



**Commonwealth Edison**

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P

October 19, 1978

Mr. D. L. Ziemann, Chief  
Operating Reactors - Branch 2  
Division of Operating Reactors  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

Subject: Dresden Station Unit 1  
Inservice Inspection Program  
NRC Docket No. 50-10

References (a): R. L. Bolger letter to E. G. Case  
dated November 2, 1977

(b): M. S. Turbak letter to D. L. Ziemann  
dated May 16, 1978

(c): M. S. Turbak letter to D. L. Ziemann  
dated June 9, 1978

Dear Mr. Ziemann:

Reference (a) transmitted the Dresden Station Unit 1 Inservice Inspection (ISI) Program. Subsequent to that transmittal, we have answered many Staff questions (References (a) and (b)) and have had several telecons with members of the review Staff. As a result of these exchanges of information, we have decided to resubmit the program. This transmittal completely replaces the weld portion of the ISI program previously submitted (Reference (a)). The valve portion of the ISI program will be resubmitted in a few weeks.

This complete revision of the weld portion of the program incorporates; 1) comments from telecons, 2) responses to Staff questions, 3) corrections of typographical errors, and 4) reformatting to standardize the program for the three Dresden Units.

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Mr. D. L. Ziemann

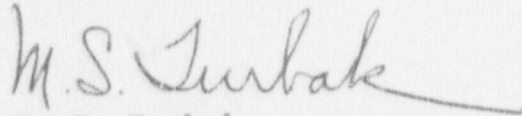
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Rather than listing individual weld numbers, the new tables show only the total number of welds or components required to be inspected over the plant lifetime for each applicable code category. The "remarks" column indicates where code allowed exemptions have been applied. Specific relief requests for the code requirements determined to be impractical are also included.

One (1) signed original and thirty-nine (39) copies of this transmittal are provided for your use.

Very truly yours,

A handwritten signature in dark ink, appearing to read "M. S. Turbak", with a long horizontal flourish extending to the right.

M. S. Turbak  
Nuclear Licensing Administrator  
Boiling Water Reactors

attachment



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REV.

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	VIS 09	SUN 10	METHOD 11	RELIEF REQUEST 12	REMARKS 14
Reactor Vessel	NA	1	C.S.	NA	5.625	--	--	--					(WA & B 5000
						B-A	B1.1	--			X	C-1	
						B-B	B1.2	--			X	C-2	
						B-C	B1.3	--			X		Head-to-Flange
							B1.3	--				C-3	Vessel-to-Flange
						B-D	B1.4	39			X	C-4	
						B-E	B1.5	80				X	CRD Partial Penetration Welds
						B-F	B1.6	41		X	X	C-5	
						B-G-1	B1.7	56			X		
							B1.8	56		X	X	C-6	Closure Nuts
							B1.9	--			X		
							B1.10	112	X				Washers
						B-G-2	B1.11	92	X				
						B-H	B1.12	28			X	C-7	
								/					





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LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
Reactor Vessel	NA	1	S.S.	NA	.375"	B-I-1	B1.13	--	X	X				Head Cladding
							B1.14	--	X					Vessel Cladding
							B-N-1	B1.15	--	X				
							B-N-2	B1.16	--	X				
							B-N-3	B1.17	--					Not Applicable to BWR
							B-O	B1.18			X			CRD Housing Weld
							B-P	B1.19				X		1 1/2" Reactor Drain Nozzles
								2						



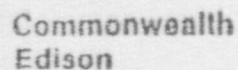
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									VIS 09	SUR 10	VOL 11	HYD 12		
Steam Drum	NA	1	C.S.	NA	3.5"	--	--	--				X		IWA & B 5000
						B-B	B3.1	--			X			
						B-D	B3.2	44			X		C-8	
						B-E	--	2						
						B-F	B3.3	38		X	X		C-9	
						B-G-2	B3.6	120	X					
						B-H	B3.7	30			X		C-10	
						B-I-2	B3.8	2	X					
						B-K-2	--	30	X					
						B-P	B3.9	14				X		IWB-1220(b)(1), 9-1½", 3-1" Instr. Penetrations
							3							



## INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

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LINE OR COMPONENT 00	P & I D AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
Secondary Steam Generator	NA	1	C.S.	NA	2.625"	--	--	--				X		IWA & B 5000
						B-B	B3.2	--			X			
						B-D	B3.2	6			X			
						B-F	B3.3	2		X	X		C-11	
						B-G-1	B3.4	0						
						B-G-2	B3.6	32	X					
						B-H	B3.7	0						
						B-I-2	B3.8	4	X					
						B-P	B3.9	5				X		1" & 1½" Drain and Vent Nozzles





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4-SECONDARY STEAM GENERATORS -- SHELL SIDE (CLASS 2)

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
Secondary Steam Generator	NA	2	C.S.	--	2.594"	--	--	--				X		IWA & C 5000
											X			
											X			
										X				
									X					
								11				X		4-1" and 7-15" Connections IWO-1220(d)
							5							



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CLASS 1 & 2 PUMP PRESSURE BOUNDARY

