	BOTTOM HEAD TO LOWER COURSE	WELD NO. GIRTH WELD 1	UT	33-1/3% (97")	EXAM AREA 96%	10/17/95
B-H	<u>VESSEL SUPPORTS</u>					
B8.20	<u>INTEGRALLY WELDED ATTACHMENTS (SUPPORT)</u>					
	SUPPORT SKIRT	WELD NO. GIRTH WELD 10	UT	33-1/3% (97")	EXAM AREA 100%	10/19/95



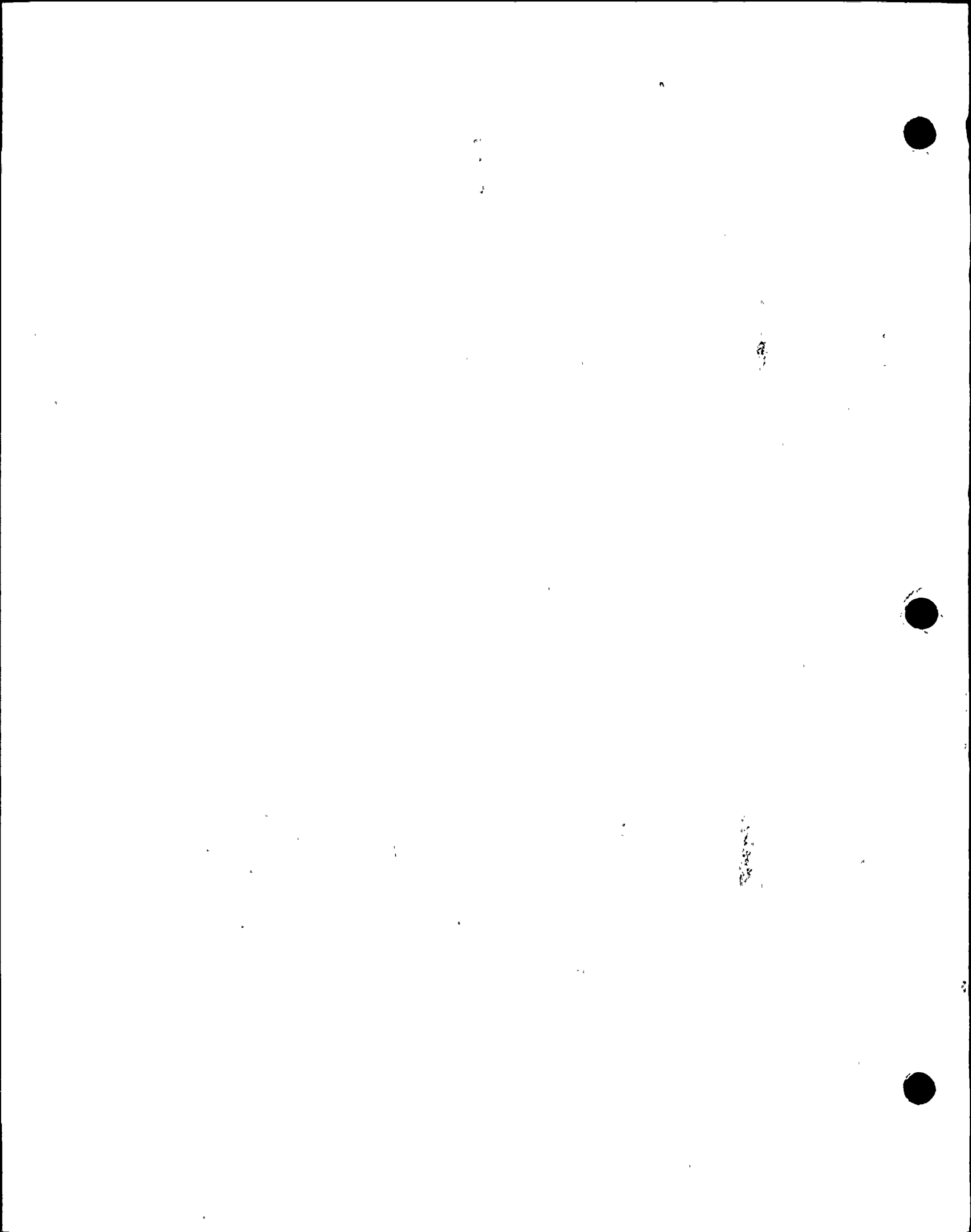
THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: STEAM GENERATORS

ASME SECTION XI SYSTEMS - CLASS 1

TABLE: 1.3PAGE: 1 of 1

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	<u>STEAM GENERATORS</u>					
B-B	<u>PRESSURE RETAINING WELDS IN VESSELS OTHER THAN REACTOR</u>					
B2.40	<u>TUBESHEET TO HEAD WELDS</u>	<u>WELD NO.</u>				
	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
B-G-2	<u>PRESSURE RETAINING BOLTING 2" DIAMETER AND LESS</u>					
B7.30	<u>BOLTS, STUDS, AND NUTS</u>					
	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



THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: STEAM GENERATORS

ASME SECTION XI SYSTEMS - CLASS 1

TABLE: 1.3CATEGORY B-Q STEAM GENERATOR TUBINGPAGE: 1 of 1ITEM 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	WEXTX 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



THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

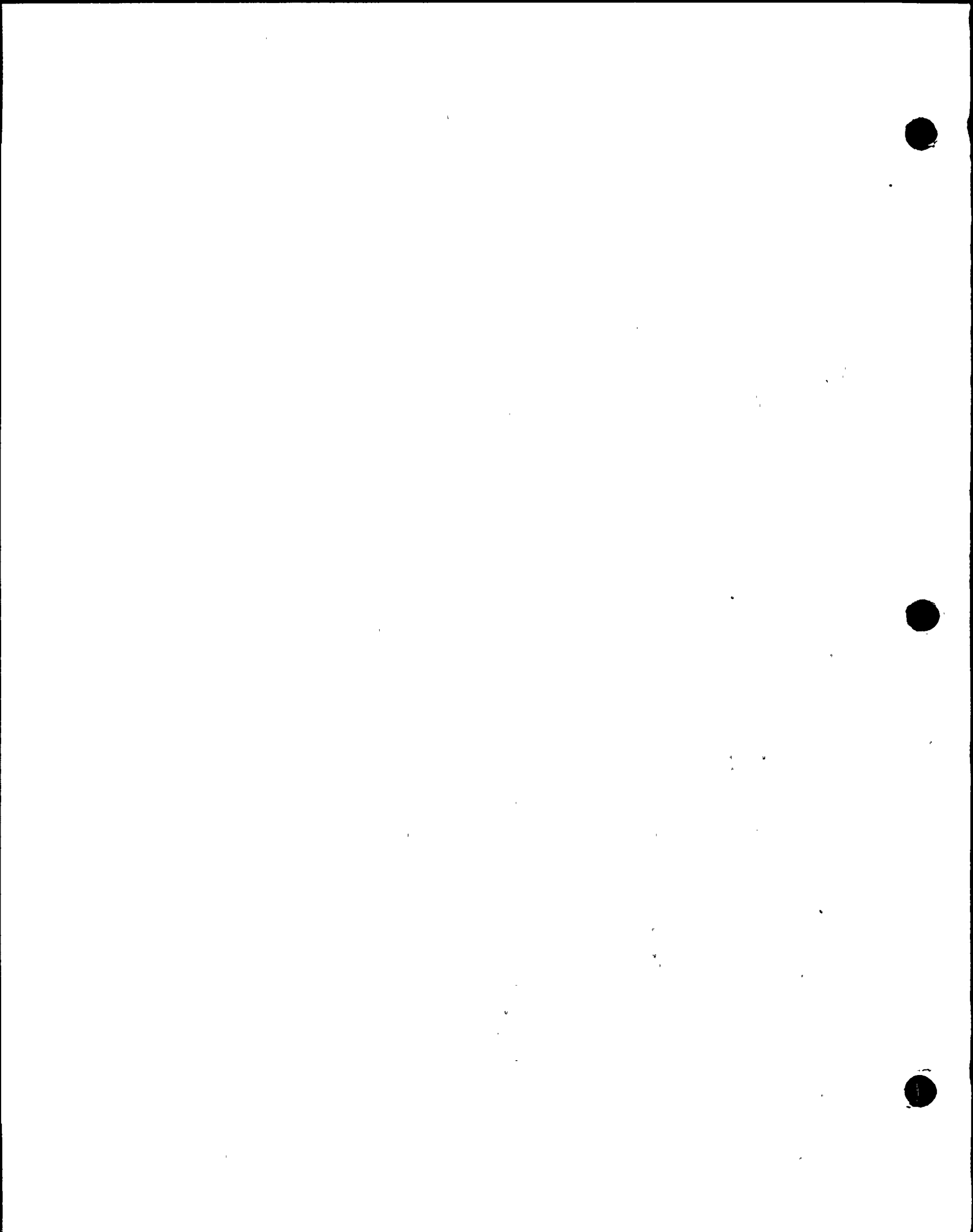
MAJOR ITEM: PIPING (S.E.) WELDS (R-F)

ASME SECTION XI SYSTEMS - CLASS 1

TABLE: 1.4

PAGE: 1 of 1

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	<u>PIPING - CLASS 1</u>					
B-F	<u>PRESSURE RETAINING DISSIMILAR METAL WELDS</u>					
B5.50	<u>PIPING SAFE END WELDS</u>					
	<u>PRESSURIZER</u>	<u>WELD NO. & LINE NO.</u>				
	PRESSURIZER SPRAY LINE (ISO 1.4-29)	WIB-374-SE S6-15-4SPL	UT	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
	<u>STEAM GENERATOR</u>	<u>WELD NO. & LINE NO.</u>				
	<u>STEAM GENERATOR 1-3</u> 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
	<u>STEAM GENERATOR 1-3</u> 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
	<u>STEAM GENERATOR 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



PG&E

DIABLO CANYON POWER PLANT - UNIT 1

THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PIPING BOLTING (B-G)

ASME SECTION XI SYSTEMS - CLASS 1

TABLE: 1.4

PAGE: 1 of 1

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE

PIPING - CLASS 1 CONTINUED

B-G-2 PRESSURE RETAINING BOLTING 2" DIAMETER AND LESS

B7.50 BOLTS, STUDS, AND NUTS

1.5 INCH DIAMETER PIPE

LINE & FLANGE NO.

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

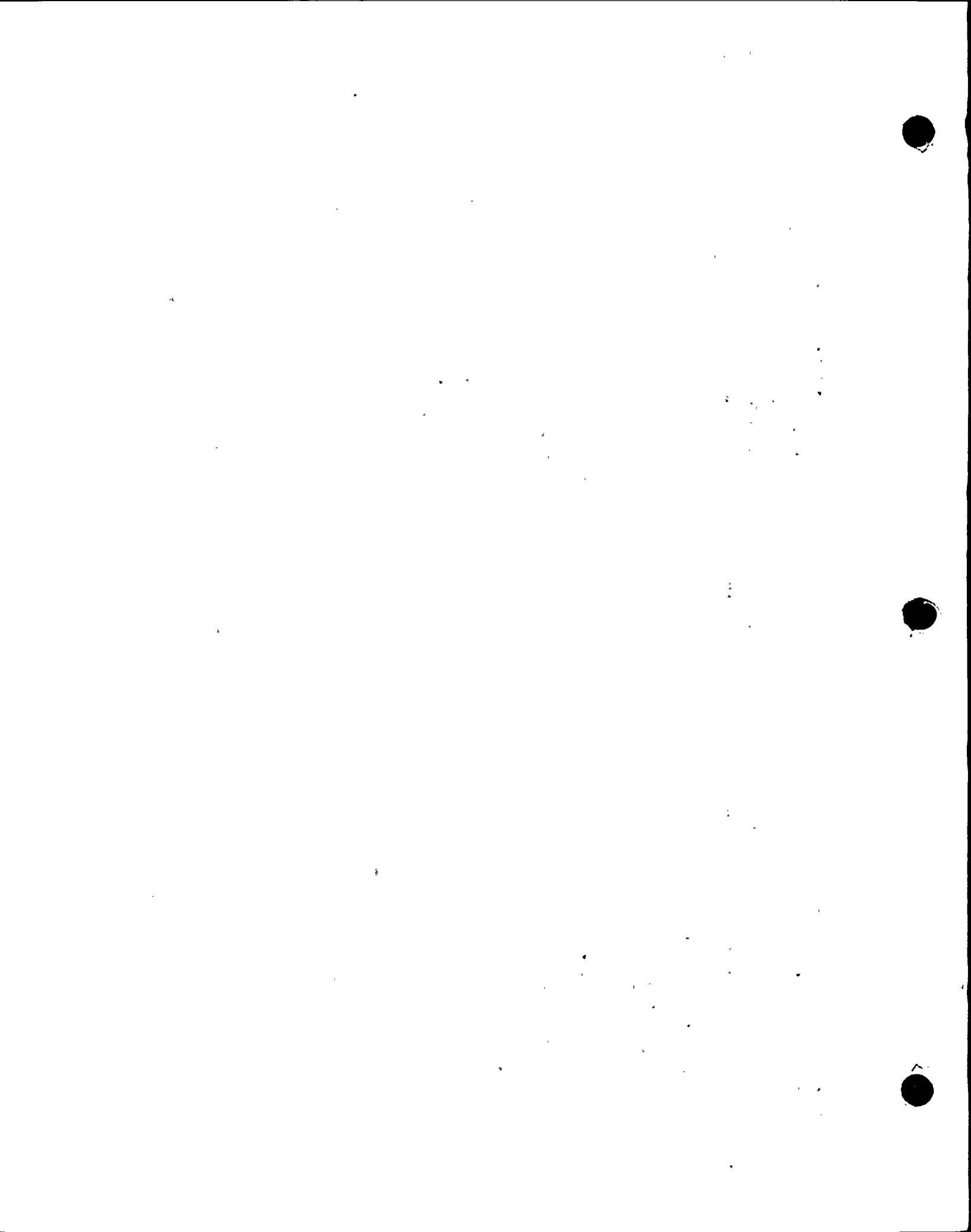
10/2/95

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



THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

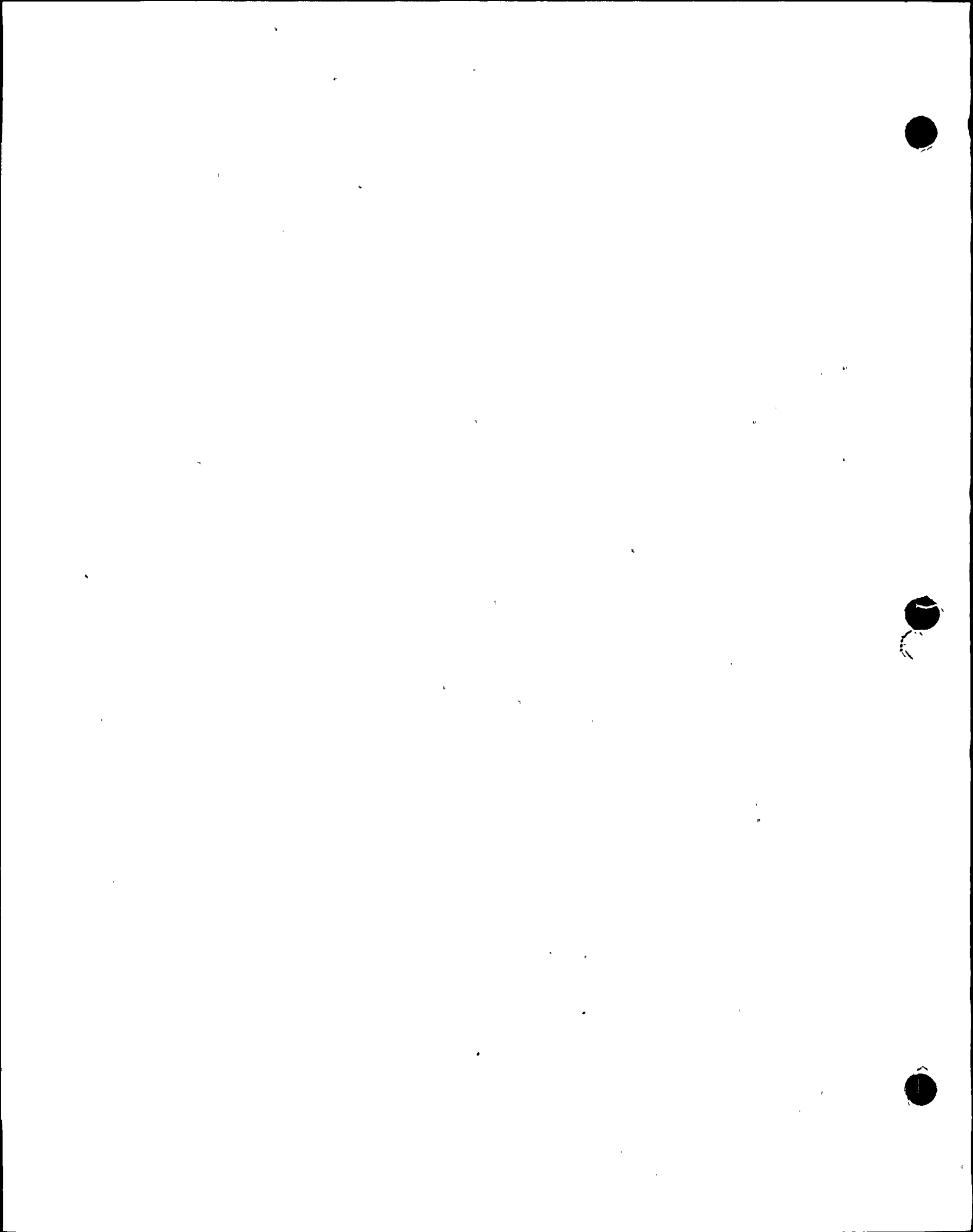
MAJOR ITEM: PIPING WELDS (B-J)

ASME SECTION XI SYSTEMS - CLASS 1

TABLE: 1.4

PAGE: 1 of 5

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS	DATE
PIPING - CLASS 1 CONTINUED						
B-J	PRESSURE RETAINING WELDS IN PIPING					
B9.10, B9.11, B9.12	4 INCH & GREATER CIRC. AND LONGITUDINAL WELDS					
	3 1/2 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 CONFIGURATION	10/20/95
			PT		WELD WIB-RC-3-12 & LONG SEAMS	10/1/95
	REACTOR COOLANT PP SUCT LOOP 4	*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 COUNTER BORE & ELBOW GEO.	10/20/95
			PT		WELD WIB-RC-4-12 & LONG SEAMS	10/1/95
	1 1/2 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 NOM. DIAMETER	LINE NO. & ISLDWG. NO.				
	SIS TO RCS LOOP 2 HOT LEG	S6-2576-8 (ISO 1.4-12)	UT		WELD WIB-87 EXAM AREA 98%	10/3/95
			PT		WELD WIB-87	10/3/95



THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PIPING WELDS (B-J)

ASME SECTION XI SYSTEMS - CLASS 1

TABLE: 1.4PAGE: 2 of 5

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
<u>PIPING - CLASS 1 CONTINUED</u>						
B-J	<u>PRESSURE RETAINING WELDS IN PIPING CONTINUED</u>					
B9.10, B9.11, B9.12	<u>1/2 INCH & GREATER I. CIRC. AND LONGITUDINAL WELDS CONTINUED</u>					
	<u>6 INCH NOM. DIAMETER</u>	<u>LINE NO. & ISI DWG. NO.</u>				
	SAFETY INJ. LOOP 1 HOT LEG	S6-235-6SPL + (ISO 1.4-13)	UT		WELD WIB-12	10/3/95
			PT		WELD WIB-12	10/3/95
	SAFETY INJ. LOOP 4 HOT LEG	S6-238-6SPL (ISO 1.4-6, 1.4-16)	UT		WELD WIB -233	10/13/95
			PT		WELD WIB -233	10/1/95
	<u>4 INCH NOM. DIAMETER</u>	<u>LINE NO. & ISI DWG. NO.</u>				
	LOOP 2 SPRAY LINE	S6-14-4SPL (ISO 1.4-25, 1.4-28)	UT		WELD WIB-441	10/13/95
			PT		WELD WIB-441	10/1/95
			UT		WELD WIB-444	10/13/95
			PT		WELD WIB-444	10/1/95
			UT		WELD WIB-439	10/3/95
			PT		WELD WIB-439	10/3/95



THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PIPING WELDS (B-J)

ASME SECTION XI SYSTEMS - CLASS 1

TABLE: 1.4

PAGE: 3 of 5

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 CONTINUED					
B9.20	LESS THAN 4 INCH NOM. DIAMETER					
B9.21	3 INCH NOM. DIAMETER	LINE NO. & ISL DWG. NO.				
	CHARGING LINE LOOP 4	S6-246-3SPL (ISO 1.4-34)	PT		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)	PT		WELD WIB-113	10/1/95
B9.30	BRANCH PIPE CONNECTION WELDS					
B9.31	NOMINAL PIPE SIZE GREATER THAN 2 INCH					
	3 INCH NOM. DIAMETER	LINE NO. & BRANCH WELD				
	LETDOWN LINE LOOP 2 (ISO 1.4-2, 1.4-37)	S6-24-3SPL WIB-RC-2-12	PT		WELD WIB-RC-2-12	10/1/95
B9.32	NOMINAL PIPE SIZE 2 INCH & LESS NOM. DIAMETER					
	2 INCH NOM. DIAMETER	LINE NO. & BRANCH WELD				
	LOOP 4 COLD LEG DRAIN RCDT	S6-961-2SPL+ WIB-338A	PT		WELD WIB-338A	10/1/95
	1.5 INCH NOM. DIAMETER	LINE NO. & BRANCH WELD				
	CHARGING INJ OUT LOOP 4 COLD LEG	S6-1994-1.5SPL+ WIB-117A	PT		WELD WIB-117A	10/19/95



THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PIPING WELDS (B-J)

ASME SECTION XI SYSTEMS - CLASS 1

TABLE: 1.4

PAGE: 4 of 5

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
<u>PIPING - CLASS 1 CONTINUED</u>						
B-J	<u>PRESSURE RETAINING WELDS IN PIPING CONTINUED</u>					
B9.40	<u>SOCKET WELDS</u>					
	<u>2 INCH NOM. DIAMETER</u>	<u>LINE NO. & ISL DWG. NO.</u>				
	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
			PT		WELD WIB-992	10/2/95
	REAC COOL PP 4 SEAL WTR IN	S6-57-2 (ISO 1.4-45)	PT		WELD WIB-1016	10/1/95
			PT		WELD WIB-1010	10/1/95
	LOOP 2 COLD LEG DRAIN RC DT	S6-959-2SPL + (1.4-47)	PT		WELD WIB-143	10/1/95
	LOOP 4 COLD LEG DRAIN RC DT	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	PT		WELD WIB-454	10/4/95



THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

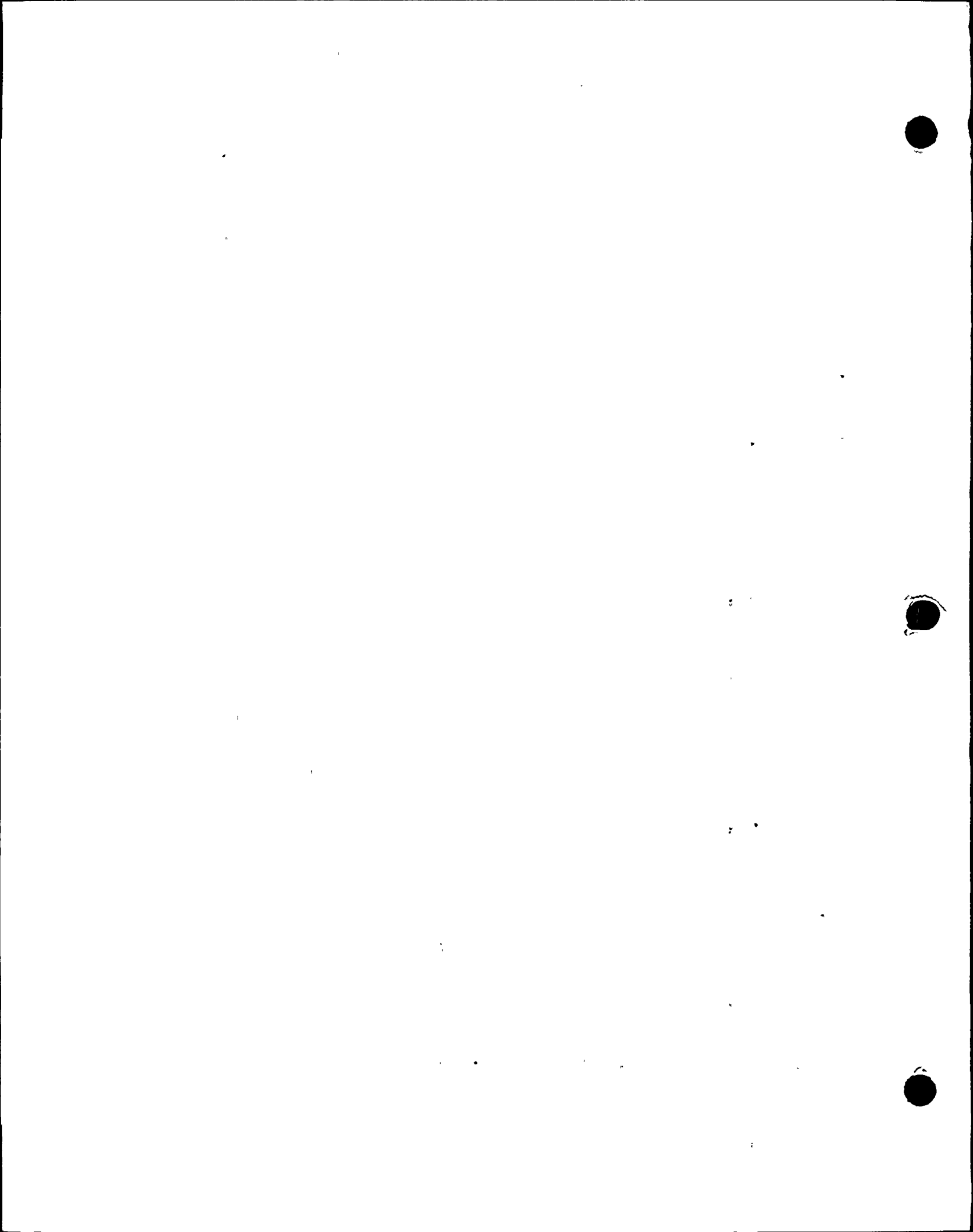
MAJOR ITEM: PIPING_WELDS (B-J)

ASME SECTION XI SYSTEMS - CLASS 1

TABLE: 14

PAGE: 5 of 5

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	<u>PIPING - CLASS 1 CONTINUED</u>					
B-J	<u>PRESSURE RETAINING WELDS IN PIPING CONTINUED</u>					
B9.40	<u>SOCKET_WELDS CONTINUED</u>					
	<u>1.5 INCH NOM. DIAMETER</u>	<u>LINE NO. & ISLDWG. NO.</u>				
	CHARGING INJ OUT LOOP 1 COLD LEG	S6-1991-1.5SPL + (1.4-65A)	PT		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)	PT		WELD WIB-162	10/2/95
			PT		WELD WIB-173	10/1/95
			PT		WELD WIB-181	10/1/95
			PT		WELD WIB-187	10/1/95
			PT		WELD WIB-182	10/1/95
			PT		WELD WIB-189	10/1/95
	CHARGING INJ OUT LOOP 3 COLD LEG	S6-1993-1.5SPL + (1.4-71)	PT		WELD WIB-302A (EXAM AREA 75%) DUE TO PIPE SUPPORT	10/12/95
			PT		WELD WIB-285	10/2/95
			PT		WELD WIB-293	10/2/95
			PT		WELD WIB-277	10/2/95
	CHARGING INJ OUT LOOP 4 COLD LEG	S6-1994-1.5SPL (1.4-65B)	PT		WELD WIB-100	10/2/95



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DIABLO CANYON POWER PLANT - UNIT 1

THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PIPING SUPPORTS (B-K-1, B-K-2)

ASME SECTION XI SYSTEMS - CLASS 1

TABLE: 1.4

PAGE: 1 of 1

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
B-K	PIPING SUPPORTS					
B10.10	SUPPORT ATTACHMENT					
	.10 INCH NOM. DIAMETER	LINE NO. & ISLDWG. NO.				
	ACCUMULATOR INJECTION LOOP 3	S6-255-10SPL + (1.4-10)	PT	ATTACHMENT	SUPPORT 57N-4V	10/24/95
	6 INCH NOM. DIAMETER	LINE NO. & ISLDWG. NO.				
	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



THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PUMPS (B-K-1)(B-K-2)

ASME SECTION XI SYSTEMS - CLASS 1

TABLE: 1.5

PAGE: 1 of 2

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	<u>REACTOR COOLANT PUMPS</u>					
B-G-2	<u>PRESSURE RETAINING BOLTING 2" DIA. AND LESS</u>					
B7.60	<u>BOLTS, STUDS, AND NUTS</u>	<u>SEAL HOUSE BOLTING</u>				
	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
B-K-2	<u>SUPPORT COMPONENTS</u>					
B11.20	<u>SUPPORT COMPONENTS</u>					
	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
	<u>REACTOR COOLANT PUMPS</u>					
B-L-1	<u>PRESSURE RETAINING WELDS</u>					
B12.10	<u>PUMP CASING WELDS</u>					
	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



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DIABLO CANYON POWER PLANT - UNIT 1

THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PUMPS (B-1-1)(B-1-2)

ASME SECTION XI SYSTEMS - CLASS 1

TABLE: 1.5

PAGE: 2 of 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	MT		MT ON TOP, SIDES, & KEYWAY ONLY		10/8/95
RCP 1-4	FLYWHEEL	UT	100%	REACTOR COOLANT PUMP FLYWHEELS		10/8/95



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DIABLO CANYON POWER PLANT - UNIT 1

THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: VALVES

ASME SECTION XI SYSTEMS - CLASS 1

TABLE: 1.6

PAGE: 1 of 1

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	VALVES					
B-G-2	PRESSURE RETAINING BOLTING 2" DIA. AND LESS					
B7.70	BOLTS, STUDS, & NUTS	LINE NO. & VALVE NO.				
	8 INCH NOM. DIAMETER					
	SIS TO RCS LOOP 2 HOT LEG (1.4-12)	S6-2576-8 V-8740B	VT-1	16 STUDS & NUTS 100%	DARLING 8C48Z	10/10/95
	3 INCH NOM. DIAMETER	LINE NO. & VALVE NO.				
	PRESSURIZER POWER RV PCV-474 (1.4-24)	S6-1171-3SPL+ PCV-474	VT-1	8 STUDS & NUTS 100%	MASONEILAN 3IA58GRP	10/6/95
	PRESSURIZER POWER RV PCV-455C (1.4-24)	S6-1172-3SPL+ PCV-455C	VT-1	8 STUDS & NUTS 100%	MASONEILAN 3IA58GRP	10/6/95



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

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

CATEGORY

B-K PIPING SUPPORTS
B-K-2 SUPPORT COMPONENTS
B11.10

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.

<u>SUPPORT</u>	<u>LINE</u>	<u>SUPPORT</u>	<u>LINE</u>	<u>SUPPORT</u>	<u>LINE</u>
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



SECTION D.

CLASS 2 COMPONENTS



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DIABLO CANYON POWER PLANT - UNIT 1

THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PRESSURE VESSELS

ASME SECTION XI SYSTEMS - CLASS 2

TABLE: 2.1PAGE: 1 of 3

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	STEAM GENERATORS					
C-A	PRESSURE RETAINING WELDS					
C1.20	WELDS: HEAD CIRCUMFERENTIAL	GIRTH WELDS				
	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 WELDED SUPPORT 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



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DIABLO CANYON POWER PLANT - UNIT 1

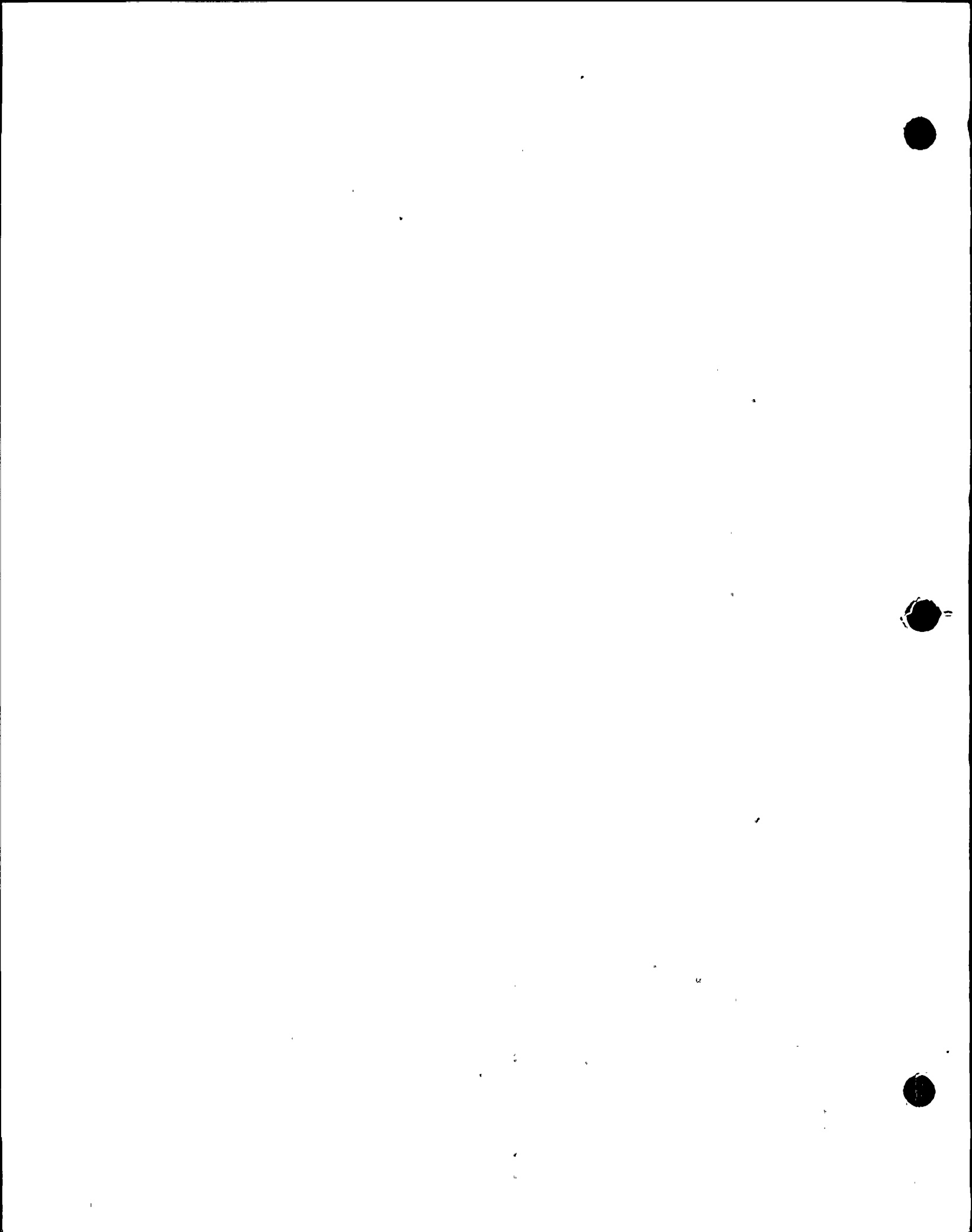
THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PRESSURE VESSELS

ASME SECTION XI SYSTEMS - CLASS 2

TABLE: 2.1PAGE: 2 of 3

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	<u>RESIDUAL HEAT REMOVAL HEAT EXCHANGERS</u>					
C-A	<u>PRESSURE RETAINING WELDS IN VESSELS</u>					
C1.20	<u>WELDS: HEAD CIRCUMFERENTIAL</u>	<u>GIRTH WELDS</u>				
	RHR EXCHANGER 1-2	GIRTH W-G-D WELD #4	PT	BOTTOM HEAD TO SHELL AS ACCESSIBLE	RELIEF NO. 006 EXAM AREA 80%	9/25/95
C-C	<u>SUPPORT MEMBERS</u>					
C3.10	<u>INTEGRALLY WELDED SUPPORT ATTACHMENTS</u>	<u>WELDED ATTACHMENT</u>				
	RHR HT EXCHANGER 1-2	LEG - B	PT	1 LEG		9/25/95
C-E	<u>SUPPORT COMPONENTS</u>					
C3.20	<u>COMPONENT SUPPORTS</u>					
	RHR HT EXCHANGER 1-2	LEG - A+B	VT-3	2 SUPPORTS		9/25/95



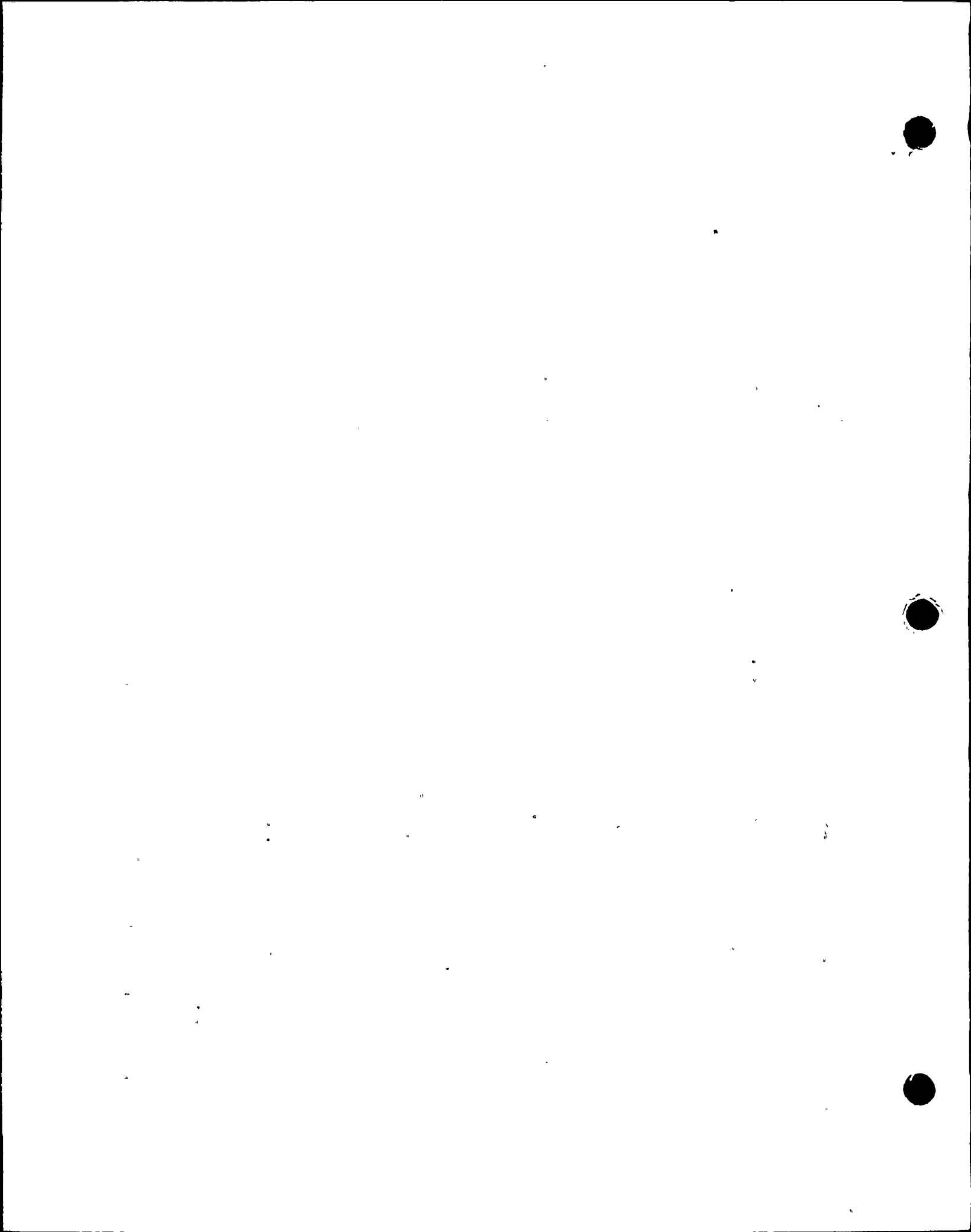
THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PRESSURE VESSELS

ASME SECTION XI SYSTEMS - CLASS 2

TABLE: 2.1PAGE: 3 of 3

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	<u>SUCTION PULSATION DAMPENER</u>					
C-A	<u>PRESSURE RETAINING WELDS IN VESSELS</u>					
C1.20	<u>WELDS: HEAD, CIRCUMFERENTIAL</u>	<u>WELDS</u>				
	BOTTOM HEAD TO SHELL	WELD 22	UT	360°	EXAM AREA 98%	9/18/95
C-C/C-E	<u>SUPPORT MEMBERS</u>					
C3.20	<u>COMPONENT SUPPORTS</u>					
	SUCTION PULSATION DAMPENER SUPPORT	SUPPORT SKIRT	VT-3	SUPPORT SKIRT		9/18/95



THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PIPING

ASME SECTION XI SYSTEMS - CLASS 2

TABLE: 2.2

PAGE: 1 of 2

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	PIPING					
C-F	PRESSURE RETAINING WELDS IN PIPING					
C5.20	PIPING WELDS \geq 1/2" NOMINAL WALL THICKNESS	BUTT WELDS				
C5.21	MULTIPLE STREAM SYSTEMS	CATEGORY C-G				
	STEAM GEN FEED WTR SUPPLY GEN 1-4	K16-556-16V (2.2-28)	UT		WELD WICG-92-4A	10/18/95
			MT		WELD WICG-92-4A	10/18/95
C5.10	PIPING WELDS 1/2" OR LESS NOMINAL WALL THICKNESS					
C5.11	CIRCUMFERENTIAL WELDS SINGLE STREAM SYSTEMS	BUTT WELDS CATEGORY C-E				
	LOOP 4 HOT LEG TO RHR PPS	S1-927-14III (2.2-2)	PT		WELD WIC-245	9/26/95
	RHR INJECTION TO HOT LEG 1 & 2	S1-985-12III (2.2-4)	PT		WELD WIC-255	10/18/95
	RHR EXCHS BYPASS CROSSTIE	S1-1663-8III (2.2-9)	PT		WELD WIC-126	9/23/95
	RESIDUAL HT EXCHS BYPASS HDR	S1-1661-8III (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	S1-112-8III (2.2-9)	PT		WELD WIC-145	9/26/95
	RESIDUAL HT REM PP 1-2 DISCH	S1-113-8III (2.2-9)	PT		WELD WIC-129	9/25/95



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DIABLO CANYON POWER PLANT - UNIT 1

THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

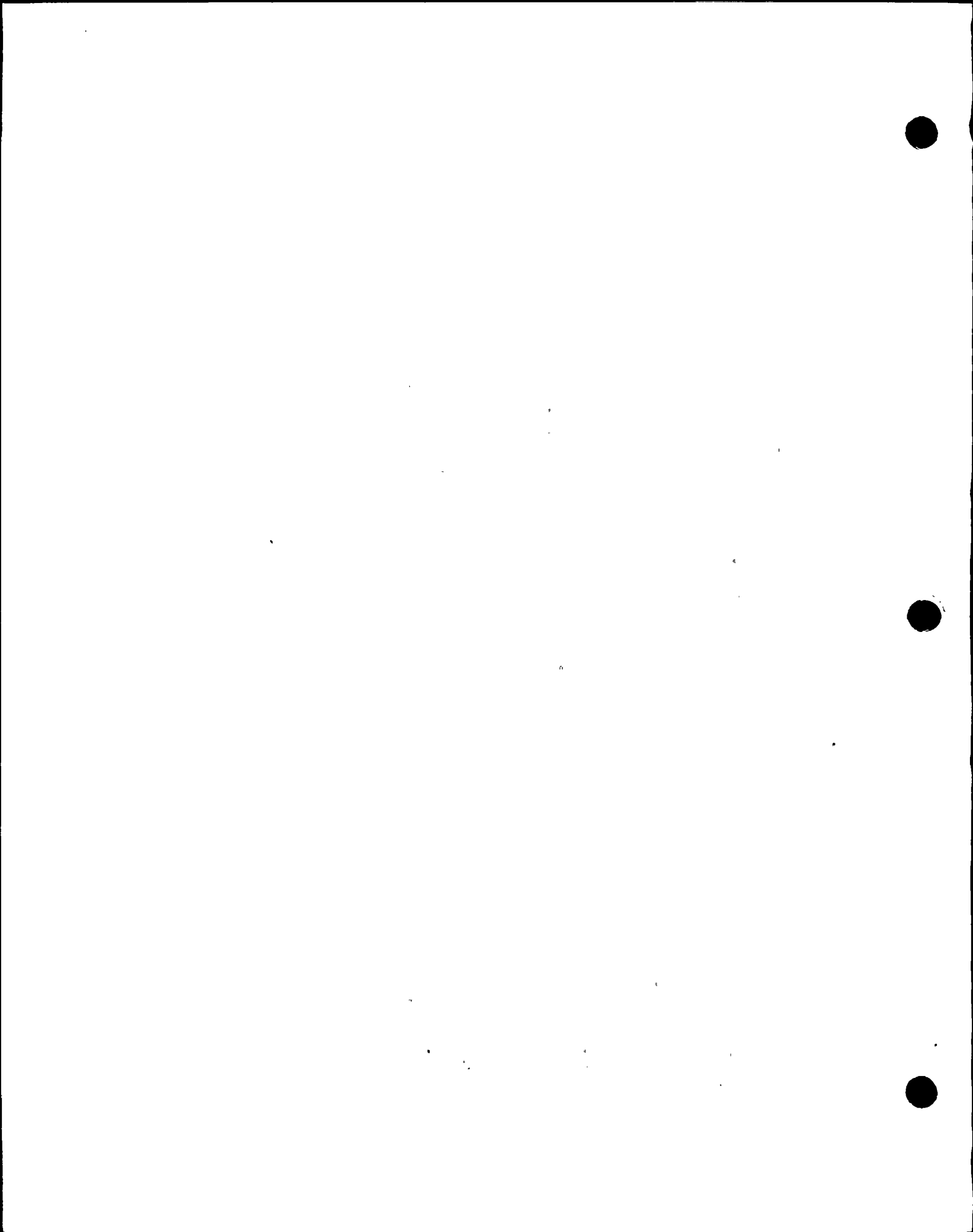
MAJOR ITEM: PIPING

ASME SECTION XI SYSTEMS - CLASS 2

TABLE: 2.2

PAGE: 2 of 2

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	PIPING CONTINUED					
C-F	PRESSURE RETAINING WELDS IN PIPING					
C5.10	PIPING WELDS 1/2" OR LESS NOMINAL WALL THICKNESS					
C5.11	CIRCUMFERENTIAL WELDS SINGLE STREAM SYSTEMS	BUTT WELDS CATEGORY C-F				
	RESIDUAL HT EXCHANGER 1-1 OUTLET	S1-118-8III (2.2-3)(2.2-13)	PT		WELD WIC-10G	9/26/95
			PT		WELD WIC-16H	9/26/95
	RESIDUAL HT EXCHANGER 1-2 OUTLET	S1-119-8III (2.2-14)	PT		WELD WIC-52	9/25/95
			PT		WELD WIC-45C	9/25/95
	CENT CHG PUMP SUCT PUMP 1-1	S2-42-6 (2.2-15)	PT		WELD WIC-341	9/23/95
	CENT CHG PUMP SUCT PUMP 1-2	S2-43-6 (2.2-8)	PT		WELD WIC-330	9/27/95
	RHR TO SAFETY INJEC PUMP 1-2	S2-1984-8III (2.2-17)	PT		WELD WIC-406	9/25/95



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DIABLO CANYON POWER PLANT - UNIT 1

THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

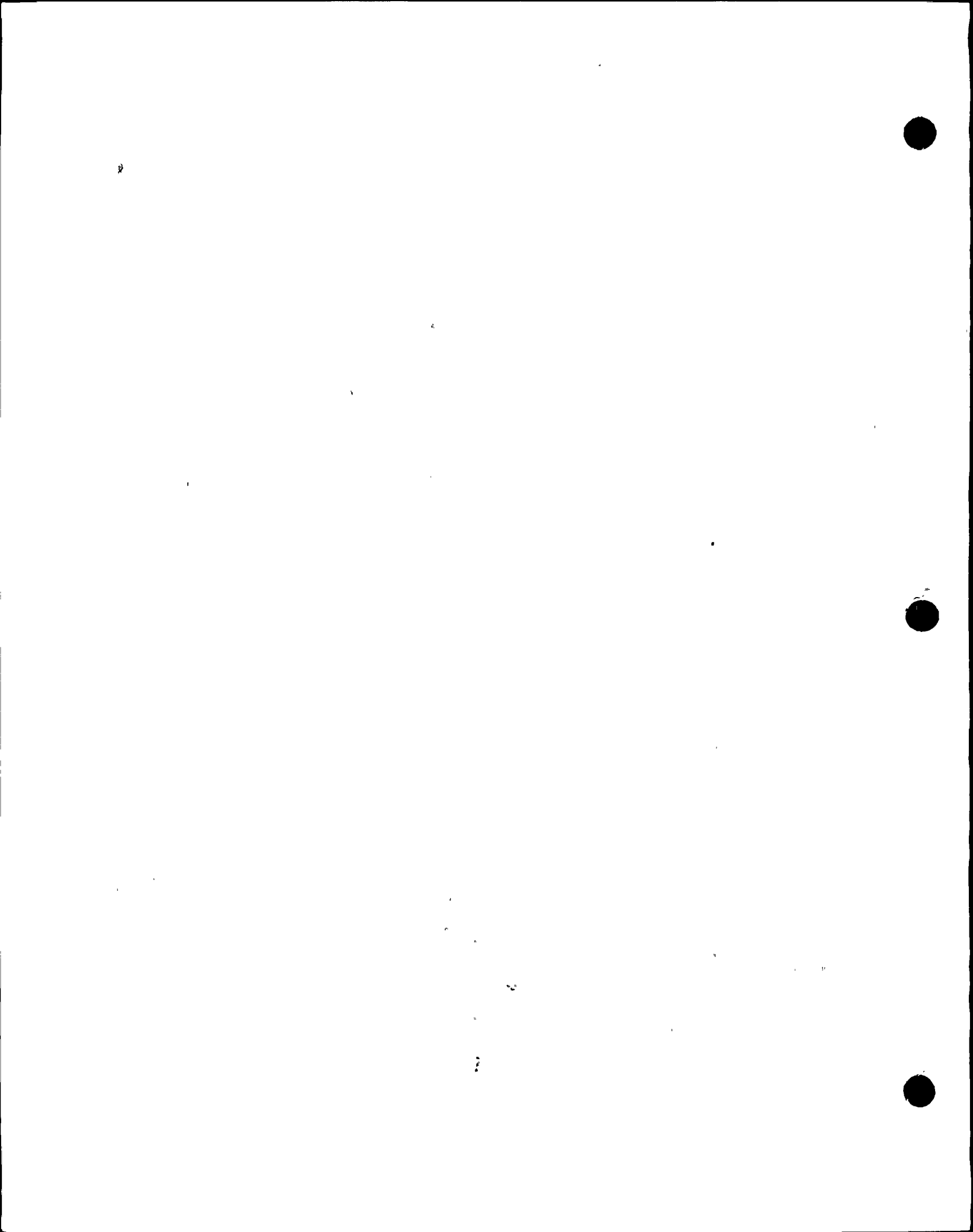
MAJOR ITEM: PIPING SUPPORTS

ASME SECTION XI SYSTEMS - CLASS 2

TABLE: 2.2

PAGE: 1 of 1

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	SUPPORTS					
C-C, C-E	SUPPORT MEMBERS					
C3.40	SUPPORT ATTACHMENTS					
	<u>MULTIPLE STREAM (C-G)</u>	<u>LINE NO. & ISL DWG. NO.</u>				
	STEAM GEN STEAM OUTLET 1-3	K15-226-28V (2.2-23)	MT		SUPPORT 1026-1V: LUGS	10/18/95
	STEAM GEN STEAM OUTLET 1-4	K15-225-28V (2.2-24)	MT		SUPPORT 1028-1V: LUGS	10/18/95
	STEAM GEN FEED WTR SUPPLY GEN 1-2	K16-555-16V (2.2-26)	MT		SUPPORT 1039-9V : PARAM'T	10/18/95
	STEAM GEN FEED WTR SUPPLY GEN 1-3	K16-557-16V (2.2-27)	MT		SUPPORT 1042-9V : PARAM'T	10/18/95
	RHR PP INJ COLD LEG PP 1-1	S6-508-8III (2.2-31)	PT		SUPPORT 58N-49R :X370A,B	10/20/95
			PT		SUPPORT 58N-52A: X426A-C	10/17/95



PG&E

DIABLO CANYON POWER PLANT - UNIT 1

THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PUMPS

ASME SECTION XI SYSTEMS - CLASS 2

TABLE: 2.3

PAGE: 1 of 1

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM		
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE	
	<u>CENTRIFUGAL CHARGING PUMPS</u>						
C-G	<u>PRESSURE RETAINING WELDS</u>						
C6.10	<u>PUMP CASING WELDS</u>						
		<u>MACHINED WELD</u>					
	CentChg PP 1-2	DRIVE END OF PUMP CASING	PT	ONE WELD 100%	RELIEF NO. 010	10/8/95	
C-C	<u>SUPPORT MEMBERS</u>						
C3.70	<u>INTEGRALLY WELDED SUPPORT ATTACHMENTS</u>						
		<u>WELDED ATTACHMENT</u>					
	CentChg PP 1-2	WELD A-D	PT		WELD A EXAM AREA 81%	9/28/95	
					WELD B EXAM AREA 77%	9/28/95	
					WELD C EXAM AREA 77%	9/28/95	
					WELD D EXAM AREA 77%	9/28/95	



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

DIABLO CANYON POWER PLANT - UNIT 1
MAJOR ITEM: PIPING SUPPORTS
TABLE: 2.4
PAGE: 1 of 1

CATEGORY

PIPING SUPPORTS
SUPPORT COMPONENTS

C-E
C3.50

The required Inservice Inspections were performed on 46 Class 2 hangers during the seventh refueling outage between the dates of 09-22-95 and 10-10-95. Data reports are on file.

<u>SUPPORT</u>	<u>LINE</u>	<u>SUPPORT</u>	<u>LINE</u>	<u>SUPPORT</u>	<u>LINE</u>
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
74-1V	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		
42-45R	508	15-82R	1661		
56N-120R	508	72-8V	1663		



SECTION E.

SYSTEM PRESSURE TESTS



THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PRESSURE TESTS

ASME SECTION XI SYSTEMS - CLASS 1 & 2

TABLE: 5.2

PAGE: 1 of 1

TEST NO.	DESCRIPTION	P&ID SHT #	IMPLEMENTING PROCEDURE	PLANT	TYPE	CLS	EXAM COMPLT	COMMENTS
9	9A: AUXILIARY SPRAY 8145, 8148 TO 8377	14	STP X-101	MODE 3	I	1	11/21/95	
14	RHR SUCTION AND DISCHARGE.	20	STP X-114 STP V-7C	MODE 4 AFTER RHR	I	1	11/20/95	
2	AUX FEED PIPING (MOTOR DRIVEN PUMPS)	3	ISI VT 2-1	MODE 3 (1000 PSI)	I	2	5/21/94	
2	AUX FEED PIPING. PP-1-1 DISCH, DS OF 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 LEAD	5,6	ISI VT 2-1	MODE 3 (1000 PSI)	I	2	5/21/94	
12	RCP SEAL WATER OUTLET/ EXCESS LETDOWN HX OUTLET	12	STP X-101	MODE 3 (INSIDE)	I	2	11/21/95	
12	VLV 8100 TO PEN 45.	12	ISI VT 2-1	MODE 1 (OUTSIDE)	I	2	2/16/95	
14	RCP SEAL WATER INLET PIPING.	12,14	ISI VT 2-1	MODE 1 (OUTSIDE)	I	2	2/23/95	PARTIAL PERFORMED 3-6-91.
17	BORIC ACID PUMPS DISCHARGE HEADER, BA BLENDER INLET, BA FILTER	14,15	ISI VT 2-1	ANY MODE PUMP RUNNING	I	2	10/25/95	PARTIAL PERFORMED 4-29-94.
18	RECIP CHARGING PUMP & DISCHARGE PIPING	14	ISI VT 2-1	MODE 1 PUMP RUNNING	I	2	2/23/95	



THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PRESSURE TESTS

ASME SECTION XI SYSTEMS - CLASS 1 & 2

TABLE: 5.2

PAGE: 2 of 5

TEST NO.	DESCRIPTION	P&ID SHT #	IMPLEMENTING PROCEDURE	PLANT	TYPE	CLS	EXAM COMPLT	COMMENTS
20	CHARGING PUMP DISCH, SEAL WTR INJ FILTER, REGEN HX PIPING. NOTE: EXTEND INSP PAST THE SECT XI BOUNDARY VALVE #8106 TO INCLUDE VALVE #8105 PER A0308932.	14	STP M-86A2	MODE 5 OR 6	I	2	10/25/95	
21	SEAL WATER INJECTION FILTERS	14	ISI VT 2-1	MODE 1	I	2	2/23/95	
26	ACCUM INJ LOOPS 1 THRU 4 TEST & FILL PIPING UP TO VALVES 8877A-D. (INCLUDE CLASS 1 TEST #10 & #11)	17	ISI VT 2-1	MODE 3	I	2	9/30/95	
29	ACCUM SAMPLE LINES FROM 9367A-D TO 9352A-D	17,22	ISI VT 2-1	MODE 3	I	2	9/30/95	
36	RWST SUPPLY TO CHARGING. (8805 TO 8924)	18	ISI VT 2-1	RWST FULL	P3	2	10/1/95	
47	SIS PUMPS RHR SUCTION	18,19	STP M-86A1	DURING OUTAGE	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	STP V-3I1 STP X-258	MODE 5 OR 6	P3	2	10/17/95	
82	REFUELING CANAL WATER INLET (PEN 46)	42	ISI VT 2-1	DURING OUTAGE	P3	2	10/12/95	



THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PRESSURE TESTS

ASME SECTION XI SYSTEMS - CLASS 1 & 2

TABLE: 5.2PAGE: 3 of 5

TEST NO.	DESCRIPTION	P&ID SHT #	IMPLEMENTING PROCEDURE	PLANT	TYPE	CLS	EXAM COMPLT	COMMENTS
88	REACTOR COOLANT DRAIN PUMPS DISCHARGE HEADER. (PEN 50)	42	ISI VT 2-1	MODE 5 OR 6	P3	2	10/24/95	
2	AUXILIARY FEEDWATER PUMPS RECIRC HEADER TO CONDENSATE STORAGE TANK	3	STP P-5B STP P-6B	PUMPS ON RECIRC.	I	3	12/14/94	
2	AUXILIARY FEEDWATER PUMPS RECIRC HEADER TO CONDENSATE STORAGE TANK	3	STP P-5B STP P-6B	PUMPS ON RECIRC.	P3	3	12/14/94	10 YEAR HYDRO.
6	AUX FEED PUMP TURB EXHAUST AND LEAK-OFF DRAINS	6	STP P-5B STP P-6B	VERIFY FLOW	P3	3	9/27/95	
12	PORTION FROM CHK 1555 TO VLV 1-679 NEEDS HYDRO PRESSURE.		ISI VT 2-1	ANY MODE THROTTLE PUMP	I	3	2/9/95	
12	CST AND UNISOLABLE PIPING	33	ISI VT 2-1	ANY MODE TANK FULL	P3	3	2/9/95	
13	FIRE WATER TRANSFER TNK (VLV 707 TO TNK)	33	ISI VT 2-1	ANY MODE TANK FULL	I	3	10/19/94	COMMON TO BOTH UNITS. REPORT WITH UNIT-2 DATA.
13	FIRE WATER TRANSFER TNK (VLV 707 TO TNK)	33	ISI VT 2-1	ANY MODE TANK FULL	P3	3	10/19/94	COMMON TO BOTH UNITS. REPORT WITH UNIT-2 DATA.
14	MU WATER XFER PUMPS AND SUCTION PIPING	33,36	ISI VT 2-1	ANY MODE	I	3	8/16/95	
14	MU WATER XFER PUMPS AND SUCTION PIPING	33,36	ISI VT 2-1	ANY MODE	P3	3	8/16/95	



THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PRESSURE TESTS

ASME SECTION XI SYSTEMS - CLASS 1 & 2

TABLE: 5.2

PAGE: 4 of 5

TEST NO.	DESCRIPTION	P&ID SHT #	IMPLEMENTING PROCEDURE	PLANT	TYPE	CLS	EXAM COMPLT	COMMENTS
15	MU WATER XFER PUMPS DISCHARGE PIPING	33,36	ISI VT 2-1	ANY MODE	I	3	8/16/95	
15	MU WATER XFER PUMPS DISCHARGE PIPING	33,36	ISI VT 2-1	ANY MODE	P3	3	8/16/95	
16	CCW AND SPENT FUEL PIT SYSTEM PRIMARY WATER MAKEUP PIPING	24,25,33,34	ISI VT 2-1	ANY MODE	I	3	9/22/95	
16	CCW AND SPENT FUEL PIT SYSTEM PRIMARY WATER MAKEUP PIPING	24,25,33,34	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 (TUBE SIDE)	35	ISI VT 2-1	ANY MODE	I	3	10/27/95	
18	CCW HEAT EXCHANGERS (TUBE SIDE)	35	ISI VT 2-1	ANY MODE	P3	3	10/27/95	
19	CCW HEAT EXCHANGERS SALTWATER OUTLET PIPING	35	ISI VT 2-1	ANY MODE	P3	3	10/27/95	
21	SPENT FUEL POOL PUMPS AND SUCTION PIPING	24	ISI VT 2-1	ANY MODE SFP FULL	I	3	7/7/95	



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DIABLO CANYON POWER PLANT - UNIT 1

THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PRESSURE TESTS

ASME SECTION XI SYSTEMS - CLASS 1 & 2

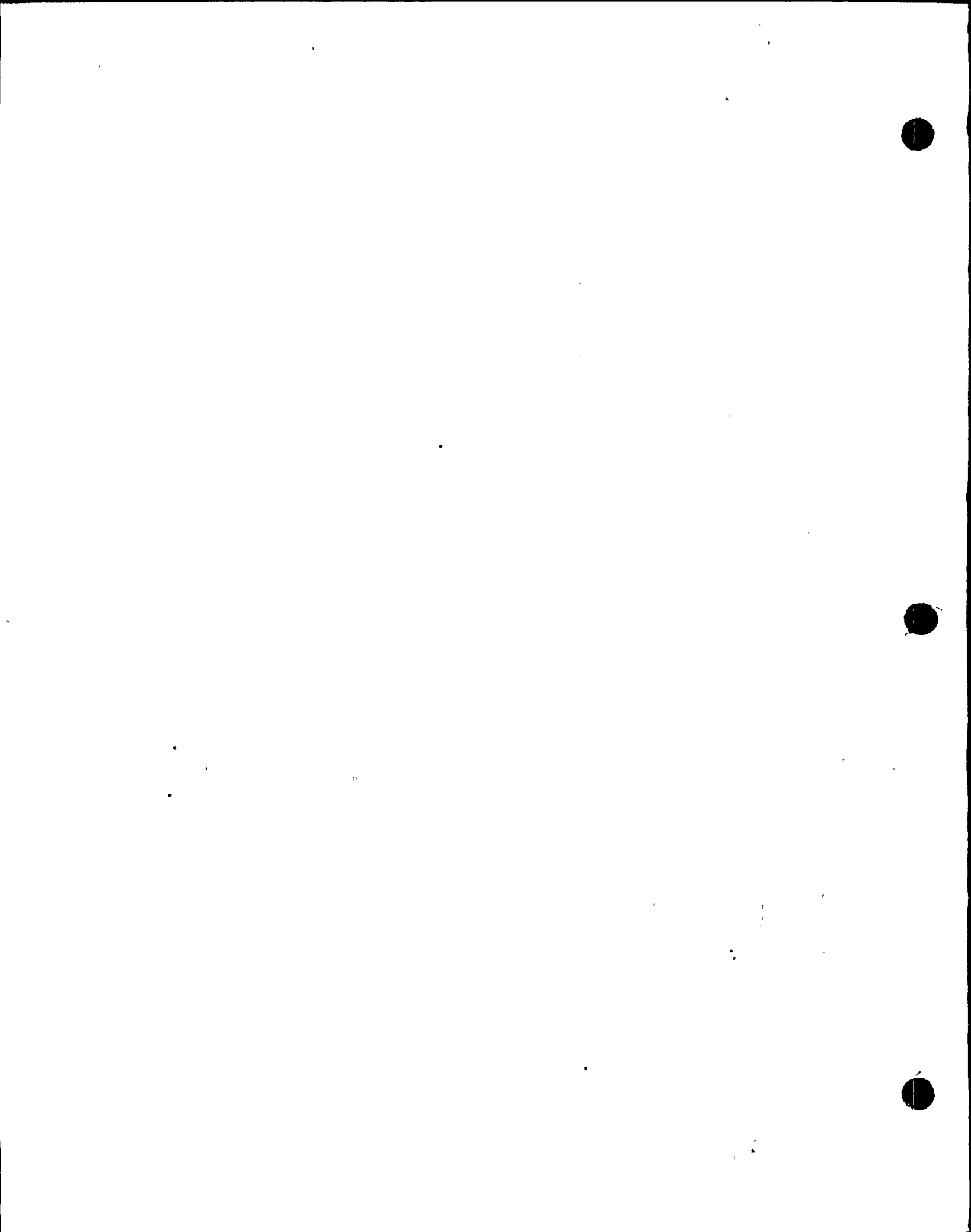
TABLE: 5.2

PAGE: 5 of 5

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	P3	3	7/7/95	



SECTION F
PRESERVICE INSPECTION ITEMS



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PRESERVICE INSPECTIONS

DIABLO CANYON POWER PLANT - UNIT 1

THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: STEAM GENERATORS

ASME SECTION 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
	<u>STEAM GENERATORS</u>					
B-G-2	PRESSURE RETAINING BOLTING 2" DIA. AND LESS	MANWAY BOLTING				
B7.30	<u>BOLTS, STUDS, AND NUTS</u>					
	STEAM GENERATOR 1-3	NO. 1 TO NO. 16	VT-1	#10 WASHER PAIR	PRIMARY SIDE COLD LEG MANWAY	10/19/95



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PRESERVICE INSPECTIONS

DIABLO CANYON POWER PLANT - UNIT 1

THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PIPING SUPPORTS

ASME SECTION XI SYSTEMS - CLASS 1 & CLASS 2

TABLE: 1.4 & 2.2

PAGE: 1 of 1

CATEGORY

B-K

PIPING SUPPORTS

B-K-2

SUPPORT COMPONENTS

B11.10

The required Preservice Inspections were performed on 8 Class 1 and Class 2 hangers during the seventh refueling outage between the dates of 10-07-95 and 11-09-95. Data reports are on file.

