

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8802290276 DOC. DATE: 88/02/26 NOTARIZED: NO DOCKET #
 FACIL: 50-275 Diablo Canyon Nuclear Power Plant, Unit 1, Pacific Ga 05000275
 AUTH. NAME AUTHOR AFFILIATION
 SHIFFER, J. D. Pacific Gas & Electric Co.
 RECIP. NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: Forwards description of Class 1,2 & 3 components scheduled for inservice insp during second refueling outage, including relief requests. Ack of receipt of matl requested.

DISTRIBUTION CODE: A001D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 33
 TITLE: OR Submittal: General Distribution

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL		RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	
	PD5 LA	1	0	PD5 PD	5	5
	ROOD, H	1	1			
INTERNAL:	ACRS	6	6	ARM/DAF/LFMB	1	0
	NRR/DEST/ADS7E4	1	1	NRR/DEST/CEB8H7	1	1
	NRR/DEST/MTB 9H	1	1	NRR/DEST/RSB 8E	1	1
	NRR/DOEA/TSB11F	1	1	NRR/PMAS/ILRB12	1	1
	OGC 15-B-18	1	0	<u>REG FILE</u> 01	1	1
	RES/DE/EIB	1	1			
EXTERNAL:	LPDR	2	2	NRC PDR	1	1
	NSIC	1	1			

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is crucial for ensuring the integrity of the financial statements and for providing a clear audit trail.

2. The second part of the document outlines the various methods used to collect and analyze data. It includes a detailed description of the sampling techniques employed and the statistical tests used to evaluate the results.

3. The third part of the document presents the findings of the study. It shows that there is a significant correlation between the variables being studied, and that the results are consistent with the hypotheses.

4. The fourth part of the document discusses the implications of the findings. It suggests that the results have important implications for the field of study and that further research is needed to explore these issues in more detail.

5. The fifth part of the document concludes the study. It summarizes the key findings and provides a final statement on the overall significance of the research.

PACIFIC GAS AND ELECTRIC COMPANY

PG&E + 77 BEALE STREET • SAN FRANCISCO, CALIFORNIA 94106 • (415) 972-7000 • TWX 910-372-6587

JAMES D. SHIFFER
VICE PRESIDENT
NUCLEAR POWER GENERATION

February 26, 1988

PG&E Letter No.: DCL-88-042

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

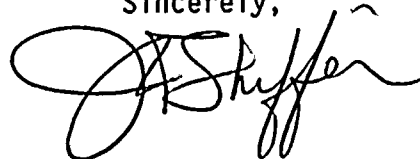
Re: Docket No. 50-275, OL-DPR-80
Diablo Canyon Unit 1
Second Refueling Outage ISI Schedule

Gentlemen:

Enclosed is a description of Class 1, 2, and 3 components scheduled for Inservice Inspection (ISI) during the second refueling outage of Diablo Canyon Unit 1, including Relief Requests.

Kindly acknowledge receipt of this material on the enclosed copy of this letter and return it in the enclosed addressed envelope.

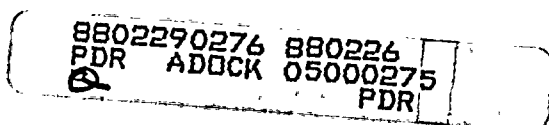
Sincerely,



Enclosure

cc: G. D. Horn, State of California Division of Industrial Safety
J. B. Martin
M. M. Mendonca
P. P. Narbut
B. Norton
H. Rood
C. Tahnk, Regional Manager, Hartford Steam Boiler
B. H. Vogler
CPUC
Diablo Distribution

1922S/0054K/JHA/0469



A001
1/1



ENCLOSURE

Diablo Canyon Power Plant Unit 1
Second Refueling Outage Inservice Inspection (ISI)
Examination Schedule

(First ISI Period)



Table of Contents

<u>Table</u>	<u>Item</u>
1.1	Reactor Vessel
1.2	Pressurizer
1.3	Steam Generators
1.4	Piping Welds/Supports
1.5	Pumps
1.6	Valves
2.1	Pressure Vessels
2.2	Piping Welds/Supports
2.3	Pumps
5.1	System Pressure Tests
Augmented	RCP Flywheels
1.4 and 2.2 Supplemental	Piping Supports
General	NDE Relief Requests



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Reactor Vessel
TABLE: 1.1
PAGE 1 of 3

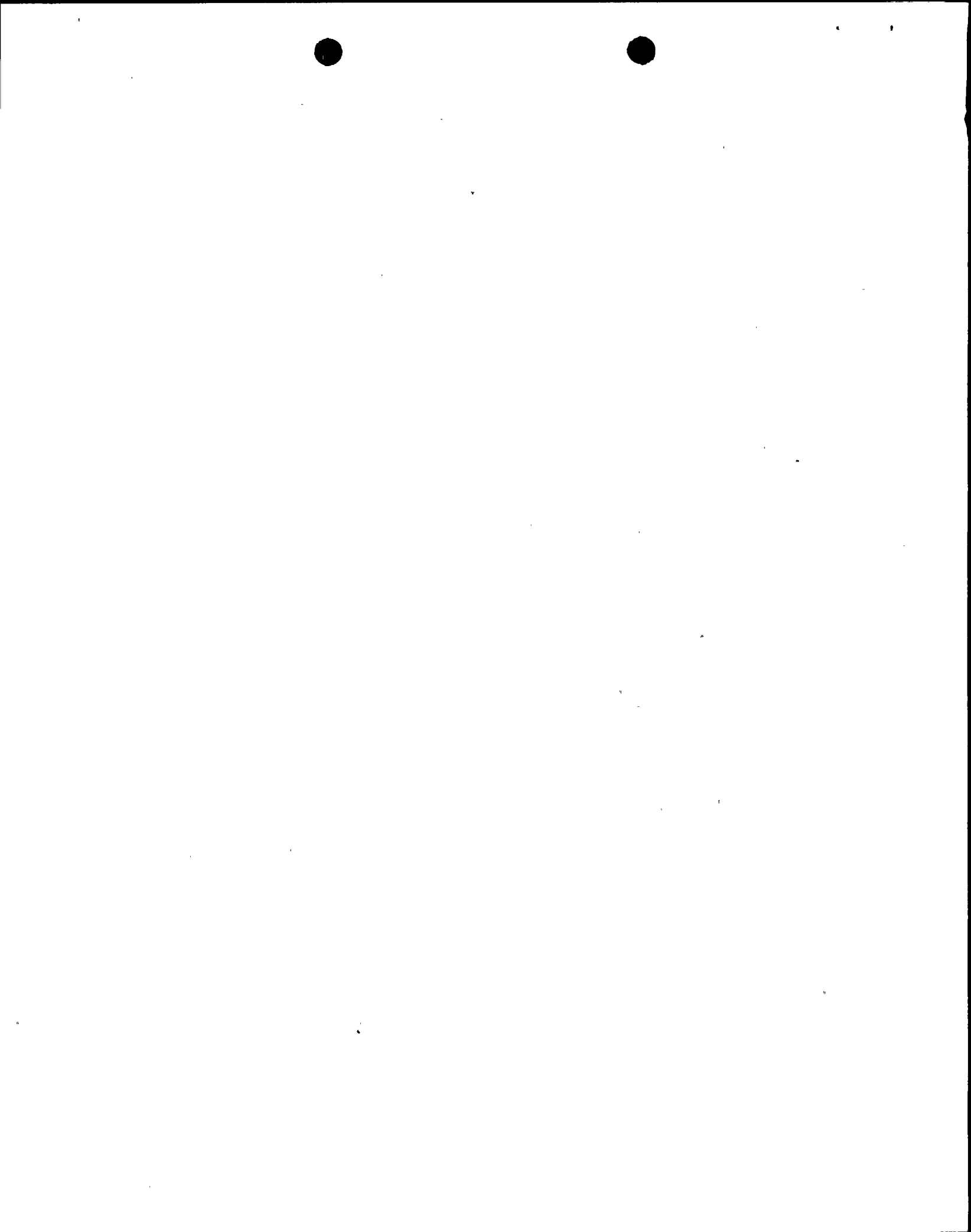
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
	<u>Reactor Vessel</u>	* [1.1-1] Serial No. C.E. 66104 Dwg. Ref. CE232-442-6		Exam area meets or exceeds reqts. of Fig. IWB2500-1 & Fig. IWB2500-2	
B-A	<u>Pressure Retaining Welds</u>	DC663201-38			
B1.20	<u>Head Welds</u>				
B1.22	- Meridional Welds -				
	<u>Closure Head @Stud</u>	<u>Weld No.'s</u>		As Accessible	<u>Relief No.002</u>
	#5-6	1-446A	UT	38" 100%*	T = 7.0"
	#14-15	1-446B	UT	38" 100%*	*As Accessible below CRD vent Shroud.
B1.30	<u>Shell To Flange Weld</u>	<u>Weld No.</u>	UT	As Accessible	<u>Relief No. 003</u>
		7-442 (From Flange)		182" 34%	T = 10.75" 0° Exam. From Flange Face
B1.40	<u>Head To Flange Weld</u>	<u>Weld No.</u>	UT	As Accessible	<u>Relief No.003</u>
		6-446A		182" 34%	T = 7.0"



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Reactor Vessel
TABLE: 1.1
PAGE 2 of 3

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
	<u>Reactor Vessel</u> - Cont'd. [1.1-1]				
B-D	<u>Full penetration</u>				
	<u>welds of nozzles in vessels</u>				
B3.90	<u>Nozzle To Vessel</u>				
	<u>Welds</u>				
B3.100	<u>Nozzle Inside Radius</u>				
	<u>Section</u>				
	Outlet Nozzle Loop 1	<u>Weld No's</u> *1-29SPL @ 338° Inner Radius	UT UT	360° 100%	From Bore
	Outlet Nozzle Loop 2	*2-29SPL @ 22° Inner Radius	UT UT	360° 100%	From Bore
	Outlet Nozzle Loop 3	*3-29SPL @ 158° Inner Radius	UT UT	360° 100%	From Bore
	Outlet Nozzle Loop 4	*4-29SPL @ 202° Inner Radius	UT UT	360° 100%	From Bore
B5.10	<u>Nozzle Safe Ends</u>				
	<u>Welds</u>				
	See Table 1.4				