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
Recirc. Pump (4)	NA	1	S.S.	NA	NA	B-G-1	B5.1	20			X			
							B-K-1	B5.4	0					
							B-K-2	B5.5	2	X				
							B-L-1	B5.6	--		X			
							B-L-2	B5.7	--	X				
Post Incident Pumps (2)	NA	2	C.S.	NA	NA	C-G	C3.1	0						
							C-D	C3.2	0					
							C-E-1	C3.3	0					
							C-E-2	C3.4	0					
Unloading Heat Exchanger Pumps (2)	NA	2	C.S.	NA	NA	C-G	C3.1	0						
							C-D	C3.2	0					
							C-E-1	C3.3	--	X			C-12	
							C-E-2	C3.4	--	X			C-12	
Poison System Pumps (2)	NA	2	S.S.	NA	NA	C-G	C3.1	0						
							C-D	C3.2	0					
							C-E-1	C3.3	0					
							C-E-2	C3.4	0					





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CLASS 1 & 2 PUMP PRESSURE BOUNDARY

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
Core Spray Pumps (3)	NA	2	C.S.	NA	NA	C-G	C3.1	0						
						C-D	C3.2	0						
						C-E-1	C3.3	2		X				
						C-E-2	C3.4	2	X					





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CLASS 2 PRESSURE VESSELS

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
High Pressure Poison Storage Tank	NA	2	C.S.	NA	NA	--	--	--			X			IWA & C 5000
						C-A	C1.1	2			X			
						C-B	C1.2	9			X			
						C-C	C1.3	2		X				
						C-D	C1.4	12						
Low Pressure Poison Storage Tank	NA	2	C.S.	NA	NA	--	--	--						IWC - 5220 (d)
Scram Dump Tank	104R212 (D-7)	2	C.S.	--	--	NA	NA	NA				X		IWA & IWB - 5000
						C-A	C1.1	2			X			
						C-B	C1.2	1			X			
						C-C	C1.3	2		X				
						C-D	C1.4	0						
Core Spray Strainers (CS2A & 2B)	595 E 4	2	C.S.	--	--	NA	NA	NA				X		
						C-A	C1.1	3			X			
						C-B	C1.2	2			X			
						C-C	C1.3	6	X					
						C-D	C1.4	0						



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CLASS 2 PRESSURE VESSELS

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
Post Incident Heat Exchangers (2)	NA	2	C.S.	NA	NA	--	--	--						IWA & C 5000
						C-A	C1.1	0						Tube Side
						C-B	C1.2	2			X			"
						C-C	C1.3	0						" "
						C-D	C1.4	0						" "
Unloading Heat Exchanger (2)	NA	2	C.S.	NA	NA	--	--	--						IWA & C 5000
						C-A	C1.1	--			X			
						C-B	C1.2	2			X			
						C-C	C1.3	--		X				
						C-D	C1.4	0						
Emergency Condenser	NA	2	C.S.	NA	NA	--	--	--						IWA & C 5000
						C-A	C1.1	2			X			
						C-B	C1.2	3			X			
						C-C	C1.3	2		X				
						C-D	C1.4	0						



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LINE OR COMPONENT 00	P & I D AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0123-22	7368E84 (F-38)	1	SS	22	1.220	NA	NA	NA				X		IWB-5000
						B-J	B4.5	11			X			
						B-J	B4.7	2		X			B-1	Saddleweld Exempt
						B-K-2	B4.10	6	X					
0124-22	7368E84 (F-35)	1	SS	22	1.220	NA	NA	NA				X		IWB-5000
						B-J	B4.5	10			X			
						B-J	B4.6	5			X			
						B-J	B4.7	1		X			B-1	Saddleweld Exempt
0125-22	7368E84 (F-32)	1	SS	22	1.220	NA	NA	NA				X		IWB-5000
						B-J	B4.5	10			X			
						B-J	B4.5	2			X			
						B-J	B4.7	7		X			B-1	Saddleweld Exempt
				4		B-P	B4.11	2	X					IWB-1220 (b.3) /(c)
						B-G-2	B4.12	1	X					





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LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0126-22	7368E84 (H-23)	1	SS	22	1.220	NA	NA	NA				X		IWB-5000
						B-J	B4.5	10			X			
						B-J	B4.5	2			X			
						B-J	B4.7	1					B-1	Saddleweld Exempt
						B-P	B4.11	2	X					IWB-1220 (b.3) (c)
						B-G-2	B4.12	1	X					
0127-22	7368E84 (F-20)	1	SS	22	1.220	NA	NA	NA				X		IWB-5000
						B-J	B4.5	10			X			
						B-J	B4.6	5			X			
						B-J	B4.7	1		X			B-1	Saddleweld Exempt
						B-K-1	B4.9	6			X			
						B-K-2	B4.10	6	X					
0128-22	7368E84 (H-16)	1	SS	22	1.220	NA	NA	NA				X		IWB-5000
						B-J	B4.5	10			X			
						B-J	B4.5	2			X			
						B-J	B4.7	1		X			B-1	Saddleweld Exempt
						B-P	B4.11	2	X					
						B-G-2	B4.12	1	X					