<u>SUPPORT</u>	<u>LINE</u>	<u>SUPPORT</u>	<u>LINE</u>	<u>SUPPORT</u>	<u>LINE</u>
14-47SL "B"	99	48-17R	727	48-1R	729
1033-28SL	1066	11-154SL	1171	11-96SL	1171
11-132SL	1195	14-83BSL	3284		



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PRESERVICE INSPECTIONS

DIABLO CANYON POWER PLANT - UNIT 1

THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PRESSURE VESSELS (C-E, C-D)

ASME SECTION 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



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PRESERVICE INSPECTIONS

DIABLO CANYON POWER PLANT - UNIT 1

THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PIPING - CIRCUM. WELDS (C.F)

ASME SECTION XI SYSTEMS - CLASS 2

TABLE: 2.2

PAGE: 1 of 1

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE

PIPING

C-F

PRESSURE RETAINING WELDS IN PIPING

C5.10

PIPING WELDS 1/2" THICK OR LESS

BUTT WELDS

C5.11

CIRCUMFERENTIAL WELDS
MULTIPLE STREAMS

LINE NO. &
ISLDWYG. NO.

CENT CHG PUMP SUCT PUMP 1-2

S2-43-6
(2.2-8)

PT

1 WELD

PSI

8/23/95



PG&E

PRESERVICE INSPECTIONS

DIABLO CANYON POWER PLANT - UNIT 1

THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)

MAJOR ITEM: PUMPS

ASME SECTION XI SYSTEMS - CLASS 2

TABLE: 2.3

PAGE: 1 of 1

CATEGORY	GENERAL	EXAM	EXAM	EXAM RELIEF'S	EXAM	
ITEM	COMPONENT OR SYSTEM	IDENTIFICATION	TYPE	AMOUNT & EXTENT	& REMARKS	DATE
	<u>CENTRIFUGAL CHARGING PUMPS</u>					
C-G	<u>PRESSURE RETAINING WELDS</u>					
C6.10	<u>PUMP CASING WELDS</u>	BRANCH WELD TO UPPER CASE				
	CentChg PP 1-2	WELD N-A	PT	ONE WELD 100%	PSI	8/23/95
C-C	<u>SUPPORT MEMBERS</u>					
C3.70	<u>INTEGRALLY WELDED SUPPORT ATTACHMENTS</u>	<u>WELDED ATTACHMENT</u>				
	CentChg PP 1-2	WELD A-D	PT		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	<u>SUPPORT MEMBERS</u>					
C3.80	<u>SUPPORT MEMBERS SUPPORT COMPONENTS</u>	<u>SUPPORT BASE</u>				
	CentChg PP1-2	Base 1-2	VT-3	EXPOSED AREAS	PSI	10/14/95



SECTION G.

REPAIRS AND REPLACEMENTS



1
2
3



4
5
6



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

1. Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 1 of 1

2. Plant Diablo Canyon Power Plant Unit 1
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 Main 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 - 1977, S'78 Addenda, Code Cases N/A

6. Identification of components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
(3) FW-1-532	Atwood&Morri	N/F	N/A	C0139137	0556	Unknown	Replacement	No
(11)*Line 0554	PG&E	N/A	N/A	C0119583	0554	Unknown	Replacement	No
(11)*Line 0555	PG&E	N/A	N/A	C0119586	0555	Unknown	Replacement	No
(11)*Line 0556	PG&E	N/A	N/A	C0119590	0556	Unknown	Replacement	No
(11)*Line 0557	PG&E	N/A	N/A	C0119591	0557	Unknown	Replacement	No
(2/3) FW-1-532	Atwood&Morri	N/F	N/A	R0132935	0556	Unknown	Replacement	No

7. Description of Work (3) Mach. Work Repair (11) Replace Pipe (2) Replace Bolting

8. Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other
Pressure psi Test Temp. °F

9. Remarks * NOP/NOT (code case 416)

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this Repair/Replacement conforms to Section XI of the ASME Code. Signed David A. Vosburg NSSS Director FEB 2, 1996
(Owner or Owner's Designee) David A. Vosburg (Title) (Date)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of California, employed by H.S.B.I. & I. Co. of Hartford, CT. have inspected the Repair/Replacement described in this Report on 2-2, 1996 and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date Feb. 2, 1996 Kenny D. Kim Commissions CA 1828 - NB 9990
(Inspector) (State or Province, National Board)

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



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

Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 1 of 3

2. Plant Diablo Canyon Power Plant Unit 1
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 Turbine Steam Supply System (04)
(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 - 19 77, S'78 Addenda, Code Cases N/A

6. Identification of components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired/Replaced or Replacement	ASME Code Stamped (Yes or No)
(2) MS-1-FCV-41	Schutte	N690548	N/A	C0138816	0228	Unknown	Replacement	No
(3) MS-1-RV-4	Dresser	BM-07854	N/A	C0138678	0228	On File	Repair	Yes
(4) MS-1-PCV-22	Copes Vulcan	6910.95009	N/A	C0130412	0225	Unknown	Replacement	No
(3) MS-1-RV-8	Dresser	BM-07855	N/A	C0125957	0227	On File	Repair	Yes
(3) MS-1-RV-59	Dresser	BN-1747	N/A	C0125956	1066	On File	Repair	Yes
(3) Steam Gen 1-1	Westinghouse	1041	68-12	C0123866	Sec. Mny	1968	Repair	Yes

Description of Work (2) Replace Bolting (3) Mach. Work Repair (4) Replace Internals

8. Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other
Pressure psi Test Temp. °F

9. Remarks

CERTIFICATE OF COMPLIANCE

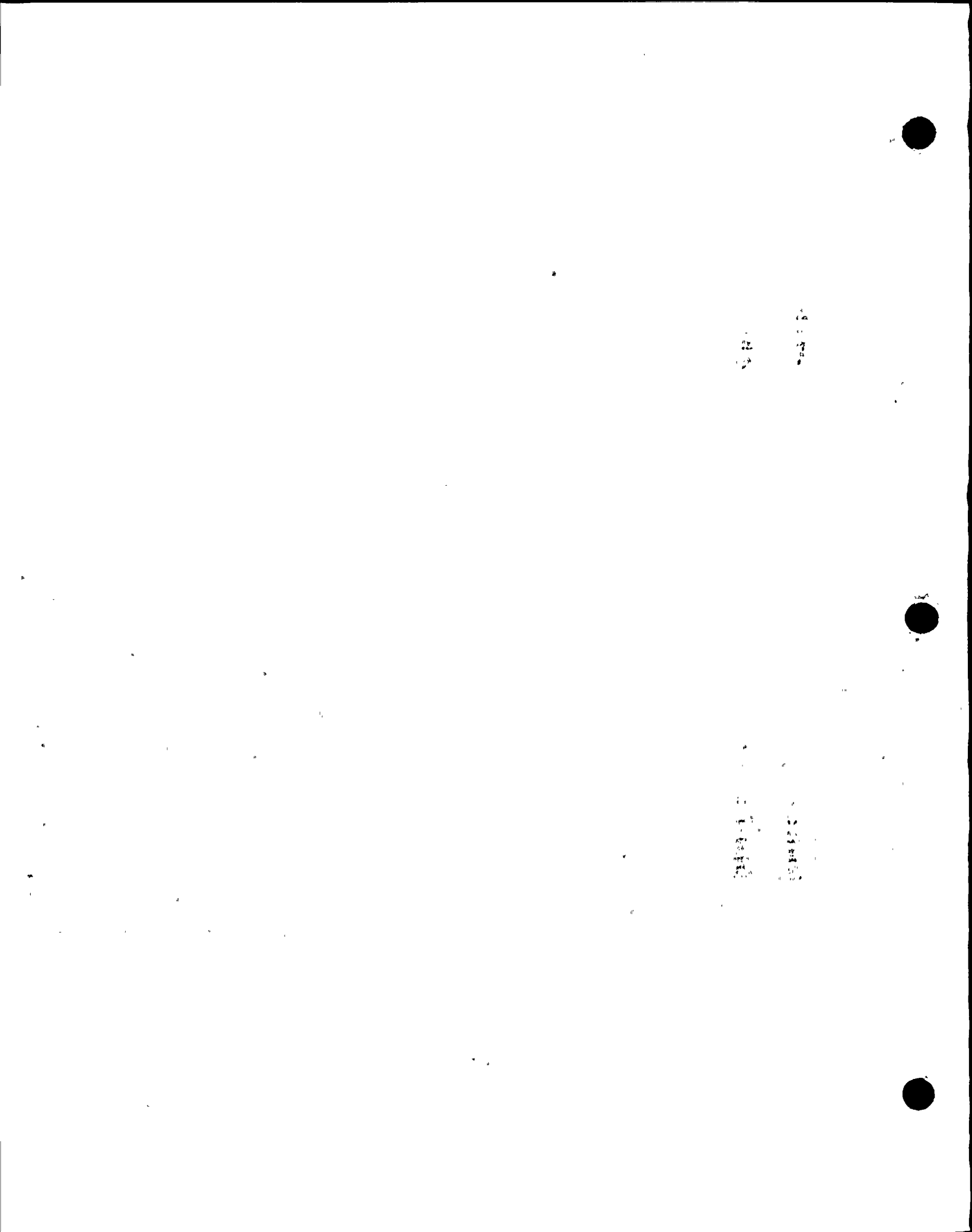
We certify that the statements made in this report are correct and this Repair/Replacement conforms to Section XI of the ASME Code. Signed David A. Vosburg NSSS Director Feb. 2, 1996
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of California, employed by H.S.B.I. & I. Co. of Hartford, CT. have inspected the Repair/Replacement described in this Report on 2-2, 1996 and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date Feb. 2, 1996 Kenny D. Kim Commissions CA 1828 - NB 9990
(Inspector) (State or Province, National Board)
Kenny D. Kim

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



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

Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 2 of 3

2. Plant Diablo Canyon Power Plant Unit 1
P.O. Box 56, Avila Beach CA 93424

3. Work Performed by Owner Repair Org. P.O. No., Job No., etc.
See Above

4. Identification of System Turbine Steam Supply System (04)
(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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired/Replaced/Replacement	ASME Code Stamped (Yes or No)
(4) MS-1-RV-222	Dresser	BM-07867	N/A	C0121922	0227	On File	Replacement	Yes
(14)*Line K-15-3/4*	PG&E	N/A	N/A	C0138892	0015	Unknown	Repair	No
(3) Stm Gen 1-4	Westinghouse	1044	68-15	C0138265	N/A	1968	Repair	Yes
(3) Stm Gen 1-3	Westinghouse	1043	68-14	C0138264	N/A	1968	Repair	Yes
(2) Stm Gen 1-3	Westinghouse	1043	68-14	C0139248	N/A	1968	Replacement	Yes
(2) Stm Gen 1-2	Westinghouse	1042	68-13	C0139133	N/A	1968	Replacement	Yes
MS-1-RV-3	Dresser	BM-07840	N/A	C0138453	0228	On File	Replacement	Yes
MS-1-RV-4	Dresser	BM-07840	N/A	C0138454	0228	On File	Replacement	Yes
(4) MS-1-RV-5	Dresser	BM-07858	N/A	C0138455	0228	On File	Replacement	Yes
(4) MS-1-RV-6	Dresser	BM-07862	N/A	C0138456	0228	On File	Replacement	Yes
(4) MS-1-RV-222	Dresser	BM-07866	N/A	C0138457	0228	On File	Replacement	Yes
(4) MS-1-RV-7	Dresser	BM-07849	N/A	C0138458	0227	On File	Replacement	Yes
(4) MS-1-RV-8	Dresser	BM-07855	N/A	C0138459	0228	On File	Replacement	Yes
(4) MS-1-RV-9	Dresser	BM-07859	N/A	C0138460	0227	On File	Replacement	Yes
(4) MS-1-RV-10	Dresser	BM-07863	N/A	C0138461	0227	On File	Replacement	Yes
(4) MS-1-RV-223	Dresser	BM-07867	N/A	C0138462	0227	On File	Replacement	Yes
(4) MS-1-RV-11	Dresser	BM-07853	N/A	C0138463	1065	On File	Replacement	Yes
(4) MS-1-RV-12	Dresser	BN-01751	N/A	C0138464	1065	On File	Replacement	Yes
(4) MS-1-RV-14	Dresser	BM-07864	N/A	C0138466	1065	On File	Replacement	Yes
(4) MS-1-RV-224	Dresser	BM-07868	N/A	C0138467	1065	On File	Replacement	Yes
(4) MS-1-RV-59	Dresser	BN-01747	N/A	C0138469	1066	On File	Replacement	Yes
(4) MS-1-RV-60	Dresser	BN-01750	N/A	C0138470	1066	On File	Replacement	Yes
(4) MS-1-RV-61	Dresser	BM-07865	N/A	C0138471	1066	On File	Replacement	Yes
(4) 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)



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

Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 3 of 3

2. Plant Diablo Canyon Power Plant Unit 1
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 Turbine Steam Supply System (04)
(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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired/Replaced/Replacement	ASME Code Stamped (Yes or No)
(14) Line 1066	PG&E	N/A	N/A	C0138633	1066	Unknown	Repair	No
(2/4) MS-1-FCV-25	Fisher	5727538	N/A	C0137401	3915	Unknown	Replacement	No
(4) MS-1-RV-58	Dresser	BM-07851	N/A	C0138468	1066	On File	Replacement	Yes
(3) MS-1-PCV-22	Copes Vulcan	6910.95009	N/A	C0130412	0015	Unknown	Replacement	No

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



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

Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 1 of 2

2. Plant Diablo Canyon Power Plant Unit 1
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 Turbine Steam Supply System (04)
(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 - 19 77, S'78 Addenda, Code Cases N/A

6. Identification of components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
(8) 58S-153R	PG&E	N/A	N/A	C0095782	0593	Unknown	Replacement	No
(8) SG01-02SL-NE	Paul Monroe	1701	N/A	C0188203	SG01	Unknown	Replacement	No
(1) 10-120SL	PSA	25314	N/A	C0120204	3915	Unknown	Replacement	No
(1) 12-66SL	PSA	33860	N/A	C0124514	1020	Unknown	Replacement	No
(8) 57S-184R	PG&E	N/A	N/A	C0127258	1040	Unknown	Replacement	No
(1) 10-96SL	PSA	985	N/A	C0139657	3915	Unknown	Replacement	Yes

Description of Work (8) Replace Support Parts (1) Replace Hanger

8. Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other
Pressure psi Test Temp. °F

9. Remarks

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this Replacement conforms to Section XI of the ASME Code. Signed David A. Vosburg NSSS Director Feb. 2, 1996
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of California, employed by H.S.B.I. & I. Co. of Hartford, CT. have inspected the Replacement described in this Report on 2-2, 1996 and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date Feb. 2, 1996 Kenny D. Kim Commissions CA 1828 - NB 9990
(Inspector) (State or Province, National Board)

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



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

Owner 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
P.O. Box 56, Avila Beach CA 93424

3. Work Performed by Owner
See Above Repair Org. P.O. No., Job No., etc.

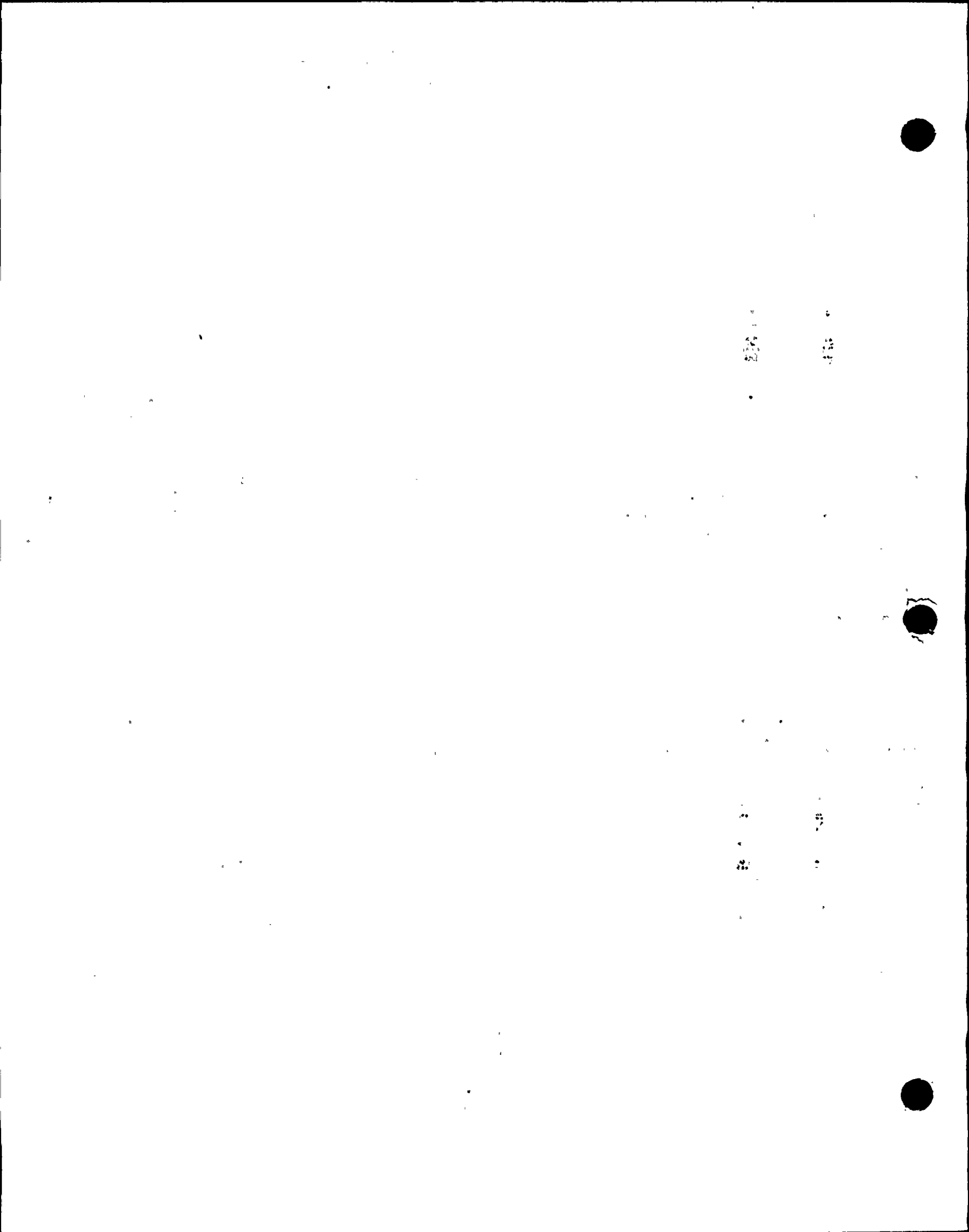
4. Identification of System Turbine Steam Supply System (04)
(See Below - Stamp Column)

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
(1) 16-72ASL	PSA	209	N/A	C0139794	3917	Unknown	Replacement	No
(8) 11-93SL	PSA	150	N/A	C0139918	0593	Unknown	Replacement	No
(8) 1033-28SL	PSA	1762	N/A	C0139609	1066	Unknown	Replacement	Yes
(1) 16-73SL	PSA	23098	N/A	C0136256	3917	Unknown	Replacement	No
(1) 10-120SL	PSA	663	N/A	C0139838	3915	Unknown	Replacement	Yes
(1) 12-182SL	PSA	1562	N/A	C0136217	1032	Unknown	Replacement	No

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



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

Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 1 of 2

2. Plant Diablo Canyon Power Plant Unit 1
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 Reactor Coolant System (07)
(See Below - Code Stamp Column)

5. (a) Applicable Construction Code 19 Edition 1977 Addenda, Code Cases N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1977, S'78 Addenda, Code Cases N/A

6. Identification of components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
* (11/14) Line 1158	PG&E	N/A	N/A	C0122263	1158	Unknown	Replacement	No
* (11) Line 1140	PG&E	N/A	N/A	C0123567	1140	Unknown	Replacement	No
(15) Reactor Vessel	C.E.	66104	20760	R0131242	N/A	1970	Replacement	Yes
(4) RCS-1-RV-8010A	Crosby	U1A	N/A	R0149816	0729	On File	Replacement	Yes
(4) RCS-1-RV-8010B	Crosby	U1B	N/A	R0149817	0728	On File	Replacement	Yes
(4) RCS-1-RV-8010C	Crosby	U1C	N/A	R0149818	0727	On File	Replacement	Yes

8. Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other
Pressure 2280 psi Test Temp. 500 °F

9. Remarks _____

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this Repair/Replacement conforms to Section XI of the ASME Code. Signed David A. Vosburg NSSS Director FEB 2, 1996
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of California, employed by H.S.B.I. & I. Co. of Hartford, CT. have inspected the Repair/Replacement described in this Report on 2-2, 1996 and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date Feb. 2, 1996 Kenny D. Kim Commissions CA 1828 - NB 9990
(Inspector) (State or Province, National Board)

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



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

Owner 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
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 Reactor Coolant System (07)
(See Below - Stamp Column)