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Reactor Vessel
TABLE: 1.1
PAGE 3 of 3

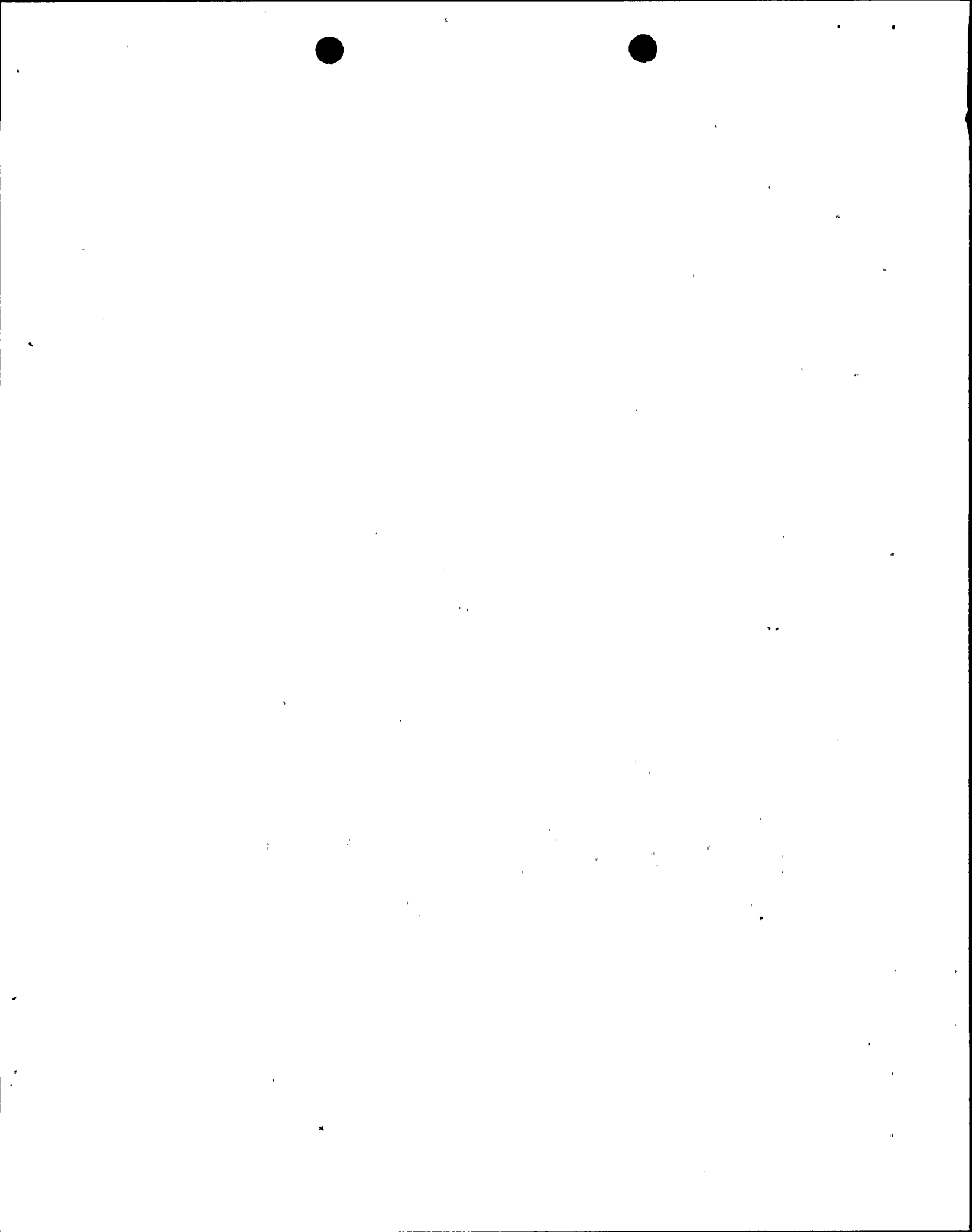
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
B-G-1	<u>Reactor Vessel</u> - Cont'd. [1.1-1] <u>Pressure</u> <u>Retaining Bolting</u> (Larger Than 2" dia.)				
B6.10	<u>Closure Head Nuts</u>	RPV Stud Nuts No. 1(to)No. 54	MT or PT	18 Nuts 100%	OD=10.56" HT=7.94"
B6.30	<u>Closure Studs</u> (when Removed)	RPV Studs No. 1 (to) No. 54	PT or MT UT	18 Studs 100%	OD=6.8" L=57.7"
B6.40	<u>Flange Ligaments</u> (Between Stud Holes)	RPV Ligaments No. 1(to)No. 54	UT	18 Ligaments 100%	
	Stud Holes in Flange	Threads	VT-1	9 Holes	
B7.10	<u>Marmon Clamps</u> (Bolts, Studs, & Nuts)	Conoseal Bolts (For) In-Core Thermocouples, total of five assemblies, three bolts each	VT-1	15 bolts 100% 15 bolts 100%	Note: All clamps and bolts examined once each inspection period during a scheduled refueling outage.



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Pressurizer
TABLE: 1.2
PAGE 1 of 1

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
<u>Pressurizer Vessel</u>					
B-B	<u>Pressure Retaining Welds</u> <u>in Vessels other than</u> <u>Reactor</u>	Serial No. W 1051 Dwg. Ref.		Exam'n area meets or exceeds req'ts of Figure	[*] ISI Dwg Page No.'s of Figure
B2.10	Pressurizer Vessel Shell to Head Welds	DC663208-8-1		IWB-2500-1 and Figure IWB-2500-2	
B2.11	- Circumferential -	* [1.2-1]		(Length)	
	Upper Course to Top Head	<u>Weld No.</u> Girth 5	UT	97" 100%	Note remarks for B2.12 T = 4.2" L = 291"
B2.12	Longitudinal Lower Course @ [Bottom Head]	<u>Weld No.</u> Long'l 6	UT	12"	
B3.120	<u>Nozzle Inside Radius</u> <u>Section (Upper Head)</u>		See Remarks		Visual Exam (VT-2) to be performed in lieu of Volometric exam See Relief <u>No. 012</u>
B-G-2	<u>Pressure Retaining</u> <u>Bolting (2 in. dia.</u> <u>and less)</u>				
B7.20	Upper Head	Manway Bolting (16 bolts total)	(VT-1)	5 Bolts 100%	Bolting may be examined in place, or when removed. (accessible surfaces)



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Steam Generators
TABLE: 1.3
PAGE 1 of 2

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
	<u>Steam Generators</u>				
B-B	<u>Pressure Retaining Welds in Vessels other than Reactor Steam Generators (Primary Side)</u>				
B2.40	<u>Tubesheet to Head Welds</u>				
	Steam Generator 1-2 (Serial No. 1042)	Channel W 2-1	UT	12' 100%	T = 5.16" L = 36' Weld Length 36'
	Steam Generator 1-4 (Serial No. 1044)	Channel W 4-1	UT	12' 100%	
B-G-2	<u>Pressure Retaining Bolting (2 In. Dia. and Less)</u>				
		<u>Channel Hd Manway Bolting</u>			
B7.30	<u>Bolts, Studs and Nuts</u>				
	Steam Generator 1-1	No.1(to)No.16 "	VT-1 VT-1	16 Studs 100% 16 Studs and Nuts	Inlet Outlet



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
 ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Steam Generators
 TABLE: 1.3
 PAGE 2 of 2

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
<u>Steam Generators - Cont'd.</u>					
B-Q	<u>Steam Generator Tubing</u>				
B16.20	U-Tube Design Steam Generator				
		<u>Tube Map</u>		<u>Total Items Tubes*</u>	
		Gen 1-1	ET	3,388 (*) 3%	*10CFR50 Requires Program to be based on the Plant's Approved Technical Specification (3/4.4.5) Ref: 10CFR50.55a(b)(2) (111)
		Gen 1-2	ET	3,388 (*) 3%	
		Gen 1-3	ET	3,388 (*) 3%	
		Gen 1-4	ET	3,388 (*) 3%	



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Piping (S.E.) Welds (B-F)
TABLE: 1.4
PAGE 1 of 10

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
B-F	<u>Pressure Retaining Dissimilar Metal Welds</u>	<u>Reactor Vessel</u> Piping "Pup" is 316 stainless welded directly to RPV clad buttering. "Pup" to pipe is not considered a bi-metallic weld joint.		Volumetric exam scheduled coincident with vessel nozzle exam. Per Section XI.	Welds are those nozzle referenced in cat'y B-F, B5.10 Table 1-1 Pg 4 of 9.
B5.50	<u>Piping-Safe End Welds</u> Reactor Vessel				Relief No. 008 applies to this Table in its entirety [] ISI Dwg. Page No.'s () Construction Dwg. Page No.'s
	Outlet Nozzle Loop 1 (7-30) [1.4-1]	Weld No.'s & Line No.'s WIB-RC-1-1SE *1-29SPL	UT	360° 100%	
	Outlet Nozzle Loop 2 (7-31) [1.4-2]	WIB-RC-2-1SE *2-29SPL	UT	360° 100%	
	Outlet Nozzle Loop 3 (7-31A) [1.4-3]	WIB-RC-3-1SE *3-29SPL	PT UT	360° 100%	
	Outlet Nozzle Loop 4 (7-30A) [1.4-4]	WIB-RC-4-1SE *4-29SPL	UT	360° 100%	
	<u>Pressurizer</u>				
	Pzr RV-8010A, Inlet (7-27) [1.4-21]	WIB-313SE S6-729-6SPI	PT UT	21" 360°	(Pzr = Pressurizer (Upper Head))