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LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0129-22	7368E84 (K-38)	1	SS	22	1.220	NA	NA	NA				X		IWB-5000
						B-J	B4.5	3			X			
						B-P	B4.11	2	X					IWB-1220 (b.3) (c)
0130-22	7368E84 (G-29)	1	SS	22	1.145	NA	NA	NA				X		IWB-5000
						B-J	B4.5	2			X			
				18	0.950	B-J	B4.5	14			X			
						B-J	B4.7	1		X				
						B-K-2	B4.10	7	X					
0131-22	7368E84 (K-32)	1	SS	22	1.220	NA	NA	NA				X		IWB-5000
						B-J	B4.5	3			X			
						B-P	B4.11	2	X					IWB-1220 (b.3) (c)
0132-22	7368E84 (G-29)	1	SS	22	1.145	NA	NA	NA				X		IWB-5000
						B-J	B4.5	2			X			
				18	0.950	B-J	B4.5	13			X			
						B-J	B4.7	2		X				
						B-K-2	B4.10	7	X				B-1	Saddleweld Exempt
						B-P	B4.11	3	X					IWB-1220 (b.3) (c)



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LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0133-22	7368E84 (K-22)	1	SS	22	1.220	NA	NA	NA				X		IWB-5000
						B-J	B4.5	3			X			IWB-1220 (b.3) (c)
						B-P	B4.11	2	X					
0134-22	7368E84 (G-26)	1	SS	22	1.145	NA	NA	NA				X		IWB-5000
						B-J	B4.5	2			X			
				18	0.950	B-J	B4.5	13			X			
						B-J	B4.7	2		X			B-1	Saddleweld Exempt
						B-K-2	B4.10	7	X					
0135-22	7368E84 (K-17)	1	SS	22	1.220	NA	NA	NA				X		IWB-5000
						B-J	B4.5	3			X			IWB-1220 (b.3) (c)
						B-P	B4.11	2	X					
0136-22	7368E84 (G-26)	1	SS	22	1.145	NA	NA	NA				X		IWB-5000
						B-J	B4.5	2			X			
				18	0.950	B-J	B4.5	14			X			
						B-J	B4.7	2		X			B-1	Saddleweld Exempt
						B-K-2	B4.10	7	X					
						B-P	B4.11	3	X					IWB-1220 (b.3) (c)





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LINE OR COMPONENT 00	P & I D AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0322-6	7368E84 (G-36)	1	SS	6	0.432	NA	NA	NA				X		IWB-5000
						B-J	B4.5	8			X			IWB-1220 (b.3) (c)
						B-P	B4.11	2	X					
						B-K-2	B4.10	1	X					
0323-6	7368E84 (G-34)	1	SS	6	0.432	NA	NA	NA				X		IWB-5000
						B-J	B4.5	8			X			
						B-K-2	B4.10	1	X					IWB-1220 (b.3) (c)
						B-P	B4.11	2	X					
0324-6	7368E84 (H-20)	1	SS	6	0.432	NA	NA	NA				X		IWB-5000
						B-J	B4.5	8			X			
						B-K-2	B4.10	1	X					IWB-1220 (b.3) (c)
						B-P	B4.11	2	X					
0325-6	7368E84 (H-19)	1	SS	6	0.432	NA	NA	NA				X		IWB-5000
						B-J	B4.5	8			X			
						B-K-2	B4.10	1	X					IWB-1220 (b.3) (c)
						B-2	B4.11	2	X					



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(RISERS)  
NUCLEAR STEAM SUPPLY

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0111-16	7368E84 (D-37)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 8 3			X	X		IWB-5000
0112-16	7368E84 (D-36)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 8 3			X	X		IWB-5000
0113-16	7368E84 (D-36)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 7 3			X	X		IWB-5000
0114-16	7368E84 (D-35)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 7 3			X	X		IWB-5000
0115-16	7368E84 (D-34)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 8 3			X	X		IWB-5000



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# DRESDEN NUCLEAR POWER STATION - UNIT-1

## INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

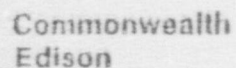
PAGE C- 2 of 3

REV. 0  
(RISERS)

NUCLEAR STEAM SUPPLY

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0116-16	7368E84 (D-34)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 8 3			X	X		IWB-5000
0117-16	7368E84 (D-21)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 8 3			X	X		IWB-5000
0118-16	7368E84 (D-21)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 8 3			X	X		IWB-5000
0119-16	7368E84 (D-20)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 7 3			X	X		IWB-5000
0120-16	7368E84 (D-19)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 7 3			X	X		IWB-5000



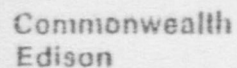


## INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

REV. 0  
(RISERS)

NUCLEAR STEAM SUPPLY

LINE OR COMPONENT 00	P & I D AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0121-16	7368E84 (D-19)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 8 3			X	X		IWB-5000
0122-16	7368E84 (D-18)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 7 3			X	X		IWB-5000



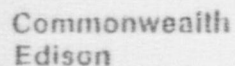
## INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

REV. 0  
(DOWNCOMERS)