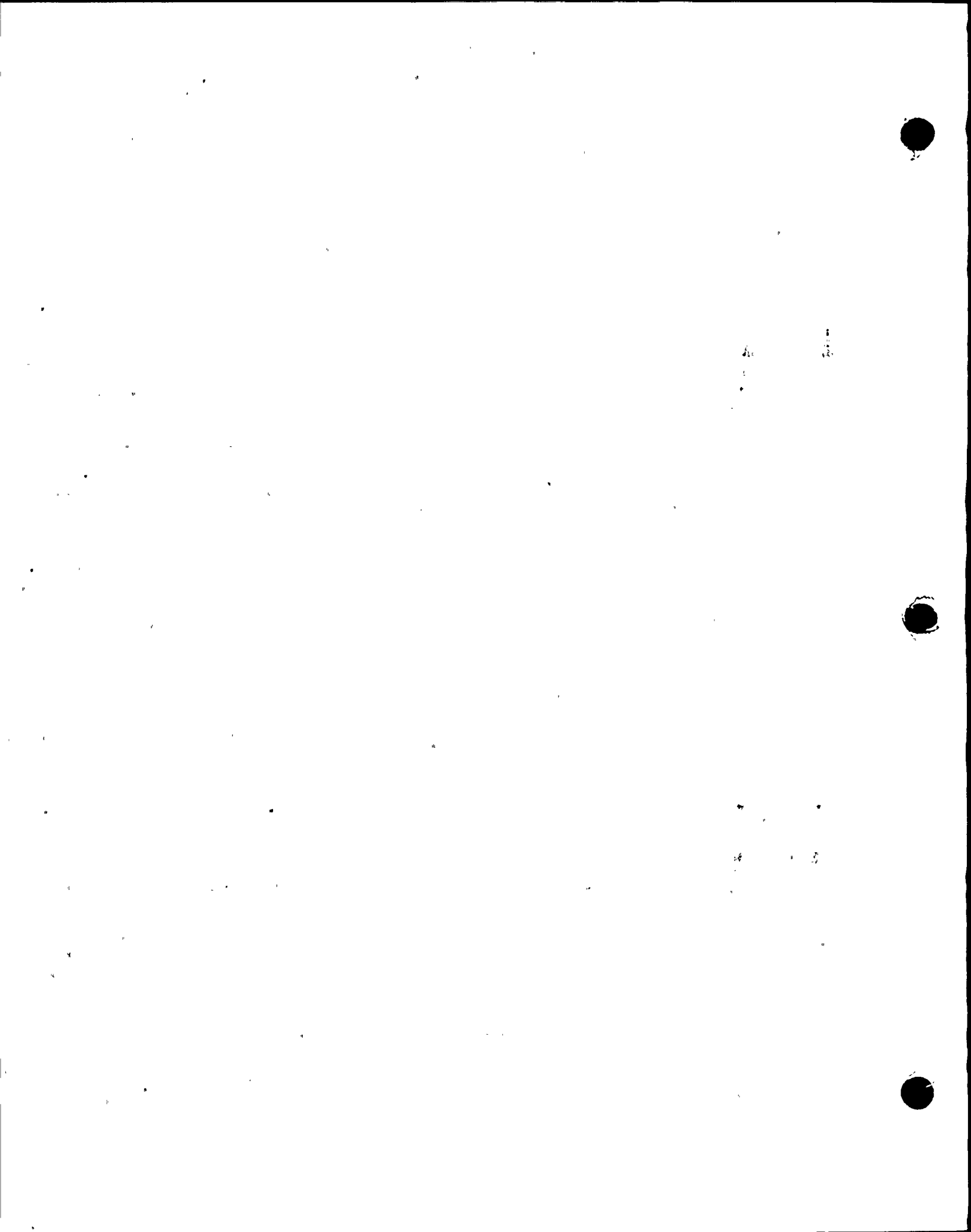
5. (a) Applicable Construction Code 19 Edition Addenda, Code Cases N/A

(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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
(14) Reactor Vessel	C.E.	66104	20760	C0139097	N/A	1970	Repair	Yes

9. Remarks (14) Seal Weld
(Applicable Manufacturer's Data Reports to be attached)



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

1. Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 1 of 1
2. Plant Diablo Canyon Power Plant Unit 1
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 Reactor Coolant System (07)
(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 - 19 77, S'78 Addenda, Code Cases N/A
6. Identification of components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
(8) SG01-03SL-NE	Paul Monroe	1614	N/A	C0139586	N/A	Unknown	Replacement	No
(14) 48-1R	PG&E	N/A	N/A	C0139108	0729	Unknown	Repair	No
(14) 48-17R	PG&E	N/A	N/A	C0139130	0727	Unknown	Repair	No
(1) 11-154SL	PSA	N/A	N/A	C0138880	1171	Unknown	Replacement	Yes
(8) SG01-03SL-NW	Paul Monroe	1618	N/A	C0136383	N/A	Unknown	Replacement	No
(1) 11-132SL	PSA	226	N/A	C0136306	0109	Unknown	Replacement	No
(1) 11-96SL	PSA	265	N/A	C0136308	1171	Unknown	Replacement	Yes

Description of Work (1) Replace Hanger (8) Delete Support Parts (14) Cope Support

8. Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other
Pressure psi Test Temp. °F
9. Remarks

CERTIFICATE OF COMPLIANCE

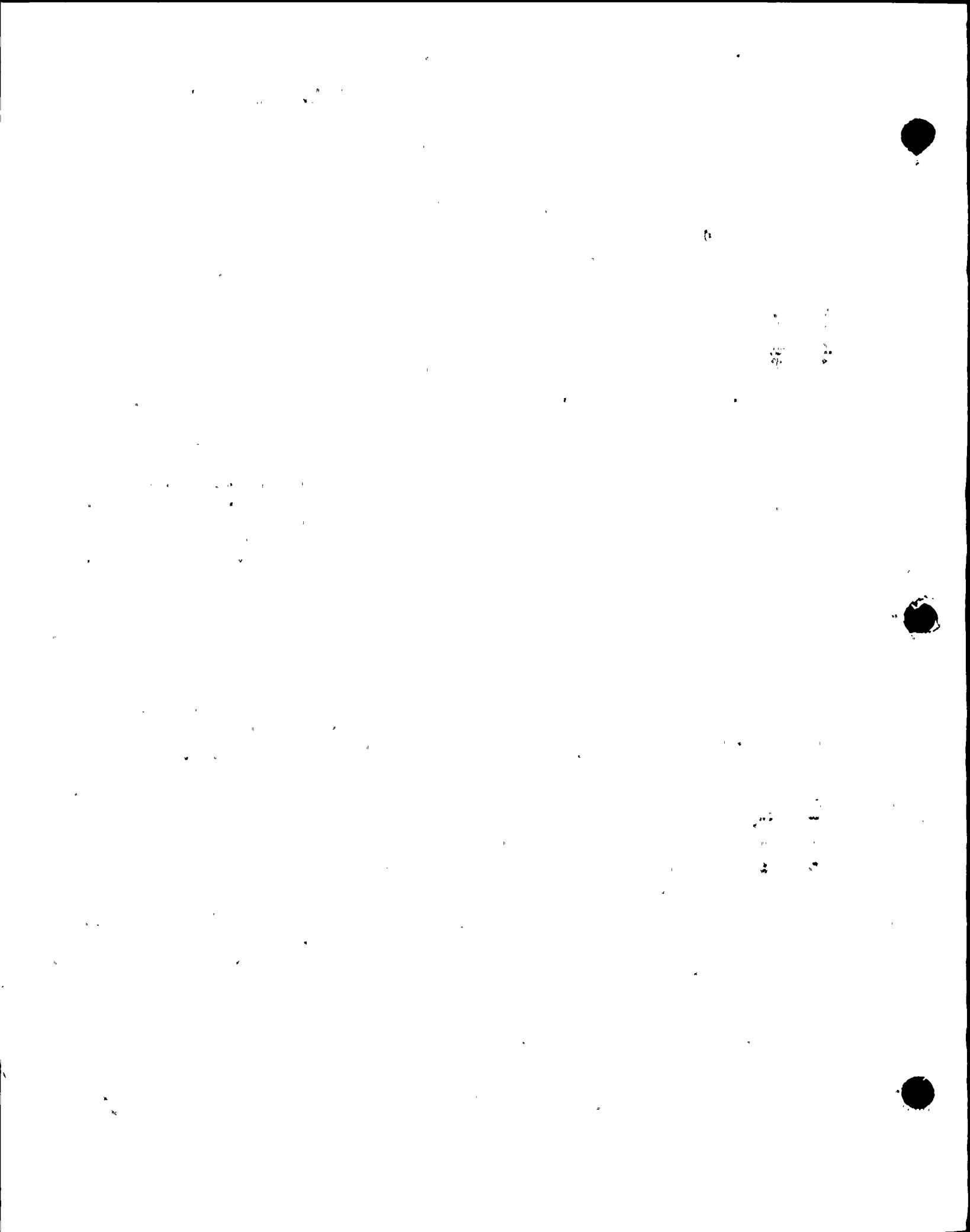
We certify that the statements made in this report are correct and this Repair/Replacement conforms to Section XI of the ASME Code. Signed David A. Vosburg NSSS Director FEB 2, 1996
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of California, employed by H.S.B.I. & I. Co. of Hartford, CT. have inspected the Repair/Replacement described in this Report on 2-2, 1996 and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date Feb. 2, 1996 Kenny D. Kim Commissions CA 1828 - NB 9990
(Inspector) (State or Province, National Board)

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

Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 1 of 2

2. Plant Diablo Canyon Power Plant Unit 1
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 Chemical and Volume Control System (08)
(See Below - Code Stamp Column)

5. (a) Applicable Construction Code 19 Edition 19 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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
(3)**DISH PULS DAMPN	Commercial E	1280001	N/A	C0111085	N/A	1993	Repair	Yes
(3)**DICH PULS DAMPN	Commercial E	1280001	N/A	C0111084	N/A	1993	Repair	Yes
(4) CVCS-1-RV-8121	Crosby	RV-1-8121-P	N/A	C0106759	0062	On File	Repair	Yes
(5/11)*CVCS-1-8384B	Anchor Darlg	EB018-3-1	N/A	C0102168	3673	Unknown	Replacement	No
(2) CVCS-1-HCV-105	Vulcan	95001-142-13	N/A	C0131252	1558	Unknown	Replacement	No

Description of Work (2)Rep'l Bolting (3)Mach. Repair (4)Rep'l Internals (5)Rep'l Valve (11)Rep'l Pipe (14) Att Weld

8. Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other
Pressure psi Test Temp. °F

9. Remarks ** Hydro pressure=275 psi, Temp= 55 deg F.
* Hydro pressure=3419 psi, at ambient temp.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this Repair/Replacement conforms to Section XI of the ASME Code. Signed David A. Vosburg NSSS Director FEB. 2, 1996
(Owner or Owner's Designee) David A. Vosburg (Title) (Date)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of California, employed by H.S.B.I. & I. Co. of Hartford, CT. have inspected the Repair/Replacement described in this Report on 2-2, 1996 and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date Feb. 2, 1996 Kenny D. Kim Commissions CA 1828 - NB 9990
(Inspector) (State or Province, National Board)
Kenny D. Kim

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

Owner 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
P.O. Box 56, Avila Beach CA 93424

3. Work Performed by Owner
See Above Repair Org. P.O. No., Job No., etc.

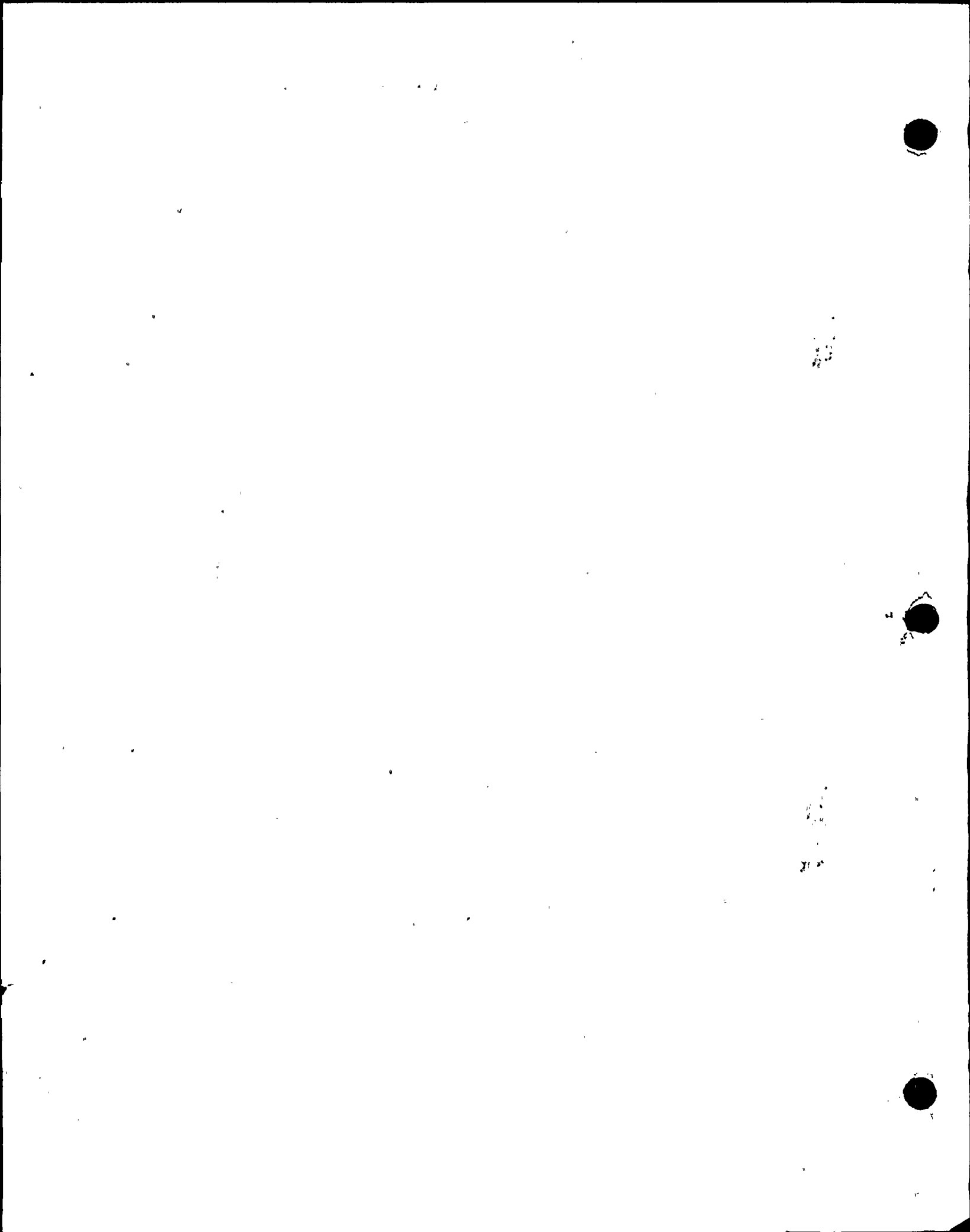
4. Identification of System Chemical and Volume Control System (08)
(See Below - Stamp Column)

5. (a) Applicable Construction Code 19 Edition Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1977, S'78 Addenda, Code Cases N/A

6. Identification of components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
(4) CVCS-1-8387C	Velan	6A19	N/A	C0131251	1475	Unknown	Replacement	No
(4) PDP 1-1	Union Pp	274173	N/A	C0132154	N/A	Unknown	Replacement	No
(2) PDP 1-1	Union Pp	274173	N/A	C0132391	N/A	Unknown	Replacement	No
(3) PDP 1-1	Union Pp	274173	N/A	C0132391	N/A	Unknown	Repair	No
(14) PDP 1-1	Union Pp	274173	N/A	R0143893	N/A	Unknown	Replacement	No
*** (12) line 1662	PG&E	N/A	N/A	C0099009	1662	Unknown	Replacement	No
(4) CVCS-1-8440	Anchor Darlg	N/F	N/A	C0140054	0041	Unknown	Replacement	No
CCP 1-2	Pacific Pump	45617	N/A	C0137969	N/A	Unknown	Repair	No
Line 0046 Flange	PG&E	N/A	N/A	C0120118	0046	Unknown	Repair	No

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



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

Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 1 of 2

2. Plant Diablo Canyon Power Plant Unit 1
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 Chemical and Volume Control System (08)
(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 - 1977, S'78 Addenda, Code Cases N/A

6. Identification of components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
(3) 73-88	PG&E	N/A	N/A	C0138829	1468	Unknown	Repair	No
(9) 55S-124R	PG&E	N/A	N/A	C0131732	0048	Unknown	Replacement	No
(8) 99-78	PG&E	N/A	N/A	C0096798	2401	Unknown	Replacement	No
(8) 73-91R	PG&E	N/A	N/A	C0109572	0044	Unknown	Replacement	No
(8) 186-11R	PG&E	N/A	N/A	C0138955	N/A	Unknown	Replacement	No
(14) 73-88	PG&E	N/A	N/A	C0138829	1463	Unknown	Repair	No

Description of Work (3) Mach. Work Repair (8) Replace Support Parts (9) Delete Support Parts (14) Cope Support

8. Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other
Pressure psi Test Temp. °F

9. Remarks _____

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this Repair/Replacement conforms to Section XI of the ASME Code. Signed David A. Vosburg NSSS Director Feb 2 1996
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of California, employed by H.S.B.I. & I. Co. of Hartford, CT. have inspected the Repair/Replacement described in this Report on 2-2, 1996 and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date Feb. 2, 1996 Kenny D. Kim Commissions CA 1828 - NB 9990
(Inspector) (State or Province, National Board)

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

Owner 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
P.O. Box 56, Avila Beach CA 93424

3. Work Performed by Owner
See Above Repair Org. P.O. No., Job No., etc.

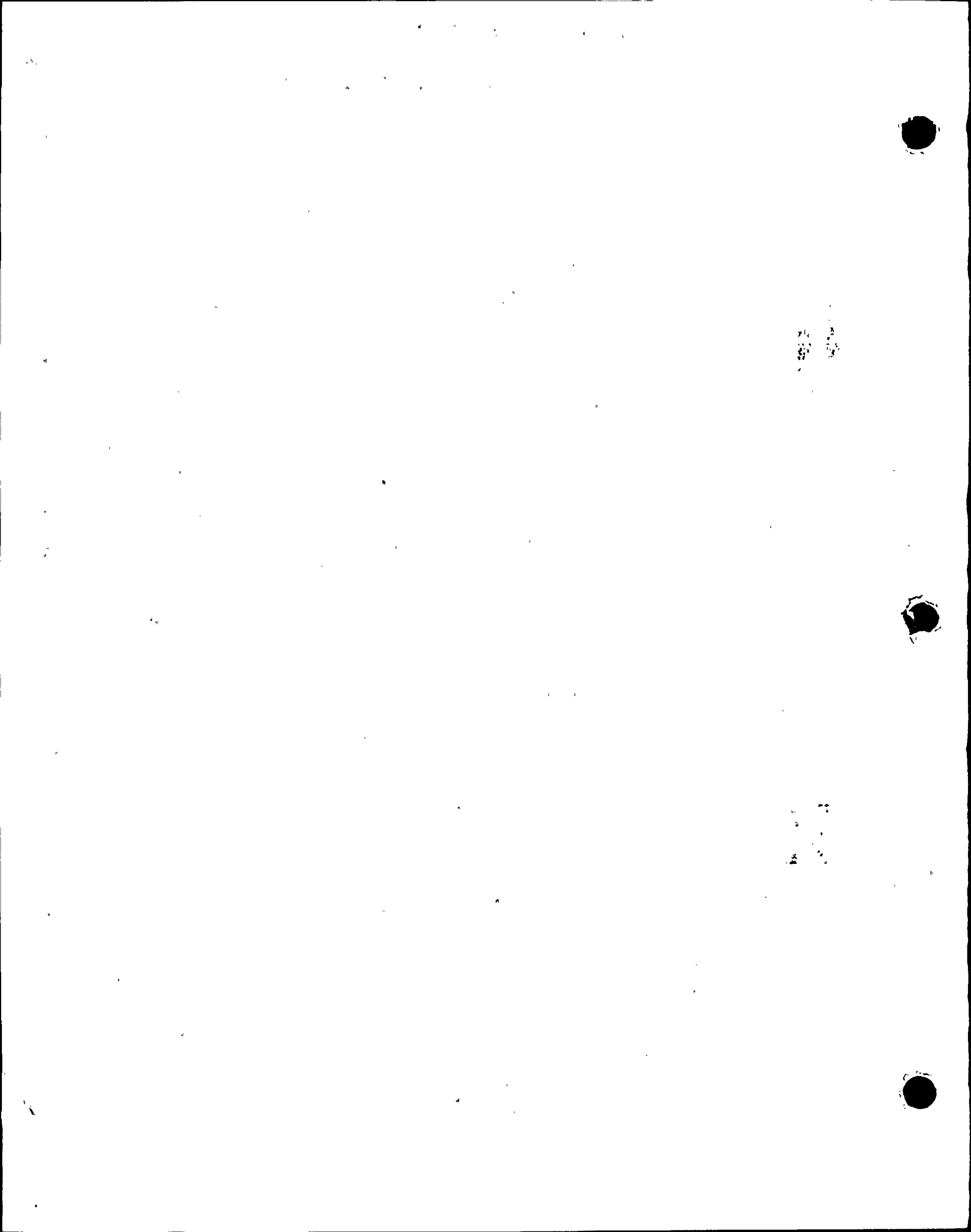
4. Identification of System Chemical And Volume Control System (08)
(See Below - Stamp Column)

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
(3) 73-34	PG&E	N/A	N/A	C0138221	1464	Unknown	Repair	No
(9) 55s-124R	PG&E	N/A	N/A	C0131732	0048	Unknown	Replacement	No
(8) 12-158SL	PSA	392	N/A	C0136250	1042	Unknown	Replacement	No
(14) 23-284R	PG&E	N/A	N/A	C0130774	6128	Unknown	Repair	No

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



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

Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 1 of 1

2. Plant Diablo Canyon Power Plant Unit 1
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 Safety Injection System (09)
(See Below - Code Stamp Column)

5. (a) Applicable Construction Code 19 Edition 19 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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
* (14) Accum 1-2 noz.	Delta South	41048-70-8	2566	C0105021	N/A	1970	Replacement	Yes
* (14) Accum 1-4 noz.	Delta South	41049-70-2	2566	C0104295	N/A	1970	Replacement	Yes
* (13) SI-1-8951C	Anchor Darg	3528	N/A	C0093912	S1-2"	Unknown	Replacement	Yes
(15) SI-1-8981	Velan Valve	0293	N/A	C0127396	0223	Unknown	Replacement	No
(4) SI-1-8949B	Velan Valve	N/F	N/A	C0133708	0236	Unknown	Replacement	No
* (13) SI-1-8953B	Anchor Darg	3533	N/A	C0093899	S1-2"	Unknown	Replacement	Yes

Description of Work (4) Replace Internals (13) Replace valve (14) Replace Nozzle (15) Replace Lugs