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
 ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Piping (S.E.) Welds (B-F)
 TABLE: 1.4
 PAGE 2 of 10

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
------------------	---------------------	---------------------------	-------------	--------------------------------	----------------------------

NOTE: Stainless steel piping
 is welded directly to Nozzle
 but treated as "safe ends"
 Exam area meets
 or exceeds req'ts
 of Fig. IWB-2500-8

B5.50	<u>Piping-Safe Ends-cont'd</u> <u>Steam Generator</u>	<u>Line No.</u> <u>& Flange No.</u>			
	Steam Generator 1-1 Reactor Coolant Out (7-30) [1.4-1]	WIB-RC-1-5SE *1-29SPL	PT UT	92" 360°	Inlet
	Reactor Coolant Pp Suct Loop 1 (7-30) [1.4-1]	WIB-RC-1-6SE *5-31SPL	UT	98" 360°	Outlet



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
 ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Piping Bolting (B-G)
 TABLE: 1.4
 PAGE 3 of 10

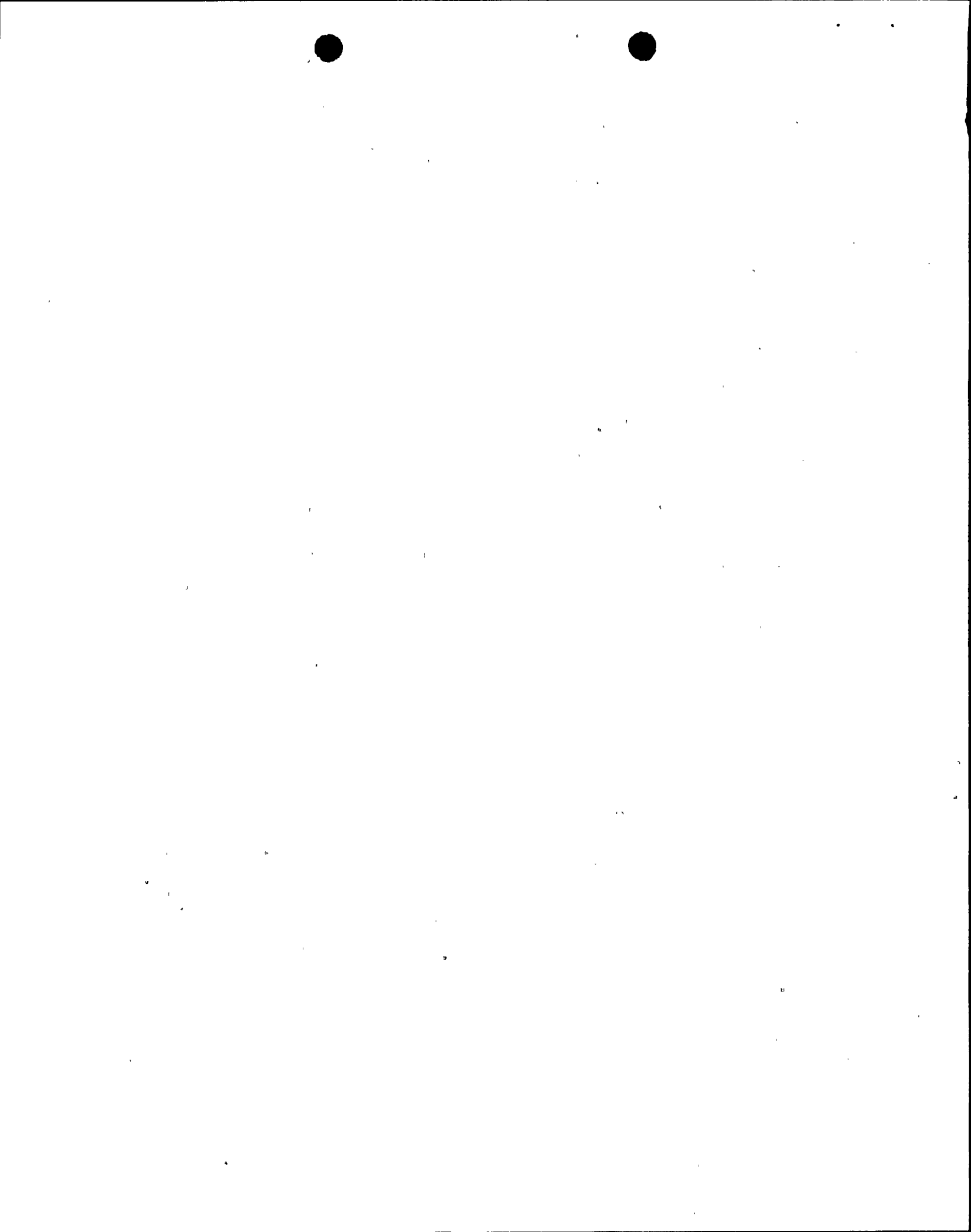
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
B-G-2	<u>Pressure Retaining Bolting (2 in. dia. & Less)</u>				
B7.50	<u>Bolts, Studs, and Nuts</u>				
	<u>2 Inch Diameter Pipe</u>	<u>Line No. & Flange No.</u>			<u>Flange Between Welds Number below</u>
	Loop 1 Cold Leg RTD Conn (7-220) [1.4-60]	S6-1140-2SPL	VT-1	8 Studs 100% 16 Nuts	WIB-37/WIB-38
	<u>1.5 Inch Diameter Pipe</u>				
	Boron Inj Tk Out Loop 1 C.L.(9-212) [1.4-64]	S6-1991-1.5 1-FE-924	VT-1	4 Studs 100% 8 Nuts	



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Piping Welds (B-J)
TABLE: 1.4
PAGE 4 of 10

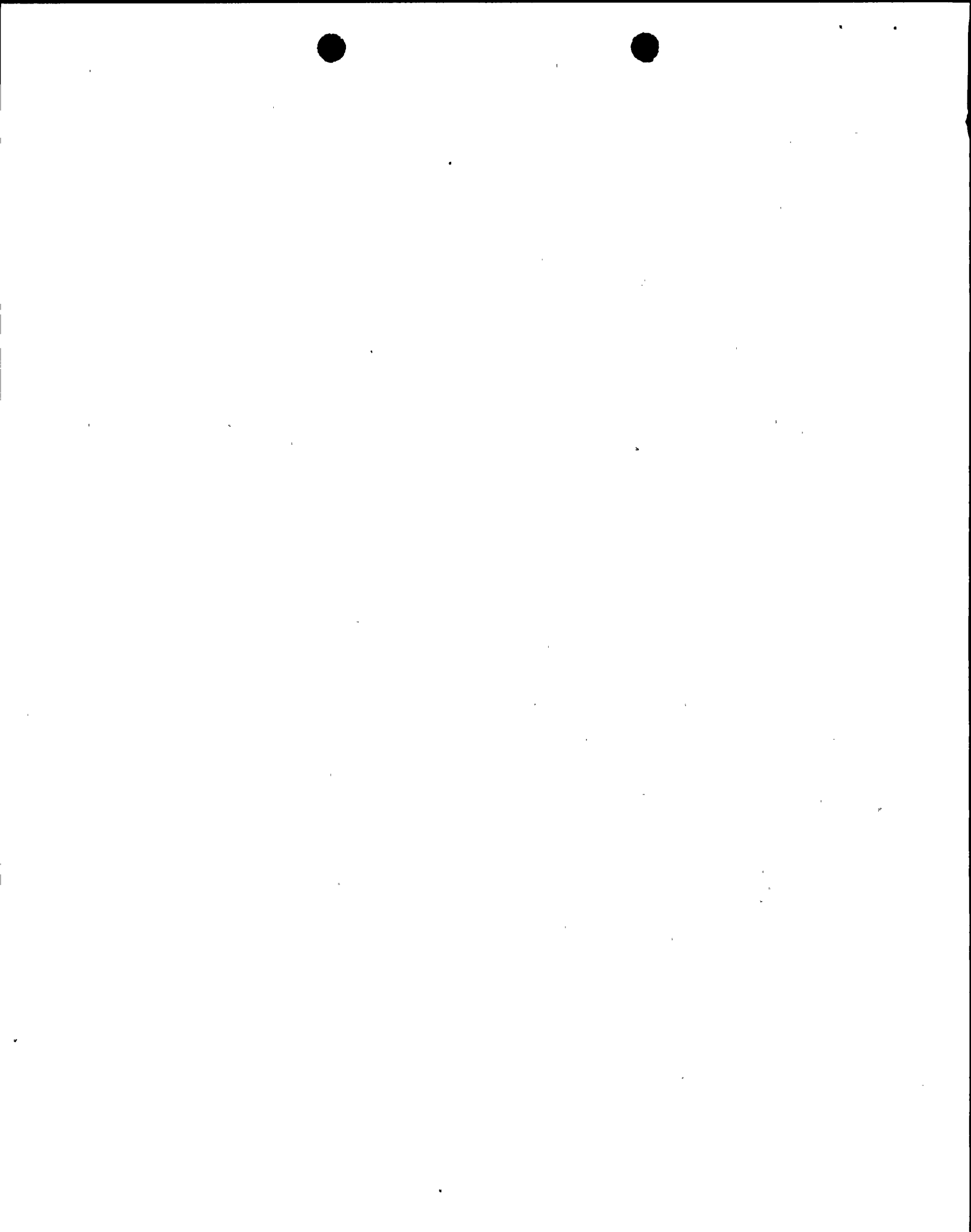
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
B-J	<u>Piping - Cont'd</u> <u>Pressure Retaining</u> <u>Welds in Piping</u>				
B9.10	Nominal Pipe size 4 in. and Greater				Exam'n area meets or exceeds req'ts of Figure IWB-2500-8
	B-J Items are identified by System Under Applicable Code Item*				
B9.11	Circumferential Welds (Including Intersecting Longitudinal Welds)				
B9.12	Longitudinal Welds				
	Longitudinal welds are scheduled together with the intersecting circumferential welds. See B9.11 items.				
B9.12	<u>31 Inch Nom. Diameter</u> Reactor Coolant Pp Suct Loop 1 (7-30)	Line No. & ISI Dwg No. *5-31SPL [1.4-1]	UT	1 Weld 360°	WIB-RC-1-12 and one foot of upper and lower seam
	Reactor Coolant Pp Suct Loop 2 (7-31)	*6-31SPL [1.4-2]	PT & UT	1 Weld 360°	WIB-RC-2-14 and one foot of upper and lower seams