## NUCLEAR STEAM SUPPLY

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0101-16	7368E84 (D-37)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 7 3			X	X		IWB-5000
0102-16	7368E84 (D-36)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 7 3			X	X		IWB-5000
0103-16	7368E84 (D-35)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 7 3			X	X		IWB-5000
0104-16	7368E84 (D-35)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 7 3			X	X		IWB-5000
0105-16	7368E84 (D-34)	1	SS	16	1.218	NA B J B-K-2	NA B4.5 B4.10	NA 7 3			X	X		IWB-5000





## INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

(DOWNCOMERS)  
NUCLEAR STEAM SUPPLY

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0106-16	7368E84 (D-21)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 7 3			X	X		IWB-5000
0107-16	7368E84 (D-20)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 7 3			X	X		IWB-5000
0108-16	7368E84 (D-20)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 7 3			X	X		IWB-5000
0109-16	7368E84 (D-19)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 7 3			X	X		IWB-5000
0110-16	7368E84 (D-18)	1	SS	16	1.218	NA B-J B-K-2	NA B4.5 B4.10	NA 7 3			X	X		IWB-5000





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# DRESDEN NUCLEAR POWER STATION - UNIT-1

## INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

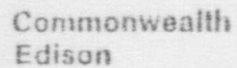
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REV. 0

DEMIN INLET & DRAIN CONN.

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0137-6	7368E84 (H-26)	1	SS	6	0.432	NA B-J B-K-2	NA B4.5 B4.10	NA 16 5			X	X		IWB-5000
0301-4	7368E84 (L-31)	1	SS	4	0.337	NA B-J B-K-2 B-P	NA B4.5 B4.10 B4.11	NA 13 2 1			X	X		IWB-5000  BPC IWB-1220 (b.3) (c)
0308-4	7368E84 (L-24)	1	SS	4	0.337	NA B-J B-K-2 B-P	NA B4.5 B4.10 B4.11	NA 11 2 1			X	X		IWB-5000  BPC IWB-1220 (b.3) (c)
0504-4	7368E84 (H-26)	1	SS	4	0.337	NA B-J B-K-2 B-P	NA B4.5 B4.10 B4.11	NA 37 2 1			X	X		IWB-5000  BPC IWB-1220 (b.3) (c)

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## INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

REV. 0

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0505-1 1/2	7368E84 (H-29)	1	SS	1.5	0.200	NA	NA	NA				X		IWB-1220 (b.3) (c)
0506-1 1/2	7368E84 (H-29)	1	SS	1.5	0.200	NA	NA	NA				X		IWB-1220 (b.3) (c)
0507-1 1/2	7368E84 (H-28)	1	SS	1.5	0.200	NA	NA	NA				X		IWB-1220 (b.3) (c)



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DRESDEN NUCLEAR POWER STATION - UNIT-1

INSERVICE INSPECTION PROGRAM  
FOR CLASS 1, 2 & 3 COMPONENTS

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REACTOR UNLOADING  
& DEMIN RETURN

LINE OR COMPONENT 00	P & I D AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0401-10	7368E84 (G-26)	1	SS	10	0.594	NA	NA	NA				X		IWB-5000
							B-J	B4.5			X			
							B-K-2	B4.10	X					
							B-P	B4.11	X					BPC IWB-1220 (b.3) (c)
0404-10	7368E84 (G-25)	1	SS	10	0.594	NA	NA	NA				X		IWB-5000
							B-J	B4.5			X			
							B-K-2	B4.10	X					
							B-P	B4.11	X					BPC IWB-1220 (b.3) (c)
0403-6	7368E84 (G-23)	1	SS	6	0.432	NA	NA	NA				X		IWB-5000
							B-J	B4.5			X			
							B-P	B4.11	X					BPC IWB-1220 (b.3) (c)
0405-6	7368E84 (H-30)	1	SS	6	0.432	NA	NA	NA				X		IWB-5000
							B-F	B4.1		X	X			
							B-J	B4.5			X			
							B-P	B4.11	X					BPC IWB-1220 (b.3) (c)

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# DRESDEN NUCLEAR POWER STATION - UNIT-1

## INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

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REACTOR UNLOADING  
& DEMIN RETURN

LINE OR COMPONENT 00	P & I D AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0306-4	7368E84 (K-31)	1	SS	4	0.337	NA	NA	NA				X		IWB-5000
						B-J	B4.5	21			X			
						B-K-2	B4.10	4	X					BPC IWB-1220 (b.3) (c)
						B-P	B4.11	3	X					
0307-4	7368E84 (L-31)	1	SS	4	0.337	NA	NA	NA				X		IWB-5000
						B-J	B4.5	21			X			
						B-K-1	B4.9	1						
						B-K-2	B4.10	4	X					BPC IWB-1220 (b.3) (c)
						B-P	B4.11	2	X					
1901-10	7368E84 (J-25)	2	SS	10	0.594	NA	NA	NA				X		IWC-5000
						C-F	C2.1	5			X			
						C-F	C2.3	1				X		BPC IWC-1220 (d) /2510
1904-10	7368E84 (K-25)	2	SS	10	0.594	NA	NA	NA				X		IWC-5000
						C-F	C2.1	6			X			
						C-F	C2.3	1				X		BPC IWC-1220 (d) /2510

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DRESDEN NUCLEAR POWER STATION - UNIT-1