8. Tests Conducted: * Hydrostatic X Pneumatic Nominal Operating Pressure Other
Pressure 770 psi Test Temp. Ambient °F

9. Remarks

CERTIFICATE OF COMPLIANCE

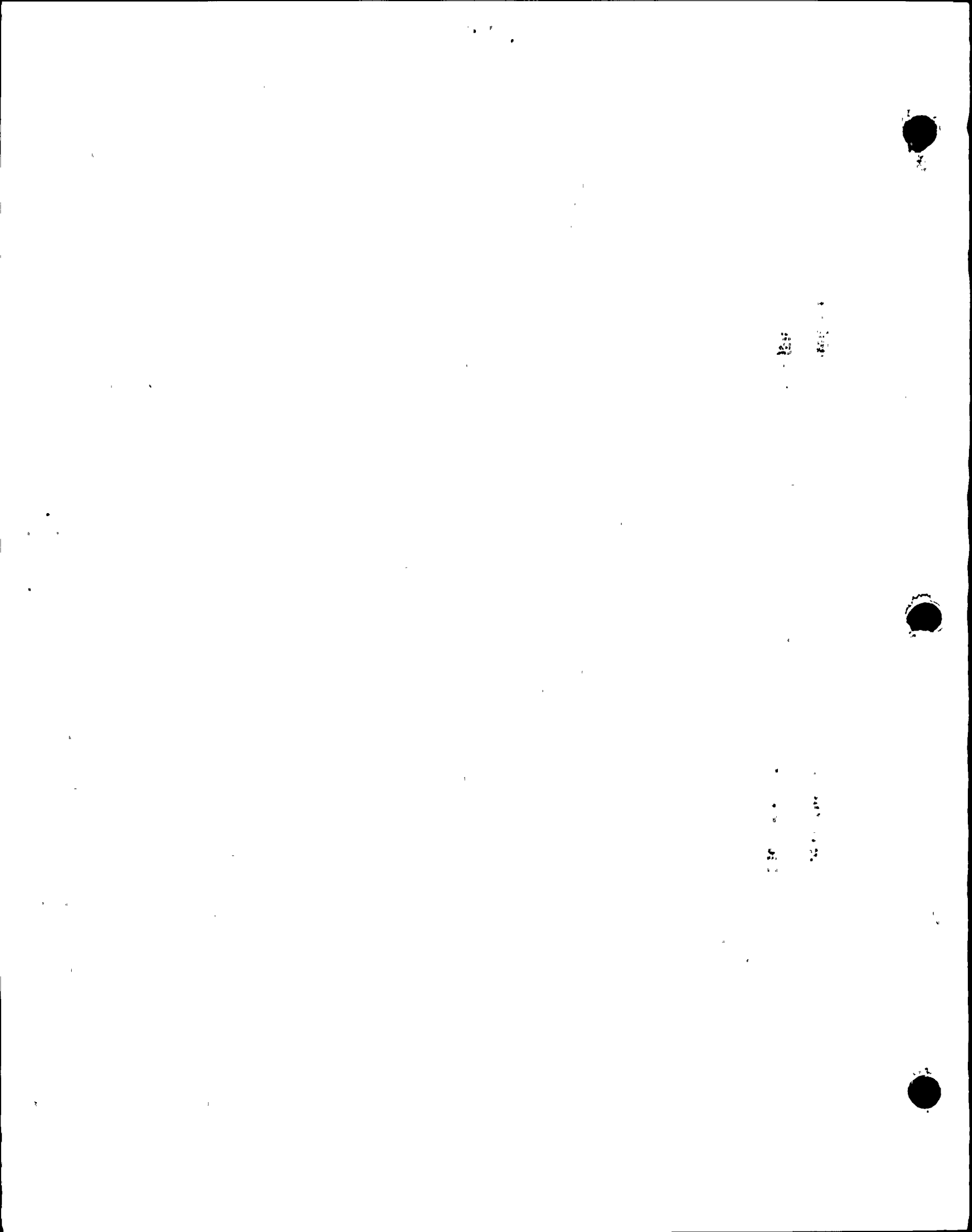
We certify that the statements made in this report are correct and this Replacement conforms to Section XI of the ASME Code. Signed David A. Vosburg NSSS Director Feb 2, 1996
(Owner or Owner's Designee) (Title) (Date)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of California, employed by H.S.B.I. & I. Co. of Hartford, CT. have inspected the Replacement described in this Report on 2-2, 1996 and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date Feb. 2, 1996 Kenny D. Kim Commissions CA 1828 - NB 9990
(Inspector) (State or Province, National Board)

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

1. Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 1 of 1

2. Plant Diablo Canyon Power Plant Unit 1
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 Safety Injection System (09)
(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 - 19 77, S'78 Addenda, Code Cases N/A

6. Identification of components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
(12) 288-78R	PG&E	N/A	N/A	C0098669	1661	1992	Replacement	No

Description of Work (12) New Support

8. Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other
Pressure psi Test Temp. °F

9. Remarks

CERTIFICATE OF COMPLIANCE

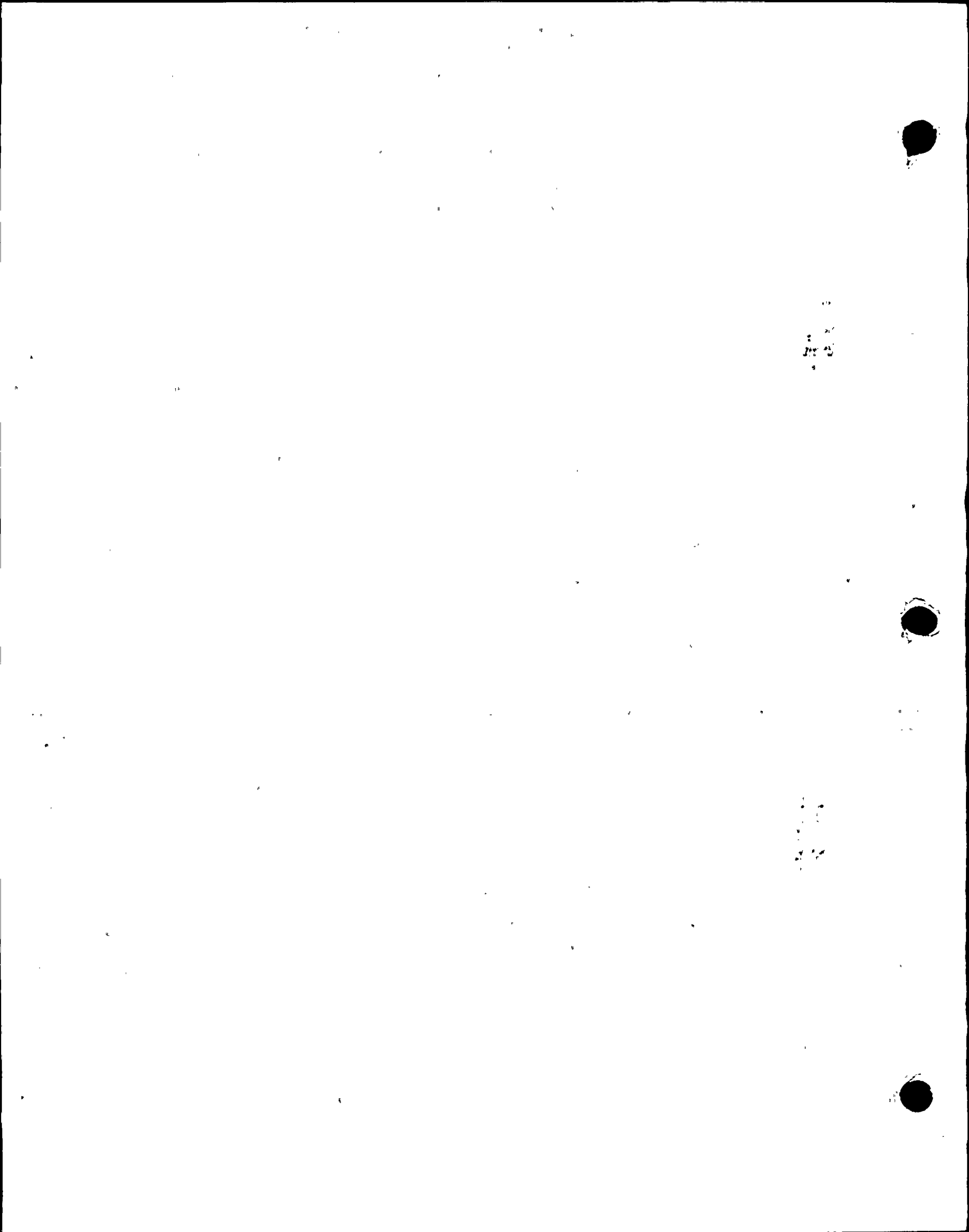
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FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 1 of 1

2. Plant Diablo Canyon Power Plant Unit 1
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 Residual Heat Removal System (10)
(See Below - Code Stamp Column)

5. (a) Applicable Construction Code 19 Edition 19 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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
(2) Line 111 Flange	PG&E	N/A	N/A	C0135439	0111	Unknown	Replacement	No
(2) RHR Pp Flange	PG&E	N/A	N/A	C0135439	0111	Unknown	Replacement	No
(2) RHR-1-8703	Velan Valve	24777	N/A	C0133719	0985	Unknown	Replacement	No

Description of Work (2) Replace Bolting

8. Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other
Pressure psi Test Temp. °F

9. Remarks

CERTIFICATE OF COMPLIANCE

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

1. Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 1 of 2

2. Plant Diablo Canyon Power Plant Unit 1
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 Residual Heat Removal System (10)
(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 - 19 77, S'78 Addenda, Code Cases N/A

6. Identification of components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
(8) 22-575SL	Anchor Darig	1061	N/A	C0098672	1986	Unknown	Replacement	No
(8) 55-1	PG&E	N/A	N/A	C0098673	2355	Unknown	Replacement	No
(8) 15-112R	PG&E	N/A	N/A	C0098688	0985	Unknown	Replacement	No
(8) 15-26R	PG&E	N/A	N/A	C0098693	0224	Unknown	Replacement	No
(8) 23-162R	PG&E	N/A	N/A	C0098696	1662	Unknown	Replacement	No
(8) 23-164R	PG&E	N/A	N/A	C0098698	1662	Unknown	Replacement	No

Description of Work (8) Replace Support Parts

8. Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other
Pressure psi Test Temp. °F

9. Remarks

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this Replacement conforms to Section XI of the ASME Code. Signed David A. Vosburg NSSS Director Feb. 2, 1996
(Owner or Owner's Designee) (Title) (Date)

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

Owner 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
P.O. Box 56, Avila Beach CA 93424

3. Work Performed by Owner Repair Org. P.O. No., Job No., etc.
See Above

4. Identification of System Residual Heat Removal System (10)
 (See Below - Stamp Column)

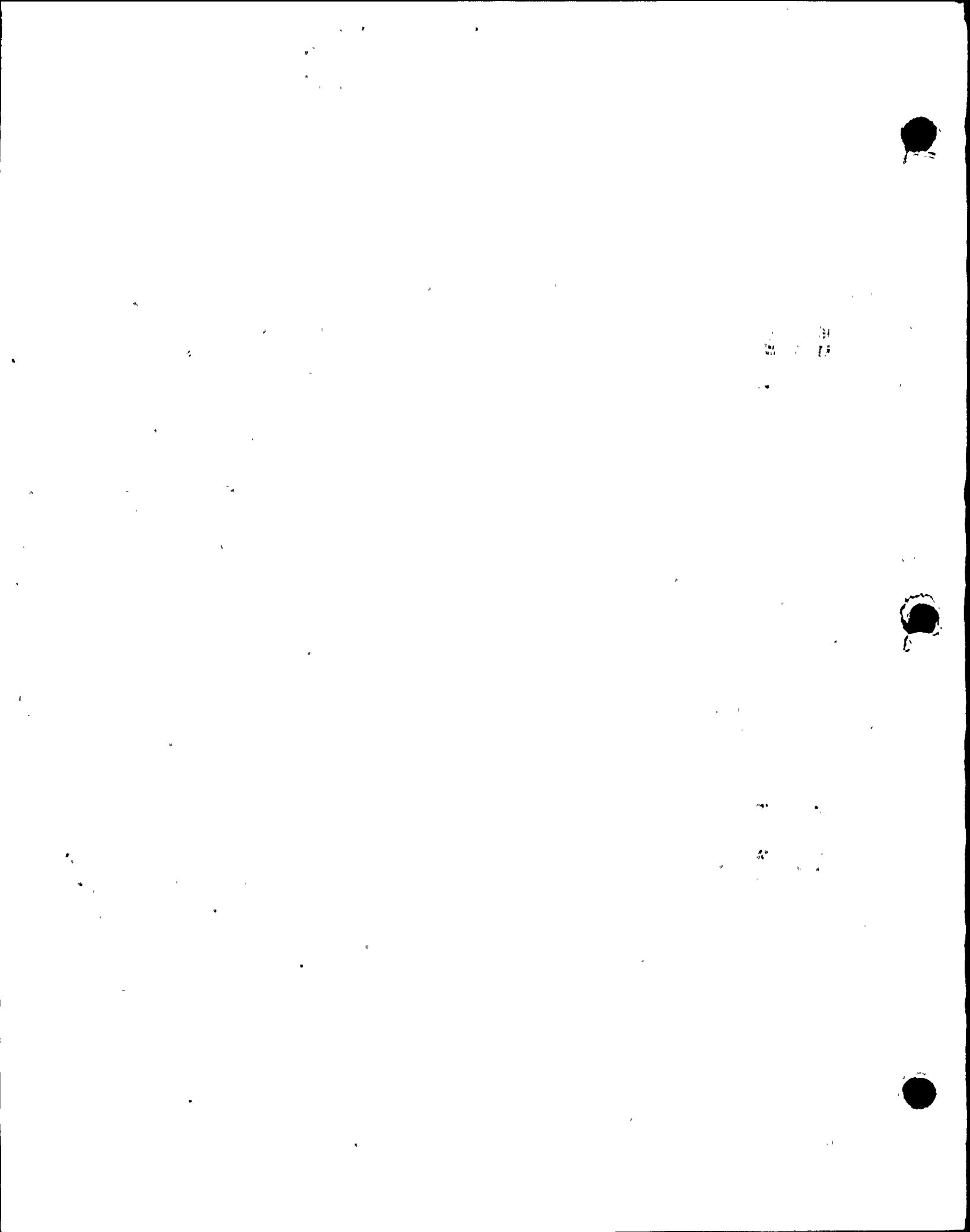
5. (a) Applicable Construction Code 19 Edition Addenda, Code Cases N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1977, S'78 Addenda, Code Cases N/A

6. Identification of components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(8) 23-164R	PG&E	N/A	N/A	C0098698	1662	Unknown	Replacement	No
(8) 288-77R	PG&E	N/A	N/A	C0098713	0119	Unknown	Replacement	No
(8) 15-27SL	PSA-NF	3241	N/A	C0100107	0118	Unknown	Replacement	Yes

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



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

Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 1 of 1

2. Plant Diablo Canyon Power Plant Unit 1
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 Spent Fuel Pit Cooling System (13)
(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 - 19 77, S'78 Addenda, Code Cases N/A

6. Identification of components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
(8) Spent Fuel Pp-1	Goulds Pump	221B163	N/A	C-115581	N/A	Unknown	Replacement	No

Description of Work (8) Replace Support Parts

8. Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other
Pressure psi Test Temp. °F

9. Remarks

CERTIFICATE OF COMPLIANCE

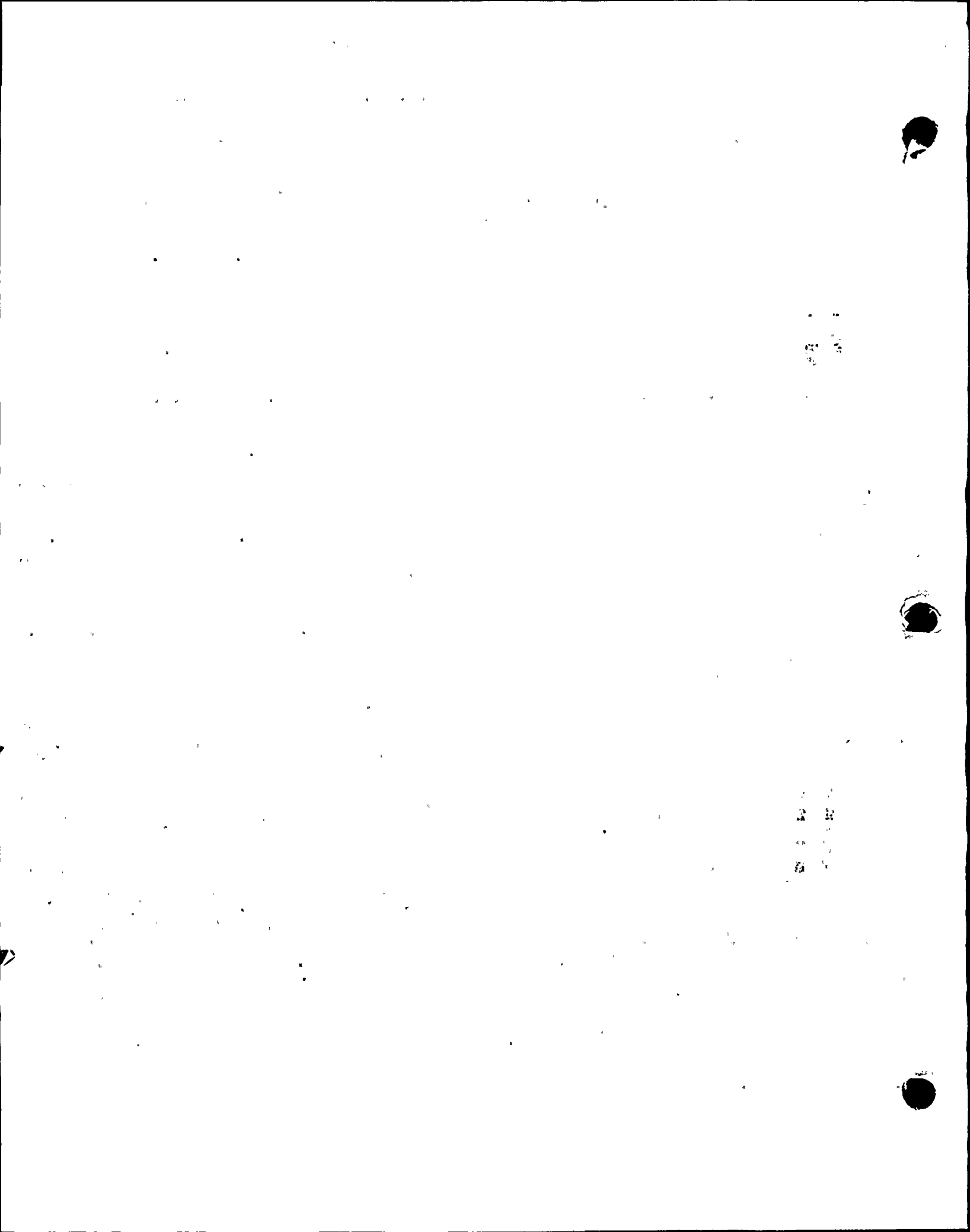
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(Owner or Owner's Designee) David A. Vosburg (Title) (Date)

CERTIFICATE OF INSPECTION

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

Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 1 of 1

2. Plant Diablo Canyon Power Plant Unit 1
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 Component Cooling Water System (14)
(See Below - Code Stamp Column)

5. (a) Applicable Construction Code 19 Edition 19 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1977, S'78 Addenda, Code Cases N/A

6. Identification of components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
(3) CCH-1-581	Rockwell	N/F	N/A	C0138605	3004	Unknown	Repair	No
(4) CCH-1-RV-52	Lonergon	11460-2-4-11	N/A	R0064362	3292	Unknown	Replacement	No

Description of Work (3) Machine Work (4) Replace Internals

8. Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other
Pressure psi Test Temp. °F

9. Remarks

CERTIFICATE OF COMPLIANCE

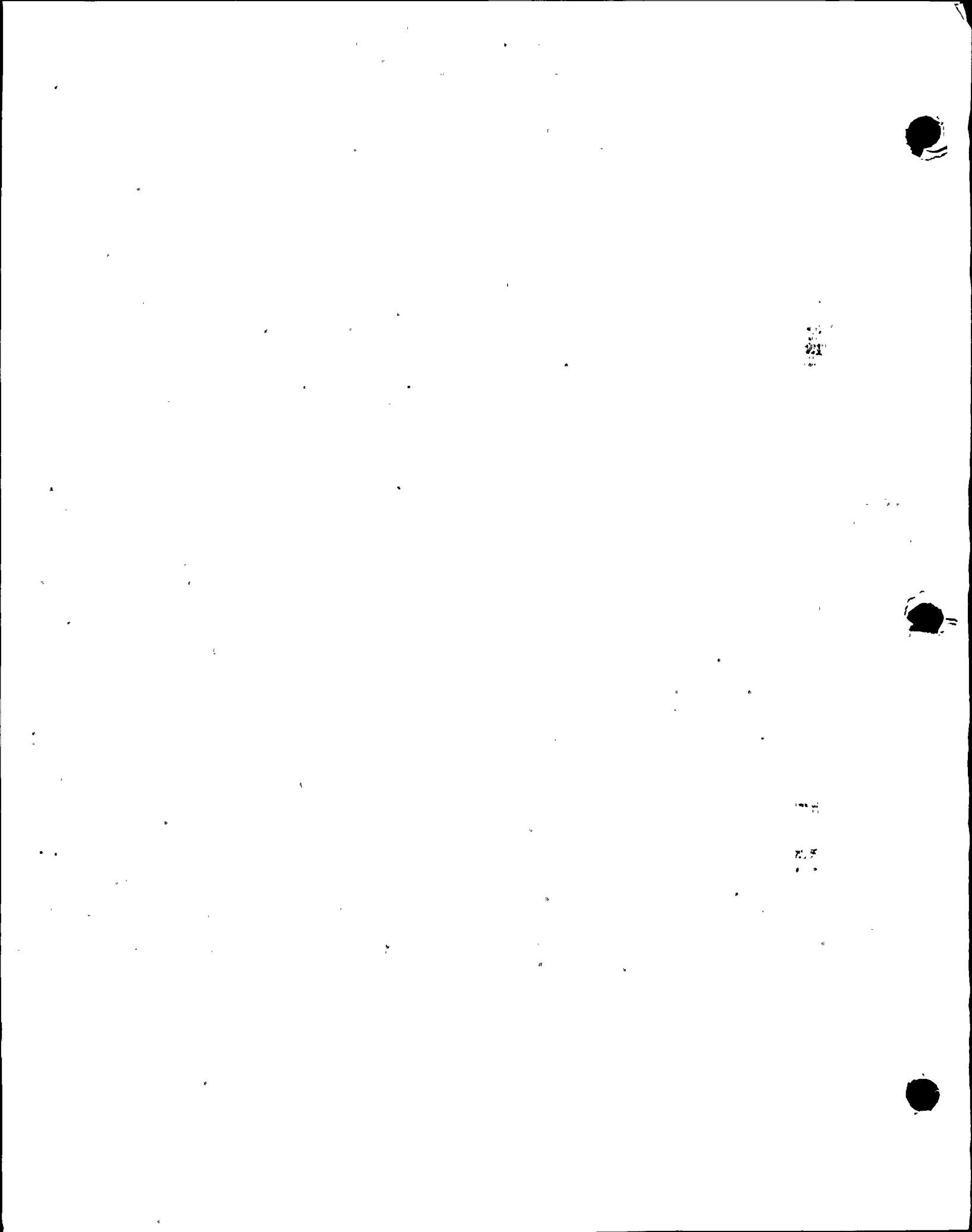
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(Owner or Owner's Designee) David A. Vosburg (Title) Feb. 2, 1996 (Date)

CERTIFICATE OF INSPECTION

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As Required by the Provisions of ASME Code Section XI

Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 1 of 1

2. Plant Diablo Canyon Power Plant Unit 1
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 Component Cooling System (14)
(See Below - Code Stamp Column)