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Piping Welds (B-J)
TABLE: 1.4
PAGE 5 of 10

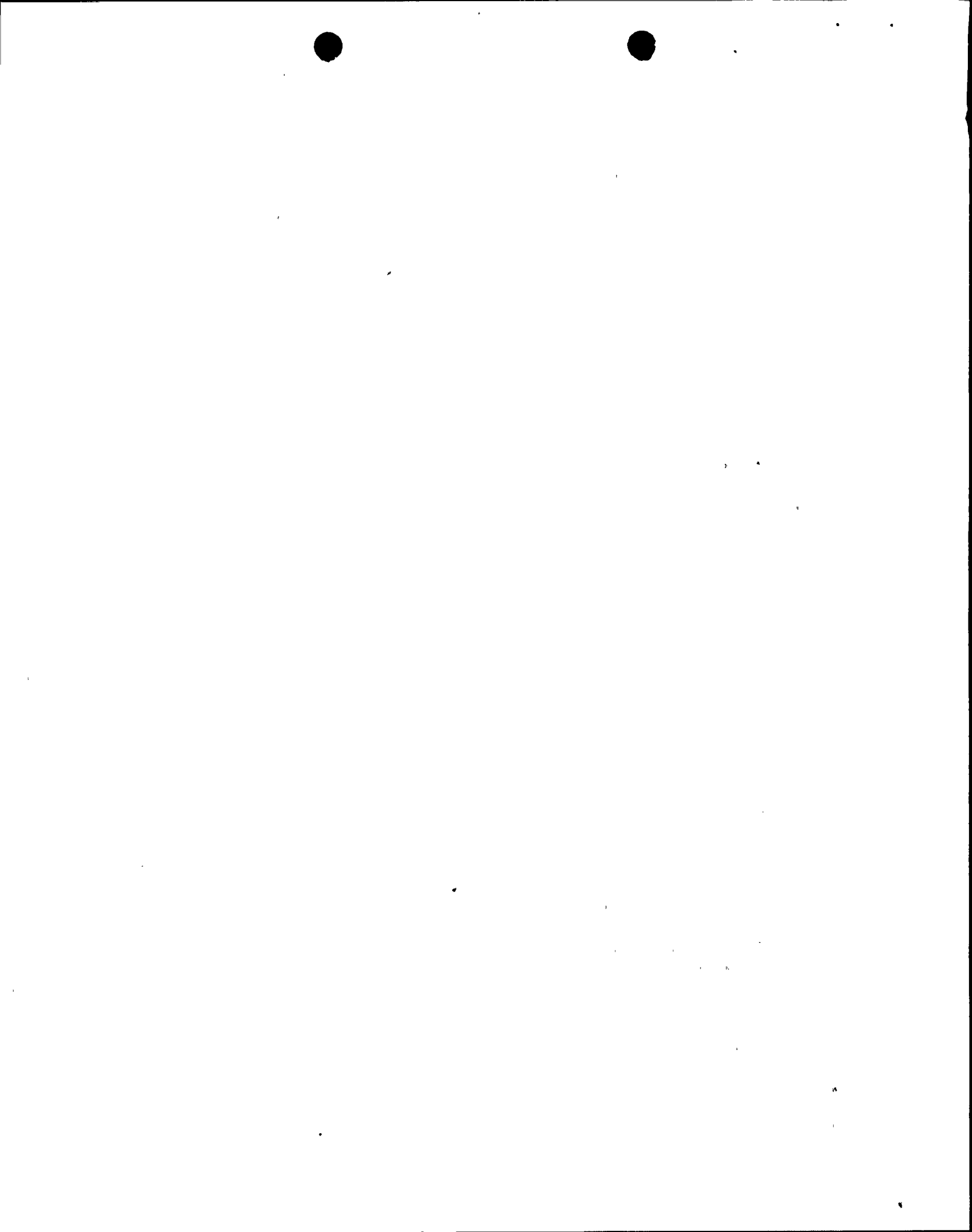
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
B9.10 B9.11	<u>Piping - Cont'd</u> 4 In. & greater 27.5 inch Nom. Diameter	Line No. & ISI Dwg. No.			
	Reactor Coolant Pump Disch Loop 1 (7-30)	*9-27.5SPL [1.4-1]	PT & UT	1 Weld 360°	WIB-RC-1-13 T=2.215
	<u>14 Inch Nom. Diameter</u>				
	Hot Leg Recirc Before V-8702 (7-4)	S6-109-14SPL [1.4-6]	PT & UT	1 Weld 360°	WIB-238
	<u>10 Inch Nom. Diameter</u>				
	Accumulator Injection Loop 2 (9-21)	S6-254-10SPL [1.4-9]	PT & UT	1 Weld 360°	WIB-151
	Accumulator Injection Loop 4 (9-18)	S6-256-10SPL [1.4-11]	PT & UT	1 Weld 360°	WIB-276
	<u>6 Inch Nom. Diameter</u>				
	Safety Inj. Loop 1 Hot Leg (10-17)	S6-235-6SPL+ [1.4-13]	PT & UT	1 Weld 360°	WIB-1
	Safety Inj Loop 3 Hot Leg (9-33)	S-237-6 SPL+ [1.4-15]	PT & UT	1 Weld 360°	WIB-173
	RHR Pp 1-1 Inj Cold Leg 2(9-37,208)	S6-3845-6SPL [1.4-18]	PT & UT	1 Weld 360°	WIB-171
	RHR Pp 1-2 Inj Cold Leg 4 (9-42)	S6-3847-6SPL [1.4-20]	PT & UT	1 Weld 360°	WIB-280



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Piping Welds (B-J)
TABLE: 1.4
PAGE 6 of 10

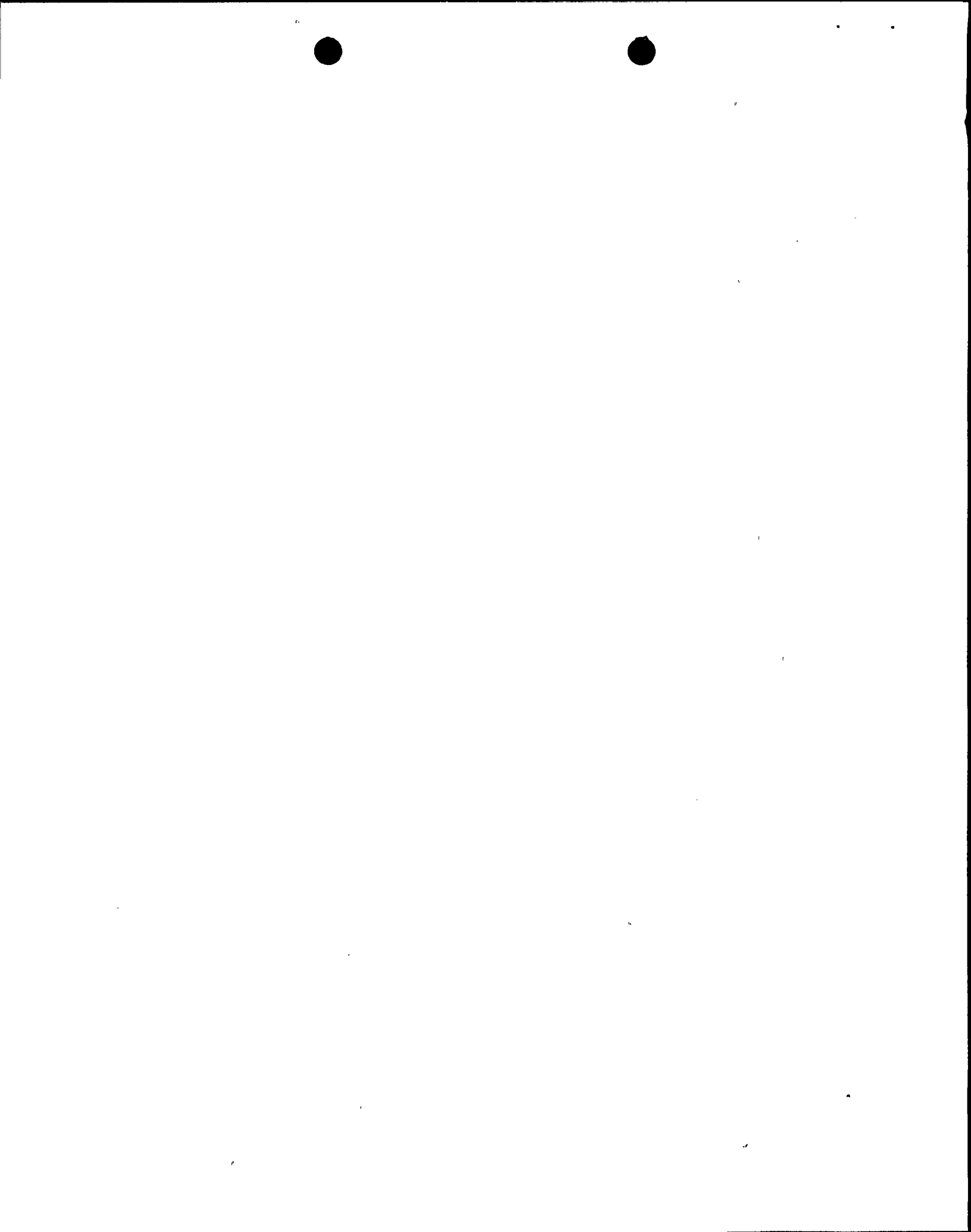
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
B9.10 B9.11	<u>Piping - Cont'd</u> <u>6 Inch Nom. Diameter</u> (Cont'd)	Line No. & <u>ISI Dwg. No.</u>			
	Pressurizer Inlet RV-8010B (7-28)	S6-728-6SPL+ [1.4-22]	PT & UT	1 Weld 360°	WIB-329
	Pressurizer Power R.V. (7-25)	S6-730-6SPL [1.4-24]	PT & UT	1 Weld 360°	WIB-347
	<u>4 Inch Nom. Diameter</u>				
	Loop 1 Spray Line (7-6,7,8).	S6-13-4SPL [1.4-25] [1.4-26] [1.4-27]	PT & UT	1 Weld 360°	WIB-64
	Loop 2 Spray Line (7-5,6)	S6-14-4SPL [1.4-25] [1.4-28]	PT & UT	1 Weld 360°	WIB-433
	Pressurizer Spray Line (7-9)	S6-15-4SPL [1.4-29]	PT & UT	1 Weld 360°	WIB-400
B9.20 B9.21	Less Than 4 In. Dia.			Exam'n area meets or exceeds req'ts Figure IWB-2500-8	
	<u>3 Inch Nom Diameter</u>				
	Loop 1 RTD Manifold Ret Hdr (7-23)	S6-1141-3SPL [1.4-30]	PT	1 Weld 360°	WIB-26
	Loop 3 Hot Leg RTD Conn (7-21)	S6-3495-3SPL [1.4-32]	PT	1 Weld 360°	WIB-205