INSERVICE INSPECTION PROGRAM  
FOR CLASS 1, 2 & 3 COMPONENTS

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REV. 0  
REACTOR UNLOADING  
& DEMIN RETURN

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
1902-6	7368E84 (G-27)	2	SS	6	0.432	NA C-F C-F C-E-2	NA C2.1 C2.3 C2.6	NA 9 3 1			X	X		IWC-5000  BPC IWC-1220 (d) /2510
1903-6	7368E84 (G-29)	2	SS	6	0.432	NA C-F C-F C-F	NA C2.1 C2.3 C2.1	NA 10 4 1			X	X X X		IWC-5000  BPC IWC-1220 (d) /2510
1905-6	7368E84 (K-27)	2	SS	6	0.432	NA C-F C-F C-E-2	NA C2.1 C2.3 C2.6	NA 9 3 1			X	X X		IWC-5000  BPC IWC-1220 (d) /2510
1906-6	7368E84 (K-29)	2	SS	6	0.432	NA C-F C-F	NA C2.1 C2.3	NA 6 4			X	X X		IWC-5000  IWC-1220 (d) /2510

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DRESDEN NUCLEAR POWER STATION - UNIT-1

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FOR CLASS 1, 2 & 3 COMPONENTS

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REV. 0

POISON SYSTEM

00 LINE OR COMPONENT	01 P & ID AND COORDI- NATES	02 CLASS	03 MATERIAL	04 SIZE	05 THICK- NESS	06 SECTION XI CATEGORY	07 ITEM NUMBER	08 NUMBER OF ITEMS	METHOD OF INSPECTION				13 RELIEF REQUEST	14 REMARKS
									09 VIS	10 SUR	11 VOL	12 HYD		
0406-3	7368E84 (E-39)	1	SS	3		NA	NA	NA				X		IWB-5000
				4		B-J	B4.5	1			X			
				3		B-J	B4.5	10			X			
						B-P	B4.11	1	X					BPC IWB 1220 (b.3) (c)
0407-3	7368E84 (G-40)	1	SS	3		NA	NA	NA				X		IWB-5000
						B-F	B4.1	1		X	X			
						B-J	B4.5	24			X			
						B-P	B4.11	1	X					IWB-1220 (b.3) (c)
0406-3	7368E84 (E-40)	2	SS	3		NA	NA	NA				X		IWC-1220 (d) /2510
0407-3	7368E84 (G-40)	2	SS	3		NA	NA	NA				X		IWC-1220 (d) /2510
1-1101-1 1/2	7368E84 (G-42)	2	SS	1.5		NA	NA	NA				X		IWC-1220 (d) /2510

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DRESDEN NUCLEAR POWER STATION - UNIT-1

# INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

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REV. 0

POISON SYSTEM

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	H'D 12		
1-1109-1 1/2	7368E84 (G-43)	2	SS	1.5		NA	NA	NA				X		IWC-1220 (d) /2510
1-1102A-1	7368E84 (H-42)	2	SS	1		NA	NA	NA				X		IWC-1220 (d) /2510
1-1102B-1	7368E84 (H-42)	2	SS	1		NA	NA	NA				X		IWC-1220 (d) /2510
1-1103-1	7368E84 (G-43)	2	SS	1		NA	NA	NA				X		IWC-1220 (d) /2510
1-1101A-3/4	7368E84 (H-44)	2	SS	.75		NA	NA	NA				X		IWC-1220 (d) /2510
1-1101B-3/4	7368E84 (H-44)	2	SS	.75		NA	NA	NA				X		IWC-1220 (d) /2510
1-1107-3/4	7368E84 (F-41)	2	SS	.75		NA	NA	NA				X		IWC-1220 (d) /2510
1-1104-1/2	7368E84 (G-43)	2	SS	.5		NA	NA	NA				X		IWC-1220 (d) /2510
1-1106-1/2	7368E34 (F-42)	2	SS	.5		NA	NA	NA				X		IWC-1220 (d) /2510
1-1100-2	7368E84 (H-44)	2	SS	2		NA	NA	NA						IWC-1220 (d) /5220 (c)
1-1105-2	7368E84 (F-43)	2	SS	2		NA	NA	NA						IWC-1220 (d) /5220 (c)



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DRESDEN NUCLEAR POWER STATION - UNIT-1

INSERVICE INSPECTION PROGRAM  
FOR CLASS 1, 2 & 3 COMPONENTS

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REV. 0

POISON SYSTEM

LINE OR COMPONENT 00	P & I D AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
1-1108-2	7368E84 (G-44)	2	SS	2		NA	NA	NA						IWC-1220 (d) /5220 (c).
1-1100A-1 1/2	7368E84 (E-44)	2	SS	2		NA	NA	NA						IWC-1220 (d) /5220 (c)
1-1100B-1 1/2	7368E84 (H-44)	2	SS	2		NA	NA	NA						IWC-1220 (d) /5220 (c)
								27						



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DRESDEN NUCLEAR POWER STATION - UNIT-1

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FOR CLASS 1, 2 & 3 COMPONENTS