5. (a) Applicable Construction Code 19 Edition 19 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1977, S'78 Addenda, Code Cases N/A

6. Identification of components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
(1) 22-72SL	PSA	1592	N/A	C0136224	3171	Unknown	Replacement	No
(1) 14-47BSL	PSA	9084	N/A	C0136253	0099	Unknown	Replacement	Yes

Description of Work (1) Replace Hanger

8. Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other
Pressure psi Test Temp. °F

9. Remarks

CERTIFICATE OF COMPLIANCE

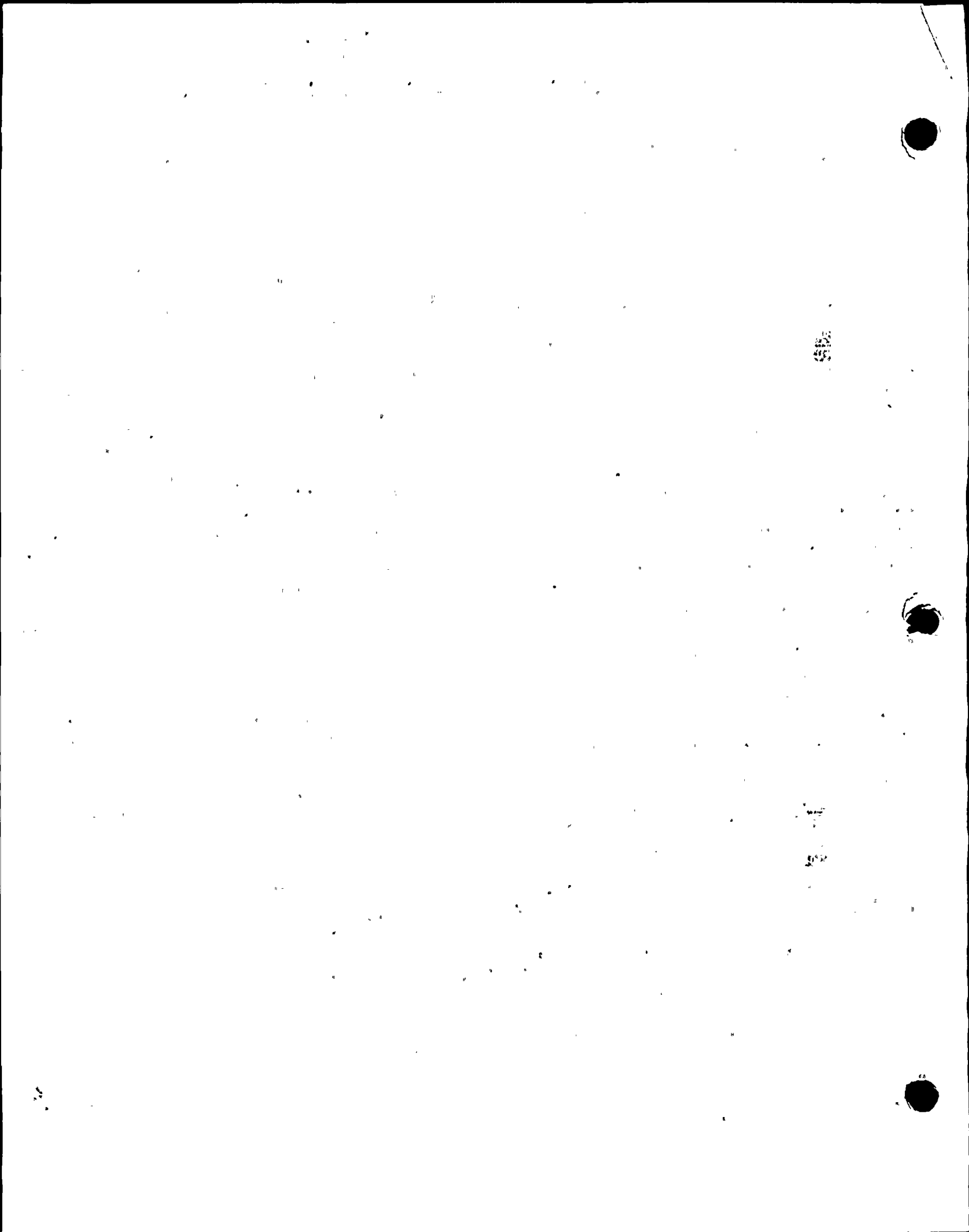
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(Owner or Owner's Designee) (Title) (Date)

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of California, employed by H.S.B.I. & I. Co. of Hartford, CT. have inspected the Replacement described in this Report on 2-2, 1996 and state that to the best of my knowledge and belief, this repair or replacement has been constructed in accordance with Section XI of the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

Date Feb. 2, 1996 Kenny D. Kim Commissions CA 1828 - NB 9990
(Inspector) (State or Province, National Board)

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



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

Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 1 of 1

2. Plant Diablo Canyon Power Plant Unit 1
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 Liquid Radwaste System (19)
(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 - 1977, S'78 Addenda, Code Cases N/A

6. Identification of components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
(14) LWS-1-8787	Grinnell	N/F	N/A	C0138516	3001	Unknown	Replacement	No

Description of Work (14) Replaced Bonnet

8. Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other
Pressure psi Test Temp. °F

9. Remarks

CERTIFICATE OF COMPLIANCE

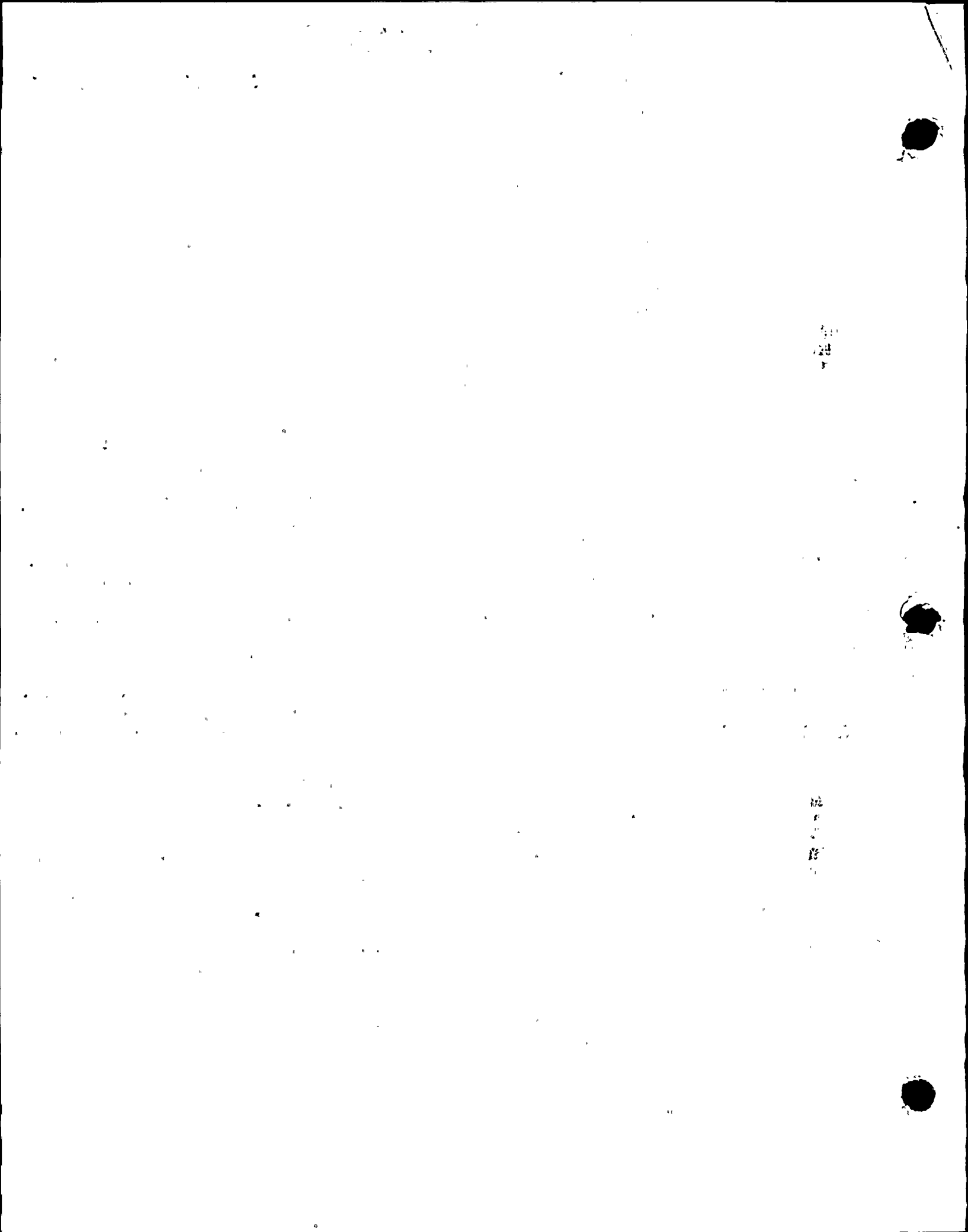
We certify that the statements made in this report are correct and this Replacement conforms to Section XI of the ASME Code. Signed David A. Vosburg NSSS Director FEB. 2, 1996
(Owner or Owner's Designee) (Title) (Date)

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

1. Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 1 of 1

2. Plant Diablo Canyon Power Plant Unit 1
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 Vent And Air Conditioning System (23)
(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 - 19 77, S'78 Addenda, Code Cases N/A

6. Identification of components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
(2) VAC-1-201	EnerTech	10183	N/A	C0110854	4388	Unknown	Replacement	No
(4) VAC-1-120	WKM	N/F	N/A	C0132339	S2-2"	Unknown	Replacement	No

Description of Work (2) Replace Bolting (4) Replace Internals

8. Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other
Pressure psi Test Temp. °F

9. Remarks

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this Replacement conforms to Section XI of the ASME Code. Signed David A. Vosburg NSSS Director FEB. 2, 1996
(Owner or Owner's Designee) David A. Vosburg (Title) (Date)

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Date Feb. 2, 1996 Kenny D. Kim Commissions CA 1828 - NB 9990
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FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 1 of 1

2. Plant Diablo Canyon Power Plant Unit 1
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 Compressed Air System (25)
(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 - 1977, S'78 Addenda, Code Cases N/A

6. Identification of components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
(4) AIR-S-1-200	Contromatics	N/F	N/A	C0138628	3941	Unknown	Replacement	No
(4) AIR-S-1-114	Mission Drill	N/F	N/A	C0124251	3941	Unknown	Replacement	No

Description of Work (4) Replace Valve

8. Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other
Pressure psi Test Temp. °F

9. Remarks

CERTIFICATE OF COMPLIANCE

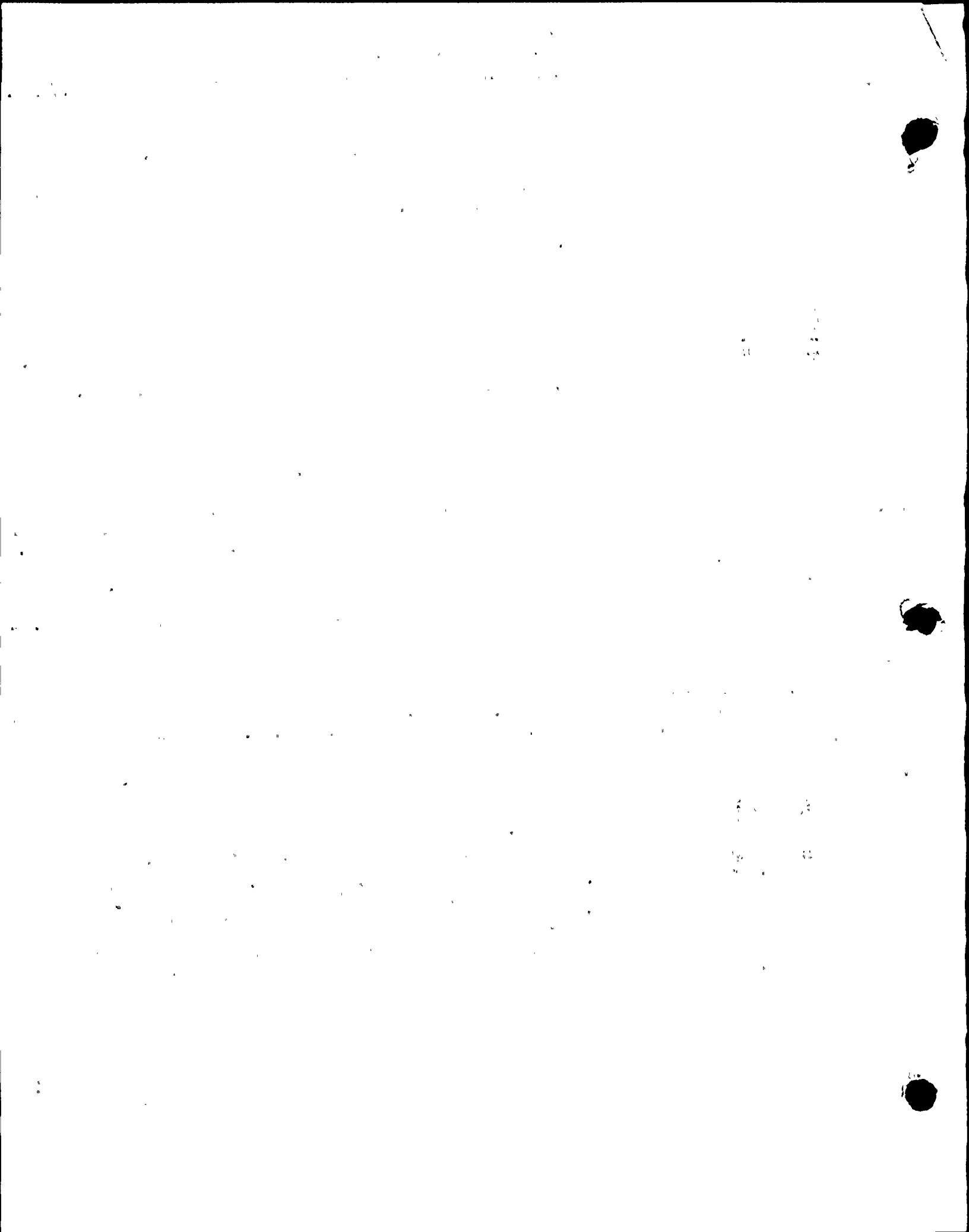
We certify that the statements made in this report are correct and this Replacement conforms to Section XI of the ASME Code. Signed David A. Vosburg NSSS Director Feb. 2, 1996
(Owner or Owner's Designee) David A. Vosburg (Title) (Date)

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

1. Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 1 of 2

2. Plant Diablo Canyon Power Plant Unit 1
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 Containment Structure (45)
(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 - 19 77, S'78 Addenda, Code Cases N/A

6. Identification of components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired or Replaced	ASME Code Stamped (Yes or No)
(4) Personnel Hatch	Pitts-DesMoil	N/F	N/A	C0111129	N/A	Unknown	Replacement	Yes
(4) Emergency Hatch	Pitts-DesMoil	N/F	N/A	C0111130	N/A	Unknown	Replacement	Yes
(6) Personnel Hatch	Pitts-DesMoil	N/F	N/A	C0122792	N/A	Unknown	Replacement	Yes
(6) Personnel Hatch	Pitts-DesMoil	N/F	N/A	C0122794	N/A	Unknown	Replacement	Yes
(3) Personnel Hatch	Pitts-DesMoil	N/F	N/A	C0124053	N/A	Unknown	Replacement	Yes
(4) VAC-1-121	W.K.M.	N/F	N/A	C0111130	S2-2"	Unknown	Replacement	No

Description of Work (3) Mach. Work Repair (4) Replace Internals (6) Replace By Welding

8. Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other
Pressure psi Test Temp. °F

9. Remarks

CERTIFICATE OF COMPLIANCE

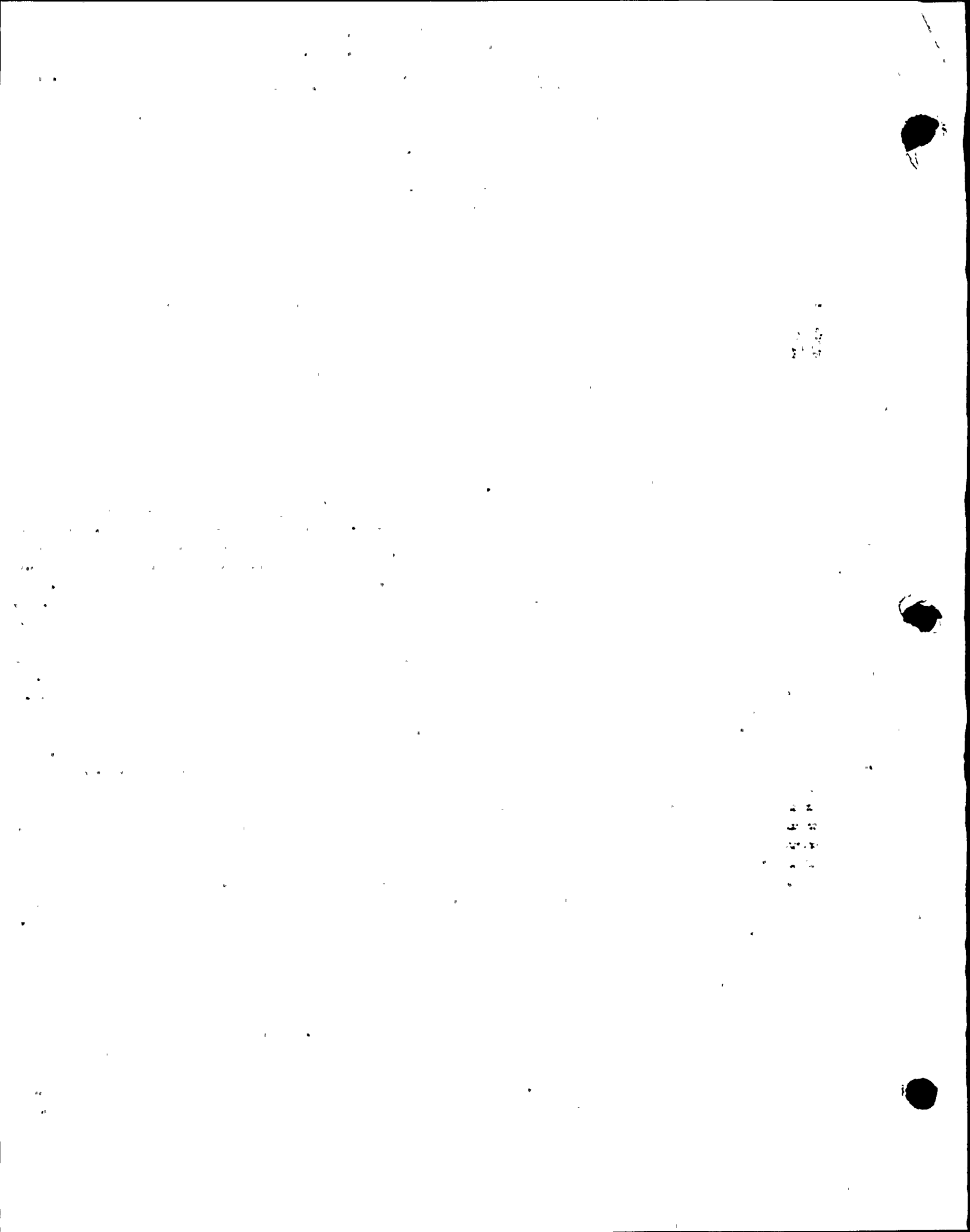
We certify that the statements made in this report are correct and this Repair/ Replacement conforms to Section XI of the ASME Code. Signed David A. Vosburg NSSS Director FEB. 2, 1996
(Owner or Owner's Designee) (Title) (Date)

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Date Feb. 2, 1996 Kenny D. Kim Commissions CA 1828 - NB 9990
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FORM NIS-2 OWNER'S REPORT OF REPAIR OR REPLACEMENT
As Required by the Provisions of ASME Code Section XI

Owner 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
P.O. Box 56, Avila Beach CA 93424

3. Work Performed by Owner
See Above Repair Org. P.O. No., Job No., etc.

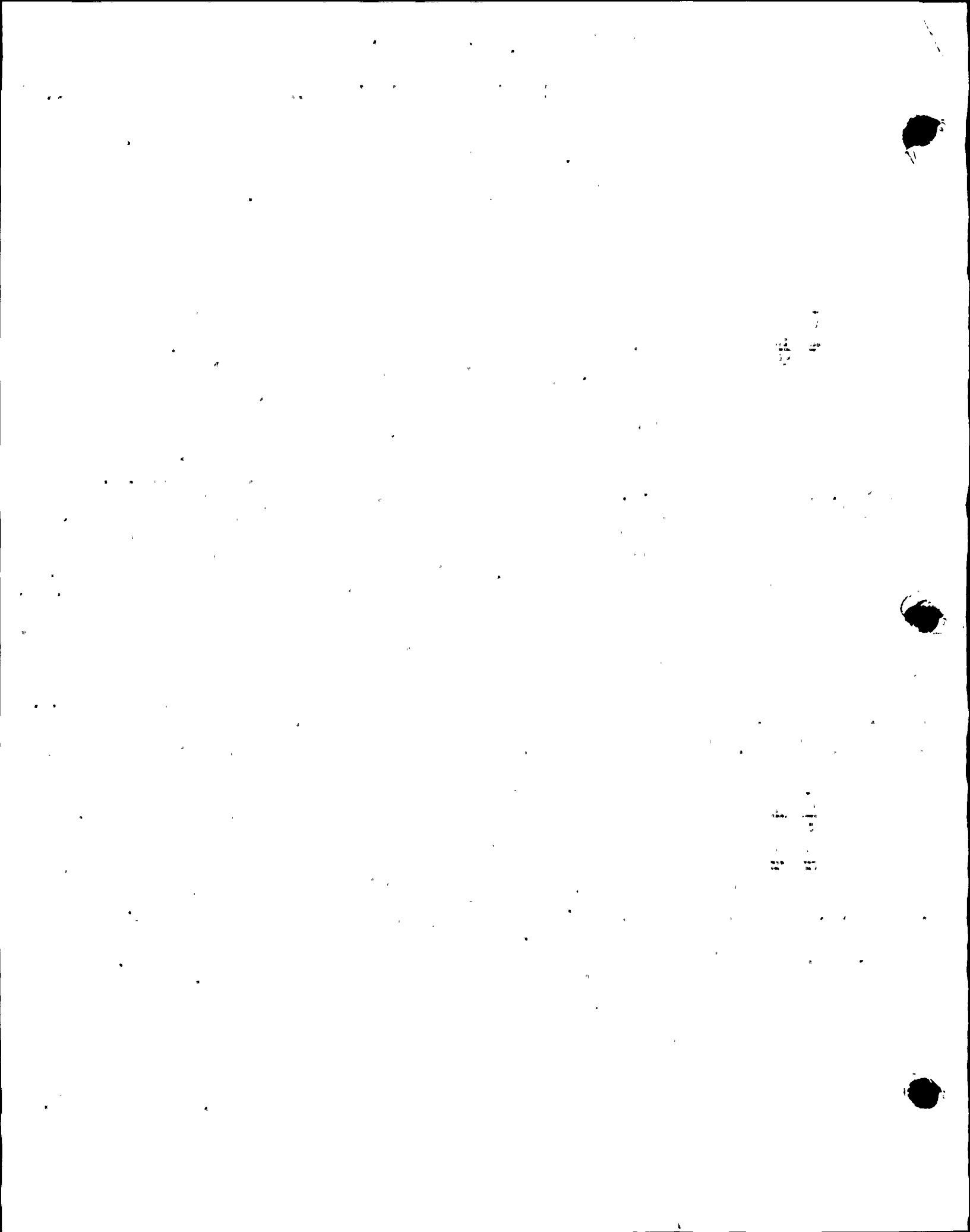
4. Identification of System Containment Structure (45)
(See Below - Stamp Column)