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Piping Welds (B-F)
TABLE: 1.4
PAGE 7 of 10

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
B9.20 B9.21	<u>Piping - Cont'd</u> <u>3 Inch Nom Diameter</u> (Cont'd)	<u>Line No. &</u> <u>ISI Dwg. No.</u>			
	Loop 4 Hot Leg RTD Conn (7-22)	S6-3496-3SPL [1.4-33]	PT	1 Weld 360°	WIB-262
	Boron Inj Cold Leg Hdr (9-35)	S6-1016-3SPL	PT	1 Weld 360°	WIB-302
	Letdown Line Loop 2 (7-14,15)	S6-24-3SPL [1.4-37] [1.4-38]	PT	1 Weld 360°	WIB-118
	Pressurizer Pwr RV* PCV474 (7-25)	S6-1171-3SPL [1.4-24]	PT	1 Weld 360°	WIB-356
B9.30 B9.31	<u>Branch Pipe</u> <u>Connection Welds</u> Nominal Pipe Size Greater Than 2 in. <u>4 Inch Nom. Diameter</u>				
	Loop 1 Spray Line (7-6,7,8) [1.4-1] [1.4-27]	S6-13-4SPL WIB-RC-1-15	PT UT	1 Branch 360°	



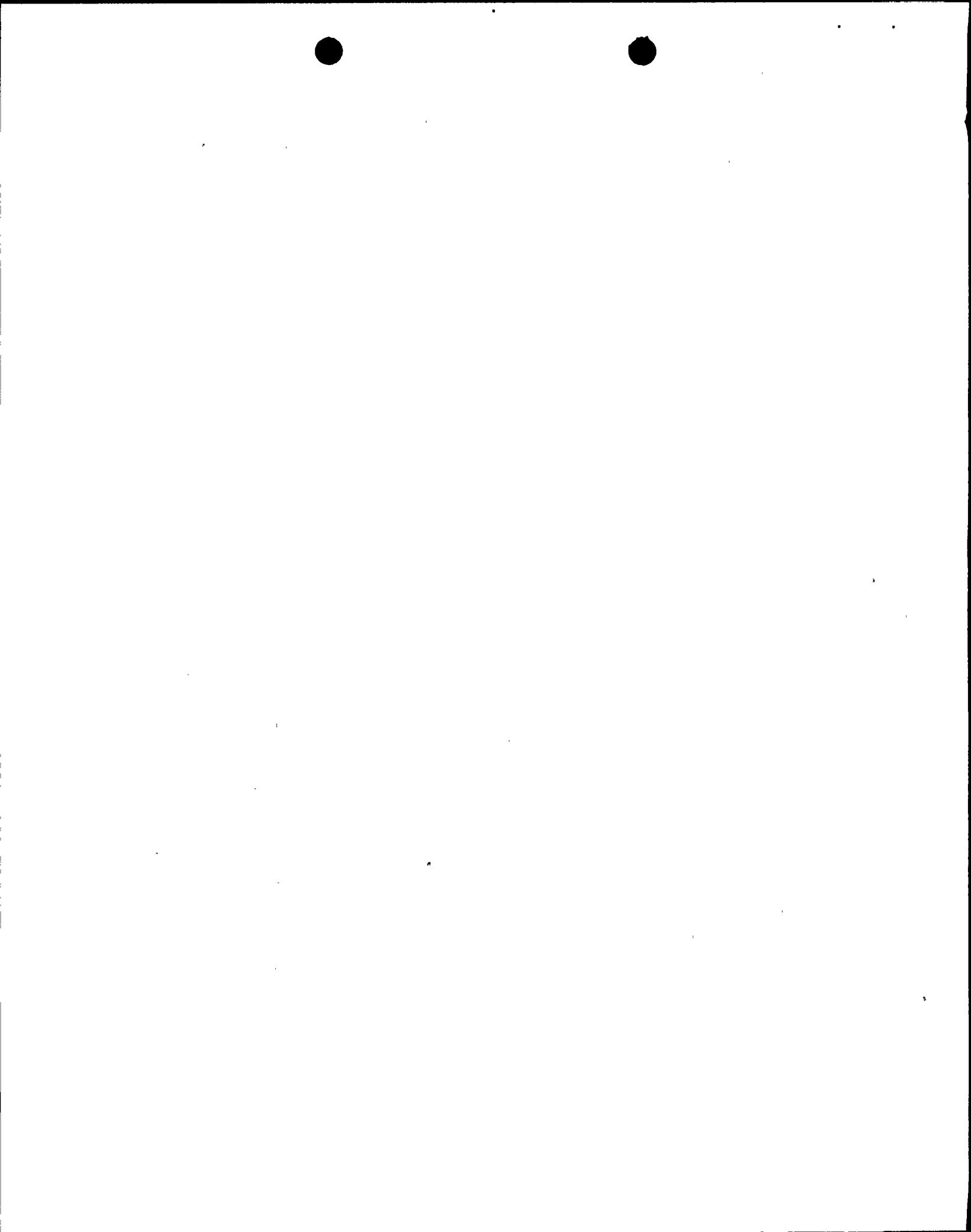
FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Piping Welds (B-J)

TABLE: 1.4

PAGE 8 of 10

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
B9.40	<u>Piping - Cont'd</u> <u>Socket Welds</u> <u>2 Inch Nom. Diameter</u> <u>Letdown Line Loop 2</u> <u>(7-14,15)</u>	<u>Line No. &</u> <u>ISI Dwg. No.</u> S6-24-3SPL [1.4-38]	PT	1 Socket 360°	WIB-124 Reducing 3 Inch Line to 2 inch sockets for LCV-459 (Valve)
	Charging Line Aux Spray (8-350,354)	S6-51-2SPL [1.4-40]	PT	2 Sockets 360°	WIB-369 WIB-416
	Reac Cool Pp 1 Seal Wtr In (8-736)	S6-54-2 and S6-54-1.5 [1.4-42]	PT	1 Socket 360°	WIB-1020
	Reac Cool Pp 2 Seal Wtr In (8-713)	S6-55-2 and S6-55-1.5 [1.4-43]	PT	1 Socket 360°	WIB-981
	Reac Cool Pp 3 Seal Wtr In (8-376)	S6-56-2 and S6-56-1.5 [1.4-44]	PT	1 Socket 360°	WIB-991
	Reac Cool Pp 4 Seal Wtr In (8-741)	S6-57-2 and S6-57-1.5 [1.4-45]	PT	1 Socket 360°	WIB-1003
	Loop 1 Cold Leg Drain RCDT (7-218)	S6-958-2SPL+ [1.4-46]	PT	1 Socket 360°	WIB-22
	Loop 4 Cold Leg Drain RCDT (7-215)	S6-961-2SPL+ [1.4-49]	PT	1 Socket 360°	WIB-338
	SI Pps Cold Leg Loop 4 Recirc (9-216)	S6-3858-2SPL [1.4-55]	PT	1 Socket 360°	WIB-464



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Piping Welds (B-J)
TABLE: 1.4
PAGE 9 of 10

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
B9.40	<u>Piping - Cont'd</u> <u>Socket Welds</u> <u>2 Inch Nom. Diameter</u>	<u>Line No. &</u> <u>ISI Dwg. No.</u>			
	Loop 2 Hot Leg RTD Conn Hdr (7-224)	S6-1145-2SPL [1.4-57]	PT	1 Socket 360°	WIB-119
	Loop 4 Hot Leg RTD Conn Hdr (7-230)	S6-1157-2SPL [1.4-59]	PT	1 Socket 360°	WIB-317
	Loop 2 Cold Leg RTD Conn (7-222)	S6-1146-2SPL [1.4-61]	PT	1 Socket 360°	WIB-147
	Loop 4 Cold Leg RTD Conn (7-234)	S6-1159-2SPL [1.4-63]	PT	1 Socket 360°	WIB-364
	<u>1.5 In. Nom. Diameter</u>				
	Boron Inj Tk Out Loop 1 Cold Leg (9-212,240,231)	S6-1991-1.5SPL+ [1.4-64] [1.4-65]	PT	1 Socket 360°	WIB-64
	Boron Inj Tk Out Loop 2 Cold Leg (9-210,241,228)	S6-1992-1.5SPL+ [1.4-67] [1.4-68]	PT	3 Sockets 360°	WIB-217 WIB-220 WIB-225
	Boron Inj Tk Out Loop 3 Cold Leg (9-209,239)	S6-1993-1.5SPL+ [1.4-70] [1.4-71]	PT	2 Sockets 360°	WIB-306 WIB-309
	Boron Inj Tk Out Loop 4 Cold Leg (9-212,240)	S6-1994-1.5SPL [1.4-64] [1.4-65]	PT	2 Sockets 360°	WIB-112 WIB-109