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REV. 0

EMERGENCY CONDENSER

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0201-8	7368E84 (A-42)	1	SS	8	0.593	NA	NA	NA				X		IWB-5000
						B-F	B4.1	1		X	X			
						B-J	B4.5	8			X			
						B-J	B4.7	1		X				
						B-K-1	B4.9	2		X				
						B-K-2	B4.10	2	X					
0202-8	7368E84 (A-40)	1	SS	8	0.593	NA	NA	NA				X		BPC IWB-1220 (b.3) (c)
						B-F	B4.1	1		X	X			IWB-5000
						B-J	B4.5	10			X			
						B-J	B4.7	1		X				
						B-K-1	B4.9	2		X				
						B-K-2	B4.10	2	X					
0203-6	7368E84 (D-42)	1	SS	6	0.432	NA	NA	NA				X		BPC IWB-1220 (b.3) (c)
						B-F	B4.1	1		X	X			IWB-5000
						B-J	B4.5	7			X			
						B-K-1	B4.9	1		X				
						B-K-2	B4.10	1	X					
						B-P	B4.11	1	X					

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EMERGENCY CONDENSER

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0204-6	7368E84 (D-40)	1	SS	6	0.432	NA	NA	NA				X		IWB-5000
						B-F	B4.1	1		X	X			
						B-J	B4.5	7			X			
						B-K-1	B4.9	1		X				
						B-K-2	B4.10	1	X					
						B-P	B4.11	1	X					BPC IWB-1220 (b.3) (c)
0205-3/4	7368E84 (A-33)	1	SS	.75	0.154	NA	NA	NA				X		IWB-1220 (c) /2510
0206-3/4	7368E84 (A-39)	1	SS	.75	0.154	NA	NA	NA				X		IWB-1220 (c) /2510
4013-3	7368E84 (D-43)	2	CS	3	0.300	NA	NA	NA	X					IWC-1220 (d) /5220 (d)
7109-2	7368E84 (A-40)	2	CS	2	0.154	NA	NA	NA	X					IWC-1220 (d) /5220 (d)
7109-1	7368E84 (A-41)	2	CS	1	0.133	NA	NA	NA	X					IWC-1220 (d) /5220 (d)

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DRESDEN NUCLEAR POWER STATION - UNIT-1

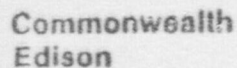
INSERVICE INSPECTION PROGRAM  
FOR CLASS 1, 2 & 3 COMPONENTS

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EMERGENCY CONDENSER

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
7109-2	7368E84 (A-40)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200
7109-1	7368E84 (A-41)	3	CS	1	0.133	NA	NA	NA				X		IWD-1200
30														



## INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

REV. 0

### CONTROL ROD DRIVE

LINE OR COMPONENT	P & ID AND COORDI- NATES	CLASS	MATERIAL	SIZE	THICK- NESS	SECTION XI CATEGORY	ITEM NUMBER	NUMBER OF ITEMS	METHOD OF INSPECTION				RELIEF REQUEST	REMARKS
									VIS 09	SUR 10	VOL 11	HYD 12		
00	01	02	03	04	05	06	07	08	09	10	11	12	13	14
0628-3/4	104R212 (C-24)	1	SS	.75	0.154	NA	NA	NA				X		IWB-1220 (b.3). (c)
2202-6	104R212 (E-8)	2	CS	6	0.562	NA C2.1 G2.3	NA	NA				X		IWB-5000
2203-4	104R212 (T-9)	2	CS	4	0.438	NA	NA	NA				X		IWC-1220 (d) /5220
2204-4	104R212 (F-8)	2	CS	4	0.438	NA	NA	NA				X		IWC-1220 (d) /5220
2200-3	104R212 (G-25)	2	CS	3	0.300	NA	NA	NA				X		IWC-1220 (d) /5220
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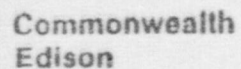
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FOR CLASS 1, 2 & 3 COMPONENTS

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CONTROL ROD DRIVE

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
2206-2	104R212 (F-7)	2	CS	2	0.218	NA	NA	NA				X		IWC-1220 (d) /5220
0605-1-1 1/2 thru 0605-27-1 1/2	104R212 (H-11)	2	SS	1.5	0.200	NA	NA	NA				X		IWC-1220 (d) /5220
0608-1-1 1/2 thru 0608-27-1 1/2	104R212 (C-13)	2	SS	1.5	0.200	NA	NA	NA				X		IWC-1220 (d) /5220
0606-1-1 thru 0606-80-1	104R212 (E-16)	2	SS	1	0.179	NA	NA	NA				X		IWC-1220 (d) /5220
0609-1-1 thru 0609-80-1	104R212 (C-15)	2	SS	1	0.179	NA	NA	NA				X		IWC-1220 (d) /5220
2205-1-1 thru 2205-27-1	104R212 (F-10)	2	CS	1	0.179	NA	NA	NA				X		IWC-1220 (d) /5220
0607-1-1/2 thru 0607-80-1/2	104R212 (H-16)	2	SS	.5	—	NA	NA	NA				X		IWC-1220 (d) /5220
32														



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CONTROL ROD DRIVE

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0610-1-1 1/2 thru 0610-80-1/2	104R212 (H-15)	2	SS	.5	—	NA	NA	NA				X		IWC-1220 (d) /2510