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

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
(4) VAC-1-122	W.K.M.	N/F	N/A	C0111130	S-2"	Unknown	Replacement	Yes
(3) Personnel Hatch	W.K.M.	N/F	N/A	C0122800	S-2"	Unknown	Repair	Yes
(3) Personnel Hatch	W.K.M.	N/F	N/A	C0122794	S-2"	Unknown	Repair	Yes
(6) Personnel Hatch	Pitts DesMoi	N/F	N/A	C0124053	N/A	Unknown	Replacement	Yes
(6) Personnel Hatch	Pitts DesMoi	N/F	N/A	C0122792	N/A	Unknown	Replacement	Yes
(6) Personnel Hatch	Pitts DesMoi	N/F	N/A	C0122655	N/A	Unknown	Replacement	Yes

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



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

Owner Pacific Gas and Electric Company Date December 26, 1995
77 Beale Street, San Francisco, CA 94106 Sheet 1 of 2

2. Plant Diablo Canyon Power Plant Unit 1
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 Warehouse Spare Parts (85)
(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 - 19 77, S'78 Addenda, Code Cases N/A

6. Identification of components Repaired or Replaced, and Replacement Components

Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
(14) S/C 88-1365	Velan Valve	0930	N/A	C0119876	N/A	On File	Replacement	Yes
(14) S/C 88-1365	Velan Valve	0816	N/A	C0119876	N/A	On File	Replacement	Yes
(14) S/C 88-1365	Velan Valve	0954	N/A	C0119876	N/A	On File	Replacement	Yes
(14) S/C 88-1365	Velan Valve	1026	N/A	C0119876	N/A	On File	Replacement	Yes
(14) S/C 88-1365	Velan Valve	1054	N/A	C0119876	N/A	On File	Replacement	Yes
(2/3) S/C 88-1365	Velan Valve	1054	N/A	C0099369	N/A	On File	Replacement	Yes

Description of Work (14) Weld Buildup (2) Replace Bolting (3) Mach. Work Repair

8. Tests Conducted: * Hydrostatic Pneumatic Nominal Operating Pressure Other
Pressure psi Test Temp. °F

9. Remarks

CERTIFICATE OF COMPLIANCE

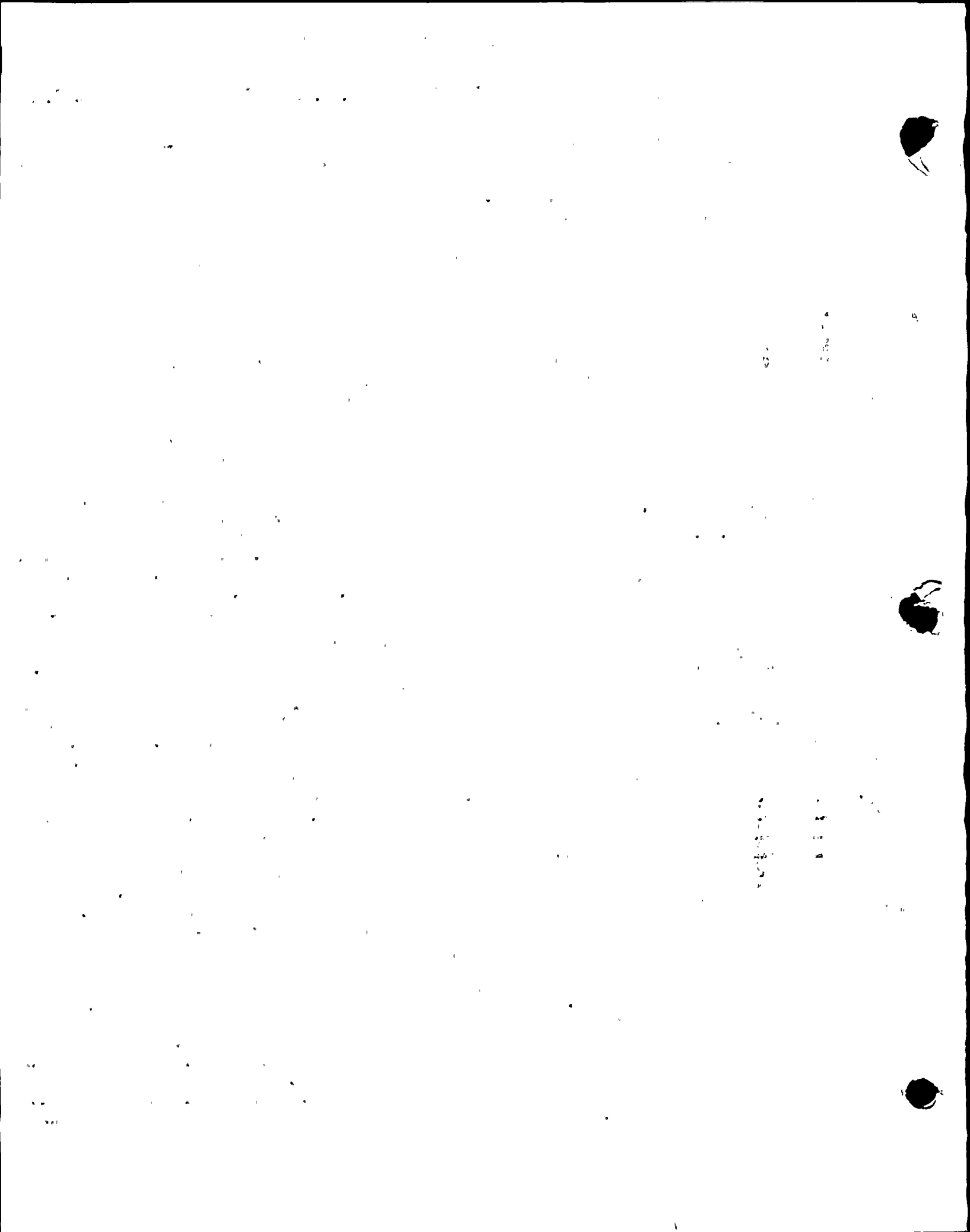
We certify that the statements made in this report are correct and this Repair/Replacement conforms to Section XI of the ASME Code. Signed David A. Vosburg NSSS Director Feb. 2, 1996
(Owner or Owner's Designee) David A. Vosburg (Title) Feb. 2, 1996 (Date)

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As Required by the Provisions of ASME Code Section XI

Owner 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
P.O. Box 56, Avila Beach CA 93424

3. Work Performed by Owner
See Above Repair Org. P.O. No., Job No., etc.

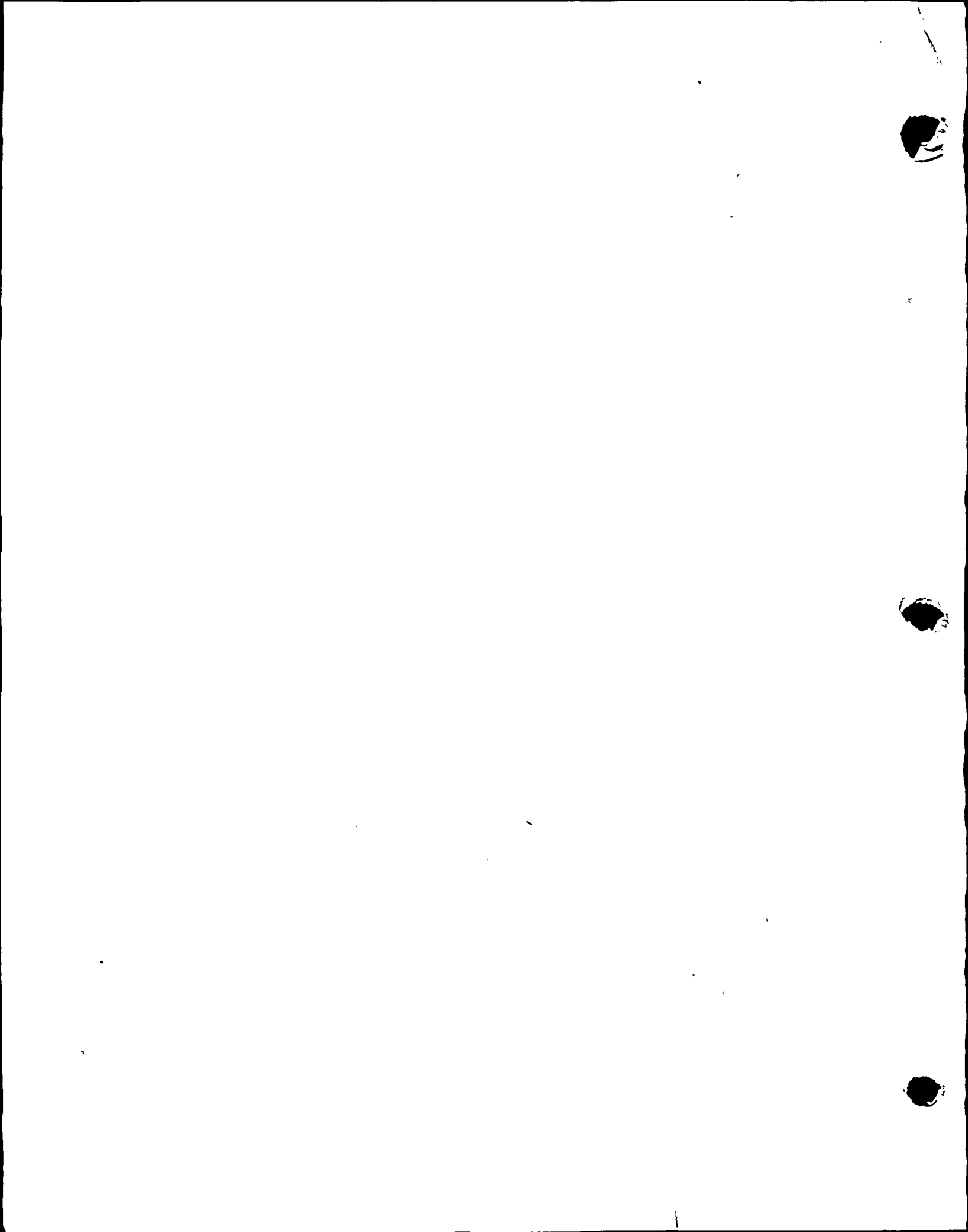
4. Identification of System Warehouse Spare Parts (85)
(See Below - Stamp Column)

5. (a) Applicable Construction Code 19 Edition 1977 Addenda, Code Cases N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements - 1977, S'78 Addenda, Code Cases N/A

6. Identification of components Repaired or Replaced, and Replacement Components

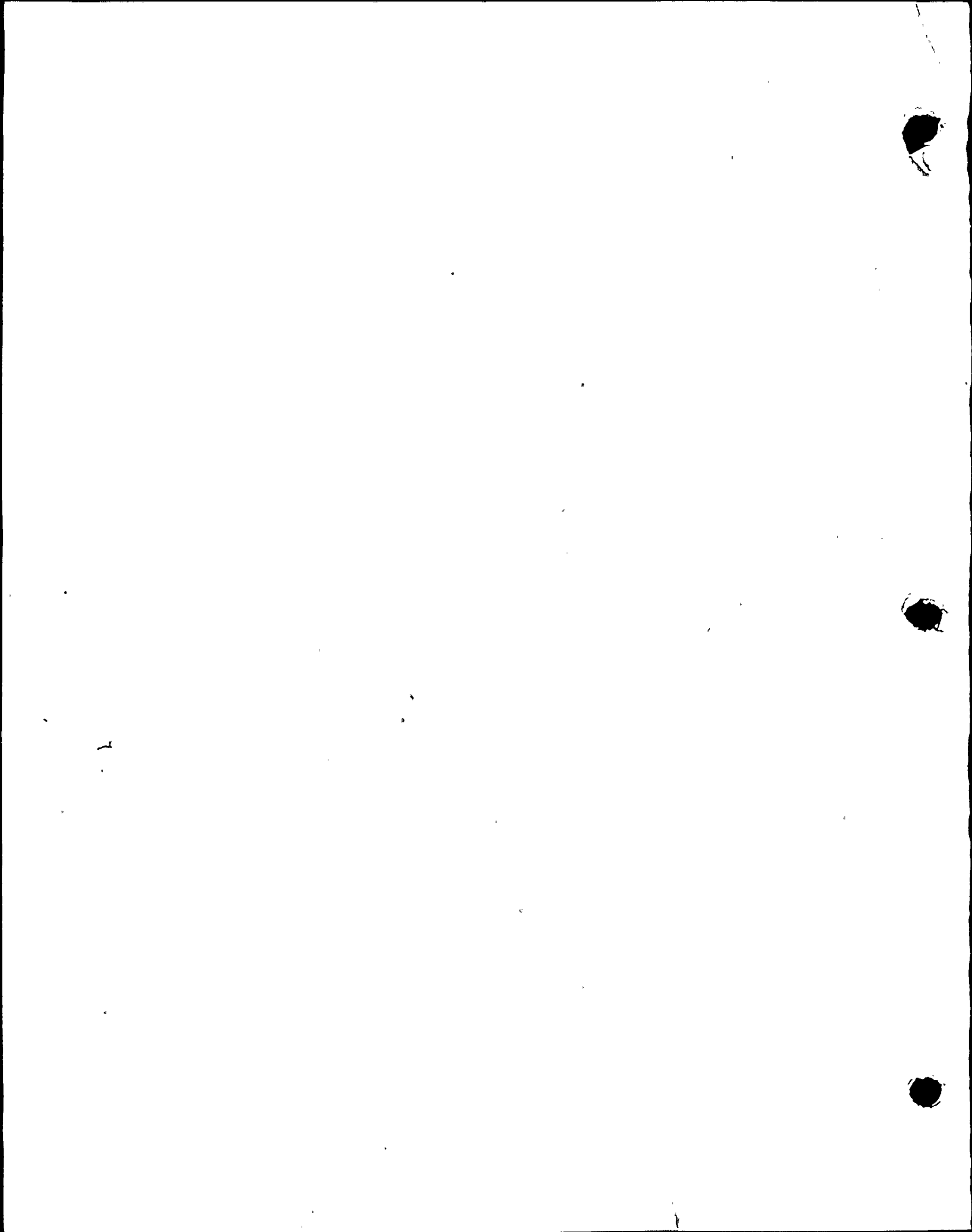
Name of Component	Name of Mfr.	Mfrs. Ser. No.	Nat'l Bd. No.	Work Order No.	Other Ident. Line No.	Year Built	Repaired Replaced, or Replacement	ASME Code Stamped (Yes or No)
(2/3) S/C 88-1365	Velan Valve	0930	N/A	C0099369	N/A	Unknown	Replacement	Yes
(2/3) S/C 88-1365	Velan Valve	0816	N/A	C0099369	N/A	Unknown	Replacement	Yes
(2/3) S/C 88-1365	Velan Valve	1026	N/A	C0099369	N/A	Unknown	Replacement	Yes
(2/3) S/C 88-1365	Velan Valve	0954	N/A	C0099369	N/A	Unknown	Replacement	Yes
(4) S/C 94-9634	Dynaseal	N/F	N/A	C0128852	N/A	Unknown	Replacement	No
(3) S/C 95-2804	John Crane	N/F	N/A	C0127445	N/A	Unknown	Replacement	No
(4) S/C 93-7965	Dresser	BM-01748	N/A	C0127150	N/A	On File	Replacement	Yes
(4) S/C 93-7965	Dresser	BM-07869	N/A	C0126996	N/A	On File	Replacement	Yes
(4) RCS-0-RV-8010	Crosby	U12S2	N/A	C0134841	N/A	On File	Replacement	Yes
(3) S/C 42-1036	Union Pump	N/F	N/A	C0134216	N/A	Unknown	Repair	No
(14/3) RCS-0-RV-8010	Crosby	U12S1	N/A	C0134850	N/A	On File	Repair	Yes
(4) RCS-0-RV-8010	Crosby	U12S1	N/A	C0134850	N/A	On File	Replacement	Yes
(3) S/C 42-2433	Dresser	AAJ38	N/A	C0137833	N/A	Unknown	Repair	No
(3) S/C 42-2433	Dresser	AAJ39	N/A	C0137833	N/A	Unknown	Repair	No
(3) S/C 42-1035/seat	Union Pump	N/F	N/A	C0135305	N/A	Unknown	Repair	No
(3) S/C 42-1035/disk	Union Pump	N/F	N/A	C0135305	N/A	Unknown	Repair	No
(4) MSSV	Dresser	BM-1454	N/A	C0135090	N/A	On File	Replacement	Yes
(4) MSSV	Dresser	BM-7852	N/A	C0135085	N/A	On File	Replacement	Yes
(4) MSSV	Dresser	BM-1748	N/A	C0135093	N/A	On File	Replacement	Yes
(3) S/C42-1036 Disch	Union Pump	N/F	N/A	C0137954	N/A	Unknown	Repair	No
(4) RCS-0-RV-8010	Crosby	U12S1	N/A	C0134492	N/A	On File	Repair	Yes
(4) S/C 94-3773	Anchor Darg	EB018-3-6	N/A	C0134491	N/A	On File	Replacement	Yes
(15) S/C 94-3368	Energy Steel	N/F	N/A	C0138448	N/A	Unknown	Replacement	No
(14) Spare SI Pp	Pacific Pump	49189	N/A	C0128123	N/A	Unknown	Replacement	No

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



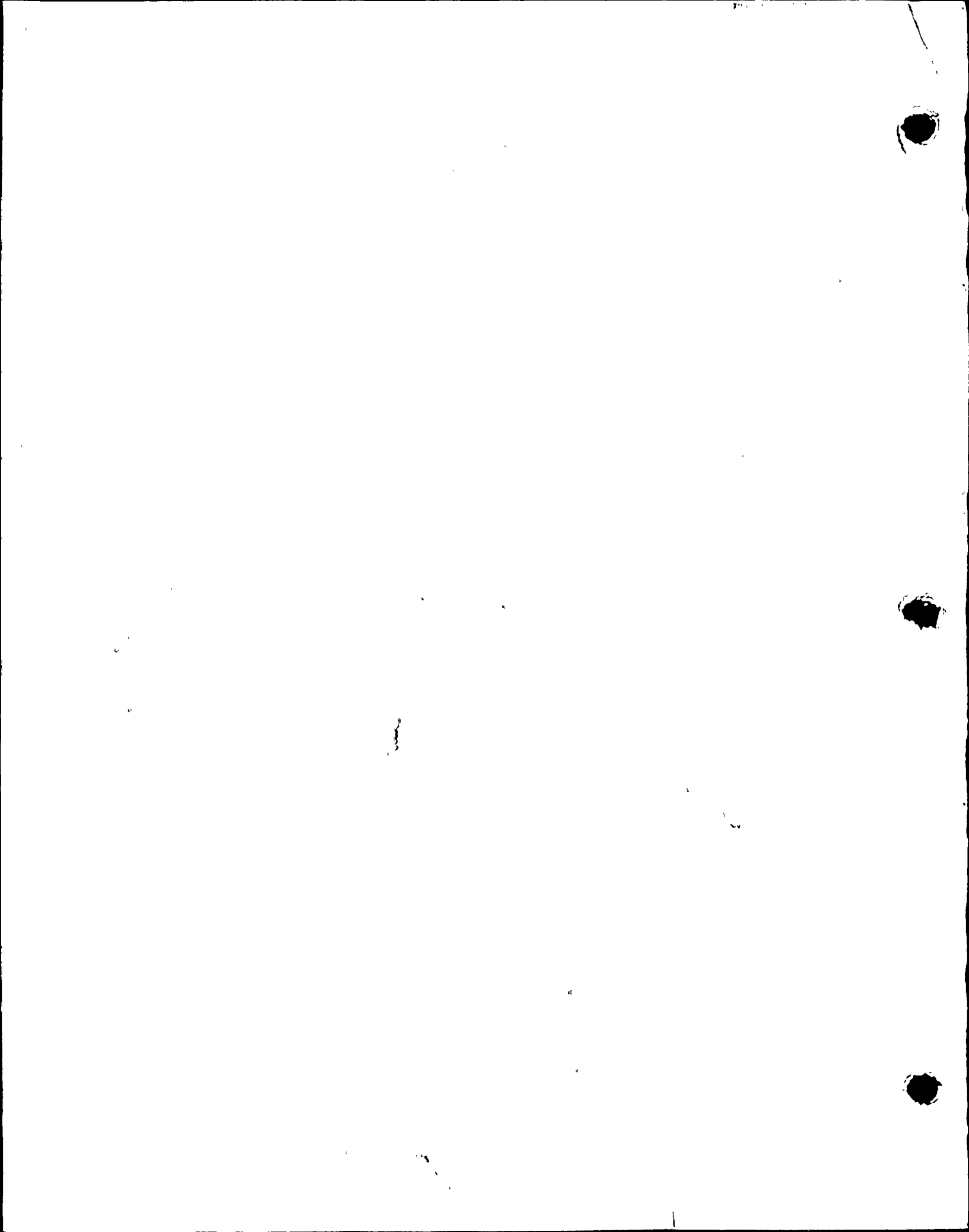
SECTION H.

LIMITED ACCESSIBILITY OF PIPING WELDS



THIRD PERIOD THIRD REFUELING OUTAGE REPORT (1R7)
ASME SECTION XI SYSTEMS - CLASS 1/2ISI PROGRAM PLAN REQUEST FOR RELIEF
#NDE-008 ADDENDA (Note 5)

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



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

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

NOTES:

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.