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
 ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Pipe Supports (B-K-1)
 TABLE: 1.4
 PAGE 10 of 10

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
B-K-1	<u>Supports Members</u>				
B10.10	Piping - Integrally Welded Attachments				
	<u>14 Inch Nom. Diameter</u>	<u>Line No. & ISI Dwg. No.</u>			
	Loop 4 Hot Leg Before V-8701 (10-11)	S6-1665-14SPL [1.4-7]	PT	B-K-1	56N-5V/Param't
	<u>3 Inch Nom. Diameter</u>				
	Loop 1 Cold Leg RTD Conn (7-23)	S6-3798-3SPL [1.4-30]	PT	B-K-1	46-9V/X412A-D



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Pumps (B-G-1)
TABLE: 1.5
PAGE 1 of 1

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
	<u>PUMPS</u>	Dwg. REF. DC663207-34			
	REACTOR COOLANT PUMPS	*[1.5-1]		Exam'n area meets or exceeds req'ts of Fig.IWB-2500-12	[*] ISI Dwg. Page No.
B-G-1	<u>Pressure Retaining Bolting</u> Larger than 2" dia.				
B6.180	<u>Bolts and Studs, In Place, Pump 1-2</u>	Pump Flange Bolts No. 1 Thru No. 24	UT	8 Bolts 100%	
B-G-2	<u>Pressure Retaining Bolting</u> (2" Dia. and Less)	Seal House Bolting		Accessible Surfaces	
B7.60	<u>Bolts, Studs, & Nuts Pump 1-2</u>	Bolts No. 1 Thru No. 12 [1.5-1]	VT-1	4 Bolts 100%	
B7.60	<u>Bolts, Studs, & Nuts Pump 1-3</u>	Bolts No. 1 Thru No. 12 [1.5-1]	VT-1	4 Bolts 100%	
B-K-2	<u>Support Components</u>				
B11.20	<u>Support Components Pump 1-1</u>	Support Components	VT-3		B11.20 Items include all pump support members (support lugs, bolts, & column, lateral; support members)



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Valves (B-G-2)
TABLE: 1.6
PAGE 1 of 3

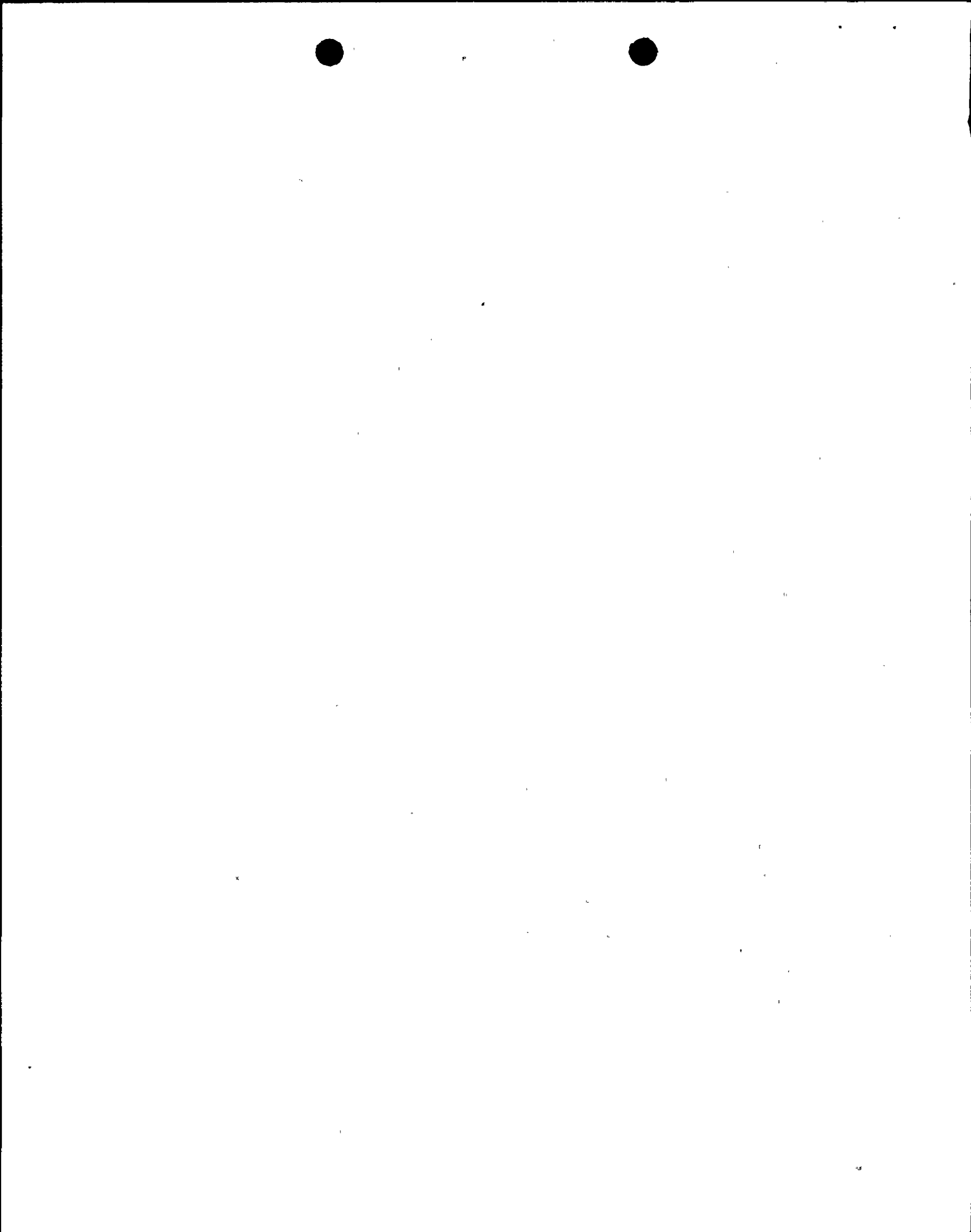
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
	<u>Valves</u>				
B-G-2	<u>Pressure Retaining Bolting</u> (2-inch Dia. and Less)				
B7.70	<u>10 Inch Nom. Dia.</u>	<u>Line No.</u> <u>Valve No.(s)</u>		<u>Bonnet Bolting</u>	<u>Manufacturer & Style</u>
	Accumulator Injection Loop 1 (9-16,17) [1.4-8]	S6-253-10SPL+ V-8956A	VT-1	16 Studs 100% and Nuts	Darling 10C48Z
	<u>8-inch Nom. Dia.</u>				
	SIS to RCS Loop 1 Hot Leg (10-16) [1.4-12]	S6-2575-8 V-8740A	VT-1	16 Studs 100% and Nuts	Darling 8C48Z
	<u>6-inch Nom. Dia.</u>				
	Safety Inj Loop 1 Hot Leg (10-17) [1.4-13]	S6-235-6SPL+ V-8949A	VT-1	12 Studs 100% and Nuts	Velan 6C58
	RHR Pp1-1 Inj Cold Leg 1 (9-16,17) [1.4-17]	S6-3844-6SPL+ V-8818A	VT-1	12 Studs 100% and Nuts	Velan 6C58



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Valves (B-G-2)
TABLE: 1.6
PAGE 2 of 3

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
	<u>Valves - Cont'd</u>				
B-G-2	<u>Pressure Retaining Bolting (2-inch Dia. and Less) Bolts, Studs, and Nuts</u>				
B7.70	<u>4-inch Nom. Dia.</u>	<u>Line No. Valve No.(s)</u>		<u>Bonnet Bolting</u>	<u>Manufacturer & Style</u>
	Loop 1 Spray (7-6, 7-7, 7-8) [1.4-26]	S6-13-4SPL+ V-8033C	VT-1	12 Studs 100% and Nuts	Velan 4G58
	<u>3-inch Nom. Dia.</u>				
	Loop 1 Hot Leg RTD Conn. (7-23) [1.4-30]	S6-3488-3SPL+ V-8073A	VT-1	12 Studs 100% and Nuts	Velan 3G58
	Charging Line Loop (8-61) [1.4-34]	S6-246-3SPL+ V-8378B	VT-1	12 Studs 100% and Nuts	Velan 3C58
	Boron Inj Cold Leg Hdrs (9-35) [1.4-36]	S6-1016-3 V-8820	VT-1	12 Studs 100% and Nuts	Velan 3C58
	Letdown Line Loop 2 (7-14, 7-5) [1.4-37] [1.4-38]	S6-24-3SPL+ V-8076	VT-1	2 Studs 100% and Nuts	Velan 3T58



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 1

MAJOR ITEM: Valves (8-G-2)
TABLE: 1.6
PAGE 3 of 3

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
<u>Valves - Cont'd</u>					
B-G-2	Pressure Retaining Bolting (2-inch Dia. and Less) Bolts, Studs, and Nuts				
B7.70	<u>2-inch Nom. Dia</u>	<u>Line No.</u> <u>Valve No.(s)</u>		<u>Bonnet Bolting</u>	<u>Manufacturer & Style</u>
	Charging Line Aux Spray (8-350,354) [1.4-40]	S6-51-2SPL+ V-8145	VT-1	6 Studs 100% and Nuts	Copes-Vulcan 2IA58RE
	Loop 1 Cold Leg Drain RCDT (7-218) [1.4-46]	S6-958-2SPL+ V-8057A V-8058A	VT-1 VT-1	2 Bolts 100% 2 Bolts 100% and Nuts	(Rockwell) Edwards 2T58 Edwards 2T58
	Loop 1 Hot Leg RTD Conn Hdr (7-221) [1.4-56]	S6-1139-2SPL+ V-8063A V-8067A	VT-1 VT-1	2 Bolts 100% 2 Bolts 100% and Nuts	(Rockwell) Edwards 2T58 Edwards 2T58
	Loop 1 Cold Leg RTD Conn (7-220) [1.4-60]	S6-1140-2SPL V-8089A V-8088A V-8075A	VT-1 VT-1 VT-1	2 Bolts 100% 2 Bolts 100% 2 Bolts 100% and Nuts	(Rockwell) Edwards 2T58 Edwards 2T58 Edwards 2T58
	<u>1.5-Inch Nom Diameter</u>				
	Boron Inj Tk Out Loop 1 Cold Leg (9-212) (9-240) (9-231) [1.4-64]	S6-1991-1.5 V-8810A	VT-1	2 Bolts 100% and Nuts	(Rockwell) Edwards 1.5T58