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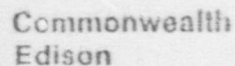
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CORE SPRAY

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
CS-114-10	595 (D-1)	1	SS	10	0.594	NA	NA	NA				X		IWB-5000
						B-J	B4.5	7			X			
						B-K-1	B4.9	2		X				
						B-K-2	B4.10	3	X					
						B-P	B4.11	2	X					BPC IWB-1220 (b.3) (c)
CS-115-10	595 (D-1)	1	SS	10	0.594	NA	NA	NA				X		IWB-5000
			SS	8	0.500	B-J	B4.5	13			X			
						B-J	B4.5	3			X			
						B-J	B4.6	1			X			
						B-K-1	B4.9	2		X				
						B-K-2	B4.10	4	X					
						B-P	B4.11	2	X					
						B-G-2	B4.12	3	X					BPC IWB-1220 (b.3) (c)
								34						





## INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

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## CORE SPRAY

LINE OR COMPONENT	P & ID AND COORDI- NATES	CLASS	MATERIAL	SIZE	THICK- NESS	SECTION XI CATEGORY	ITEM NUMBER	NUMBER OF ITEMS	METHOD OF INSPECTION				RELIEF REQUEST	REMARKS
									VIS	SUR	VOL	HYD		
00	01	02	03	04	05	06	07	08	09	10	11	12	13	14
CS-111-10	595 E-3	2	CS	10	0.365	NA	NA	NA				X		IWC-2510
						C-G	C2.1	80						
								8						
								0.322						
CS-111A-10	595 E-5	2	CS	10	0.365	NA	NA	NA				X		IWC-2510
						C-G	C2.1	6						
						C-D	C2.4	1	X					
						C-E-1	C2.5	1		X				
						C-E-2	C2.6	1	X					
CS-111B-10	595 E-4	2	CS	10	0.365	NA	NA	NA				X		IWC-2510
						C-G	C2.1	6						
						C-D	C2.4	1	X					
						C-E-1	C2.5	1		X				
						C-E-2	C2.6	1	X					
CS-200-8	595 F-3	2	CS	8	0.322	NA	NA	NA				X		IWC-2510
						C-G	C2.1	8						
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CORE SPRAY

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
CS-119-10	595 C-4	2	CS	10	0.365	C-E-1	C2.5	1		X			IWC-2510	
						C-E-2	C2.6	1	X					
						NA	NA	NA				X		
						C-G	C2.1	10			X			
						C-G	C2.3	3			X			
CS-119A-10	595 D-5	2	CS	10	0.365	C-E-2	C2.6	2	X				IWC-2510	
						NA	NA	NA				X		
						C-G	C2.1	7			X			
						C-D	C2.4	1	X		X			
						C-E-1	C2.5	1		X				
CS-119B-10	595 D-4	2	CS	10	0.365	C-E-2	C2.6	2	X				IWC-2510	
						NA	NA	NA				X		
						C-G	C2.1	5			X			
						C-D	C2.4	1	X		X			
						C-E-1	C2.5	1		X				
CS-104-8	595 C-5	2	CS	8	0.322	C-E-2	C2.6	1	X				IWC-2510	
						NA	NA	NA				X		
						C-G	C2.1	5			X			
								36						

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CORE SPRAY

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
CS-105-8	595 B-5	2	CS	8	0.322	C-G	C2.3	2			X		IWC-2510	
						C-D	C2.4	1	X		X			
						NA	NA	NA				X		
						C-G	C2.1	5			X			
						C-G	C2.3	2			X			
CS-106-8	595 A-5	2	CS	8	0.322	C-D	C2.4	1	X				IWC-2510	
						NA	NA	NA				X		
						C-G	C2.1	7			X			
						C-G	C2.3	2			X			
						C-D	C2.4	1	X		X			
CS-301-8	595 D-4	2	CS	8	0.322	C-E-1	C2.5	1		X			IWC-2510	
						C-E-2	C2.6	1	X					
						NA	NA	NA				X		
						C-G	C2.1	4			X			
						C-G	C2.3	1			X			
						C-E-2	C2.6	1	X					
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CORE SPRAY

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
CS-301-6	595 D-3	2	CS	6	0.280	NA	NA	NA				X	IWC-2510	
						C-G	C2.1	36			X			
						C-G	C2.3	2			X			
						C-D	C2.4	1	X		X			
						C-E-1	C2.5	3		X				
						C-E-2	C2.6	5	X					
CS-302-6	595 D-4	2	CS	6	0.280	NA	NA	NA				X	IWC-2510	
						C-G	C2.1	33			X			
						C-G	C2.3	2			X			
						C-D	C2.4	1	X		X			
						C-E-1	C2.5	3		X				
						C-E-2	C2.6	6	X					
CS-306-6	595 C-3	2	CS	6	0.280	NA	NA	NA				X	IWC-2510	
						C-G	C2.1	4			X			
CS-307-6	595 C-3	2	CS	6	0.280	NA	NA	NA				X	IWC-2510	
						C-G	C2.1	4			X			
CS-101-8	595 C-6	2	CS	8	0.322	NA	NA	NA				X	IWC-2510	
						C-G	C2.1	2			X			
38														