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 2

MAJOR ITEM: Pressure Vessels
TABLE: 2.1
PAGE 1 of 1

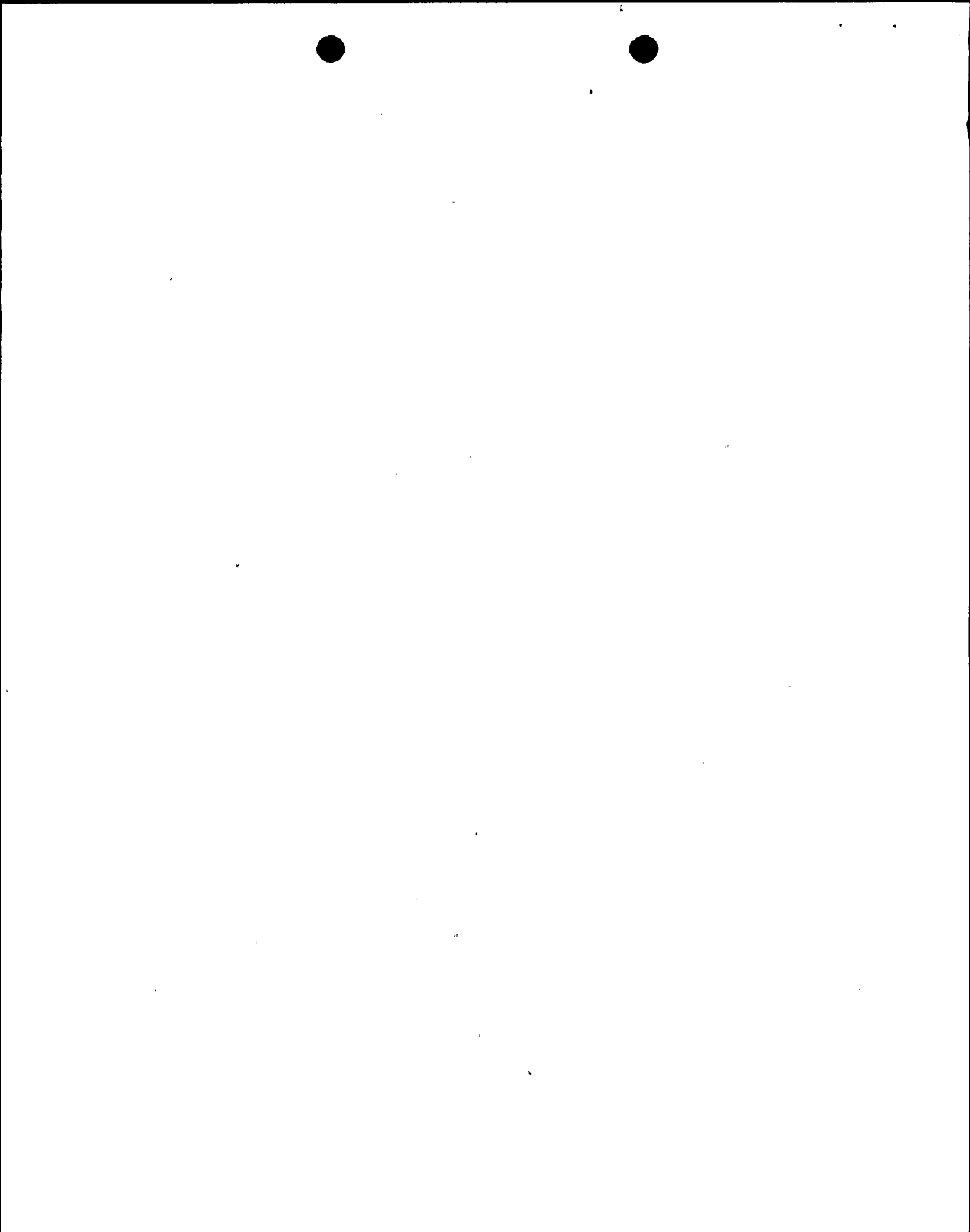
CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
	<u>Steam Generators</u>	*[2.1-1]			
C-A	<u>Pressure Retaining Welds</u>	Dwg. Ref. DC-663206-37			
C1.10	<u>Welds</u> <u>Shell Circumferential</u>				
	Steam Generator 1-1 (Serial No. 1041)	Girth W1-3 Loop 1	UT	Stub Barrel 20% (to) Lower Shell (7.2')	T=3.25"/2.82" C=36' (circ.) Relief No. 007
	<u>Boron Injection Tank</u>	Dwg. Ref. DC-663216-454 *[2.1-2]			
C-B	<u>Pressure Retaining Nozzle Welds</u>				
C2.20	Nozzles in Vessels > 1/2 In. Nominal Thickness [2.2-19]	Bottom Head to Nozzle Weld Weld #N-B	PT or MT UT		@ Line 1-2032
C-D	<u>Pressure Retaining Bolting</u> (Larger than 2" dia.)				
C4.10	Bolts, Studs and Nuts	Manway Bolting	UT	5 Studs 100%	
C-A	<u>Regenerative Heat Exchangers</u> <u>Pressure Retaining Welds in Vessels</u>				
C1.20	Shell No. 3 Head-To- Shell Welds	<u>GIRTH WELDS</u> Girth Weld GA (9)	PT	Head (to) Shell As Access.	T=.756"/.900" 2.5' (circ.) Relief No. 006



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 2

MAJOR ITEM: Piping-Circum. Welds (C-F)
TABLE: 2.2 (C5.10)
PAGE 1 of 4

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
C-F	<u>PIPING</u> <u>Pressure Retaining Welds</u> <u>in Piping</u>				Reliefs No. 005 and No. 008 apply to this Table in its entirety
C5.20 C5.21	Piping Welds >1/2" Wall Single Stream System	<u>Butt Welds</u> <u>Category C-G</u>			
	RC PPS Barrier CCH Ret Hdr (Penetration)	K17-1357.6 [2-2-36]	MT & UT	1 Weld 360°	WIC-1357A
C5.20 C5.21	Piping Welds >1/2" thick Multiple Stream Systems				
	Steam Gen Steam Outlet 1-1 (500136)	K15-228-28V [2.2-21] Lead 1	PT/MT & UT	1 Weld 360°	WICG-9-1
	RHR Pp Inj Cold Leg Pp 1-1 (9-38) (9-39) (9-40)	S6-508-8III [2.2-30] [2.2-31] [2.2-32]	PT & UT	1 Weld 360°	WIC-289



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 2

MAJOR ITEM: Piping-Circum. Welds (C-F)
TABLE: 2.2
PAGE 2 of 4

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
C-F	<u>PIPING Cont'd</u> <u>Pressure Retaining</u> <u>Welds In Piping</u>				Exam'n area meets or exceeds req'ts of Fig. IWC2520-7
C5.10	Piping Welds 1/2" or Less Nominal Wall Thickness				
C5.11	Circumferential Welds Single Stream Systems	<u>Butt Welds</u>			
	Loop 4 Hot Leg To RHR Pps (10-10) (10-11)	S1-927-14III [2.2-1] [2.2-2]	PT	1 Weld 360°	WIC-307
	RHR Injection To Hot Leg 1 & 2 (10-16) (10-15) (10-14) (10-19)	S1-985-12IIIP [2.2-4] [2.2-5] [2.2-6] [2.2-7]	PT	1 Weld 360°	WIC-99
	Cent Chrg Pps Suct Header (8-20)	S2-1456-8 [2.2-8]	PT	1 Weld 360°	WIC-315
	RHR Exchs Bypass Cross-Tie (10-2)	S1-1663-8III [2.2-9]	PT	2 Welds 360°	WIC-160 WIC-164
	RHR Exchs Outlet Cross-Tie Hx 1-2 (10-19)	S1-1669-8 [2.2-7]	PT	1 Weld 360°	WIC-89



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 2

MAJOR ITEM: Piping-Circum. Welds (C-F)
TABLE: 2.2
PAGE 3 of 4

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
C-F	<u>PIPING - Cont'd</u> <u>Pressure Retaining Welds</u> <u>In Piping (Cont'd)</u>				
C5.10 C5.11	<u>Piping Welds $\leq \frac{1}{2}$" Thick</u> <u>Circumferential Welds</u> <u>Multiple Stream</u> <u>Systems Category C-F</u>	<u>Butt Welds</u>			
	Residual Ht Rem Pp1-1 Disch (10-2)	S1-112-8III [2.2-9]	PT	1 Weld 360°	WIC-156
C5.11	<u>Single Streams</u> <u>Category C-G</u>				
	RHR To SIS Pp1-2 (and) Cont Spr (10-5)	S1-735-8IIIP [2.2-16]	PT	1 Weld 360°	WIC-71
	X-Tie Chg Pp & SI Pp Suction (9-3)	S2-4296-6 [2.2-20]	PT	1 Weld 360°	WIC-378
	RHR Sup To Spray Hdrs 1 & 3 (9-2)	S1-279-8III [2.2-3]	PT	1 Weld 360°	WIC-22
AUG'T'D	Containment Spray Pump 1-1 Discharge Before V-9001 A	S2-264-8	UT*	1 Weld 360°	*Required by NRC letter of October 26, 1986 - 7.5% representative sample
C5.12	<u>Longitudinal Welds</u> <u><1/2" W.T.</u> <u>Single Stream Systems</u> <u>Category C-F</u>	<u>Long'l Welds</u>			
	Residual Ht Rem Pp1-2 Suction (10-8)	S1-111-14III [2.2-12]	PT	2 Welds 100%	WIC-197.5A WIC-197.5B



PGandE

DIABLO CANYON POWER PLANT-UNIT 1

FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 2

MAJOR ITEM: Piping - Support (C-C)
TABLE: 2.2
PAGE 4 of 4

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
C-C C3.40	Piping - Integrally Welded Support Attachments				
	<u>(C-F) Single Stream (Cont'd)</u>	<u>Line No. & ISI Dwg. No</u>			
	Cent Chrg Pps Disch Hdr (8-1)	S6-1454-6 [2.2-10]	PT	C-C	4-49SL/X817A-H
	<u>(C-G) Multiple Stream</u>				
	Steam Gen Steam Outlet 1-1 (500136)	K15-228-28V [2.2-21] Lead 1	PT or MT	C-C	1020-1V/LUGS
	RHR Sup to Spray Hdrs 1 & 3 (09-2)	S1-279-8IIIP [2.2-3]	PT	C-C	57S-70V/Param't
	Safety Inj Pump Suction Pump 1-1 (09-5)	S2-1982-6 [2.2-18]	PT	C-C	98-14R/LUGS



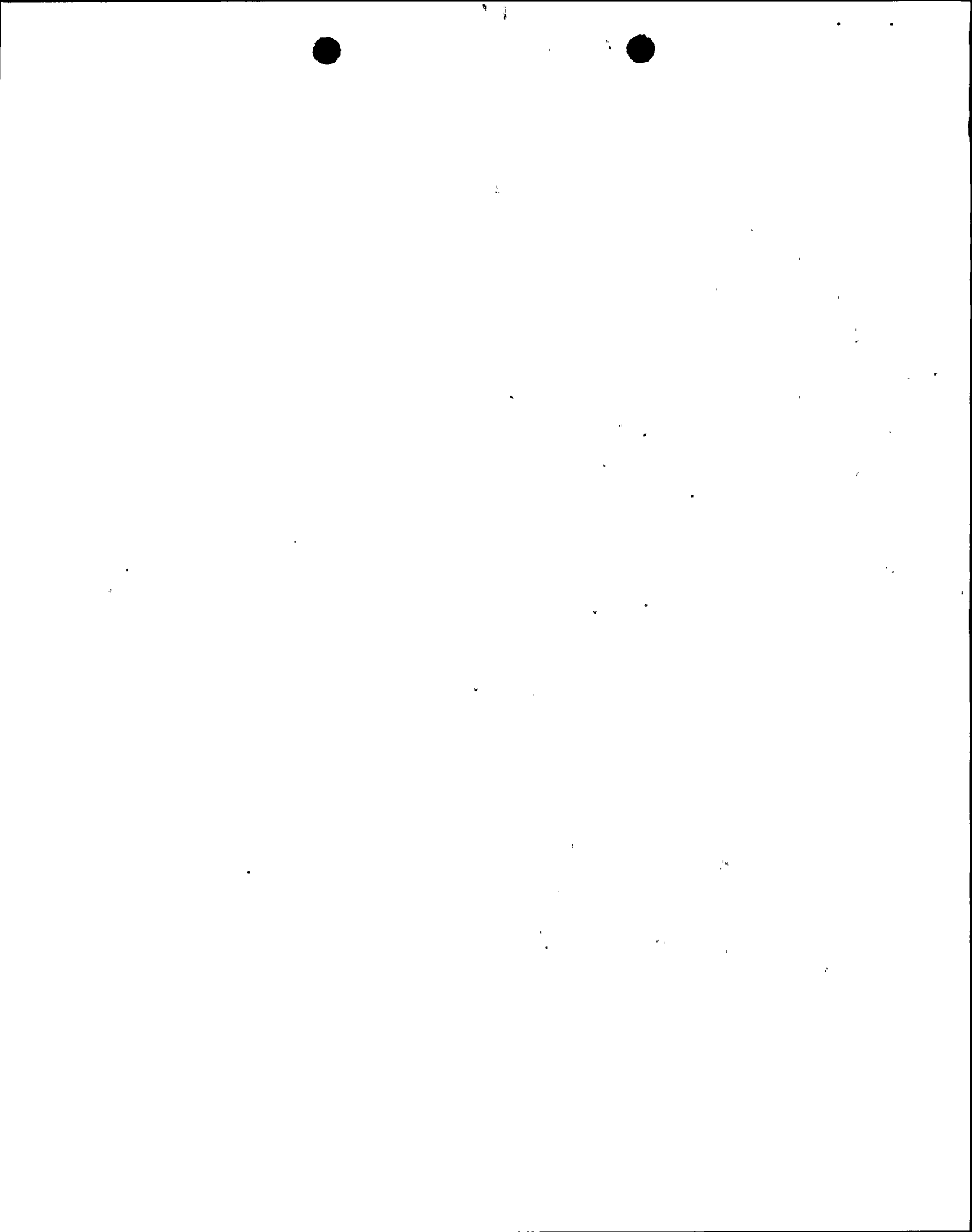
FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 2

MAJOR ITEM: Pump (SI Pumps)(Cent.Chg.)

TABLE: 2.3

PAGE 1 of 1

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
C-E C3.80	<u>SI PUMPS</u> Support Members Support Components SI Pump 1-1	Support Base Base 1-1	VT-3	Exposed Areas	The SI pumps are resting on concrete foundations
C-C C3.70	Support Members Integrally Welded Support Attachments (To Pressure Boundary)	Welded Attach't			
	Cent'1 Pp 1-1	Weld C&D	PT or MT	2 Attach'ts 100%	
C-E C3.80	<u>Support Members</u> Support Components	Support Base			
	Cent'1 Pp 1-1	Base 1-1	VT-3	Exposed Areas	The Cent'1 Chg. Pps Are Resting On Concrete Foundations



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
 ASME SECTION XI SYSTEMS - CLASS 1, 2 AND 3

MAJOR ITEM: System Pressure Tests
 TABLE: 5.1
 PAGE 1 of 1

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
<u>System Leakage Test</u>					
B15.10 Through B15.70	CLASS 1 Pressure Retaining Boundary		VT-2	Boundary Openings and Closings	Normal Operating Pressure
<u>System Functional Test</u>					
C7.10 Through C7.40	CLASS 2 Pressure Retaining Boundary		VT-2	Systems Not Required to Operate During Normal Plant Operations	Normal Operating Pressure Relief No's 001, 002, 005, 006, 007, 008, 009
<u>System Functional Test</u>					
IWD 5200	CLASS 3 Pressure Retaining Boundary		VT-2	Systems Not Required to Operate During Normal Plant Operations	Normal Operating Pressure Relief No's 001, 002, 004
<u>System Inservice Test</u>					
	CLASS 3 Pressure Retaining Boundary		VT-2	Systems Required to Operate During Normal Plant Operations	Normal Operating Pressure Relief No. 001



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
 NRC AUGMENTED EXAMS (REG. GUIDE 1.14)

MAJOR ITEM: RCP Flywheels
 TABLE: Augmented
 PAGE 1 of 1

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
	<u>RCP Flywheels</u>				
Reg. Guide 1.14	Reactor Coolant Pump 1-1	Flywheel	MT UT	Complete Exam of Entire Top Surface and Volume	
	Reactor Coolant Pump 1-2	Flywheel	UT	Keyway Area Exam	
	Reactor Coolant Pump 1-3	Flywheel	UT	Keyway Area Exam	
	Reactor Coolant Pump 1-4	Flywheel	UT	Keyway Area Exam	



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
 ASME SECTION XI SYSTEMS-CLASS 1 AND 2

MAJOR ITEM: Piping Supports
 TABLE: 1.4 and 2.2 Supplemental
 PAGE 1 of 1

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
<u>Pipe Supports</u>					
B-K-2	<u>Component Supports</u>	All CLASS 1 Systems	VT 3/4	*Approx. one-sixth of B-K-2 Supports	
C-E	<u>Component Supports</u>	All CLASS 2 Systems	VT 3/4	*Approx. one-sixth of C-E Supports	
D-A, D-B D-C	<u>Component Supports</u>	All CLASS 3 Systems	VT 3/4	*Approx. one-half of D-A, D-B and D-C Supports	

* All Section XI Seismic Limiters receive examination each refueling outage, and are not included in totals used in the selection of remaining supports for inspection.



FIRST PERIOD SECOND REFUELING OUTAGE SUBMITTAL
ASME SECTION XI SYSTEMS-CLASS 1 AND 2

MAJOR ITEM: Relief Requests
TABLE: General
PAGE 1 of 1

CATEGORY ITEM	COMPONENT OR SYSTEM	GENERAL IDENTIFICATION	NDE METH	EXAMINATION AMOUNT & EXTENT	EXAM RELIEF'S & REMARKS
------------------	---------------------	---------------------------	-------------	--------------------------------	----------------------------

Relief Requests

Relief Requests 002, 003, 005, 007, 008, and 012 apply to examinations as listed in the tables. In addition, Relief Requests 002, 006, 009, and 010 apply as described below.

B1.21	Closure Head Circumferential Weld	<u>Weld No.</u> 6-446B	UT	Weld is not accessible for examination	<u>Relief No. 002</u>
C1.10	Seal Injection Filter 1-1	Girth Weld W-A Shell to Flange	UT	Relief from examination due to limited access and excessive radiation levels	<u>Relief No. 006</u>
	Seal Injection Filter 1-2	Girth Weld W-B Head to Shell	UT		<u>Relief No. 006</u>
C4.30	Bolts, Studs & Nuts SI Pump 1-1 or SI Pump 1-2	Casing Bolts	UT	Scheduling dependent on maintenance schedule due to design	<u>Relief No. 009</u>
C6.10	Cent'l Pump 1-1 or Pump 1-2	Machined Weld Drive End of Pump Casing	PT	Scheduling dependent on maintenance schedule due to design	<u>Relief No. 010</u>