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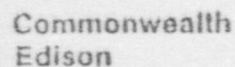
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CORE SPRAY

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14		
									VIS 09	SUR 10	VOL 11	HYD 12				
CS-102-8	595 B-6	2	CS	8	0.280	C-G	C2.1	3			X			IWC-2510		
						C-D	C2.4	1	X		X					
						C-E-1	C2.5	1		X						
						C-E-2	C2.6	1	X							
CS-103-8	595 A-6	2	CS	8	0.322	NA	NA	NA				X		IWC-2510		
						C-G	C2.1	2			X					
						6	0.280	C-G	C2.1	3					X	
						C-D		C2.4	1	X		X				
						C-E-1		C2.5	1		X					
CS-121-3	595 D-3	2	CS	3	0.216	NA	NA	NA				X		IWC-1220 (d) /2510		
						C-G	C2.1	2			X					
						C-D	C2.4	1	X		X					
						C-E-1	C2.5	1		X						
CS-107-2	595 B-5	2	CS	2	0.218	NA	NA	NA				X		IWC-1220 (d) /2510		
						C-E-2	C2.6	1	X							
39																



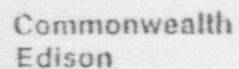
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CORE SPRAY

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
CS-108-2	595 B-5	2	CS	2	0.218	NA	NA	NA				X		IWC-1220 (d) /2510
CS-109-2	595 A-5	2	CS	2	0.218	NA	NA	NA				X		IWC-1220 (d) /2510
CS-118A-2	595 E-4	2	CS	2	0.218	NA	NA	NA				X		IWC-1220 (d) /2510
CS-118B-2	595 D-4	2	CS	2	0.218	NA	NA	NA				X		IWC-1220 (d) /2510
CS-120A-2	595 D-5	2	CS	2	0.218	NA	NA	NA				X		IWC-1220 (d) /2510
CS-303-2	595 C-3	2	CS	2	0.218	NA	NA	NA				X		IWC-1220 (d) /2510
CS-304-2	595 C-3	2	CS	2	0.218	NA	NA	NA				X		IWC-1220 (d) /2510
CS-112-1	595 E-3	2	CS	1	0.179	NA	NA	NA				X		IWC-1220 (d) /2510
CS-120B-2	595 D-5	2	CS	2	0.218	NA	NA	NA				X		IWC-1220 (d) /2510



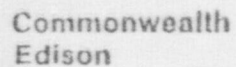


## INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

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REACTOR TO STEAM DRUM

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0501-2	7368E84 (D-28)	1	SS	2	0.218	NA B-J	NA B4.8	NA 27		X		X		IWB-5000



## INSERVICE INSPECTION PROGRAM

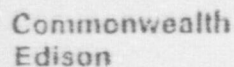
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STEAM DRUM VENT

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0811-2	7368E84 (B-19)	1	SS	2	0.218	NA B-J	NA B4.1	NA 5			X	X		IWB-5000
0812-2	7368E84 (B-36)	1	SS	2	0.218	NA B-J	NA B4.1	NA 5			X	X		IWB-5000

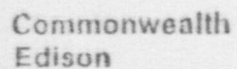


## INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

(VENTS & DRAINS)  
NUCLEAR STEAM SUPPLY

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0409-1	7368E84 (D-27)	1	SS	1	0.200	NA	NA	NA				X		IWB-1220 (b.3) (c)
0410-1	7368E84 (D-40)	1	SS	1	0.200	NA	NA	NA				X		IWB-1220 (b.3) (c)
0411-1	7368E84 (D-40)	1	SS	1	0.200	NA	NA	NA				X		IWB-1220 (b.3) (c)
1414-1	7368E84 (K-38)	1	CS	1	0.200	NA	NA	NA				X		IWB-1220 (b.3) (c)
1415-1	7368E84 (K-32)	1	CS	1	0.200	NA	NA	NA				X		IWB-1220 (b.3) (c)
1416-1	7368E84 (K-22)	1	CS	1	0.200	NA	NA	NA				X		IWB-1220 (b.3) (c)
1417-1	7368E84 (K-17)	1	CS	1	0.200	NA	NA	NA				X		IWB-1220 (b.3) (c)





## INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

REV. 0  
(VENTS & DRAINS)  
NUCLEAR STEAM SUPPLY

LINE OR COMPONENT 00	P & I D AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0205-3/4	7368E84 (A-33)	1	SS	.75	0.154	NA	NA	NA				X		IWB-1220 (b.3) (c)
0206-3/4	7368E84 (A-39)	1	SS	.75	0.154	NA	NA	NA				X		IWB-1220 (b.3) (c)
Reactor Inst. Lines	7368E84 (various)	1	—	<1	—	NA	NA	NA				X		IWB-1220 (b.3) (c)



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MAIN STEAM

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
0701-18	7368E84 (A-15)	1	CS	18	0.938	NA	NA	NA				X		IWB-5000
				12	0.688	B-J	B4.5	9			X			
						B-J	B4.5	3			X			
						B-K-2	B4.10	8	X					
						B-P	B4.11	3	X					BPC IWB-1220 (b.3) (c)
0702-18	7368E84 (B-15)	1	CS	18	0.938	NA	NA	NA				X		IWB-5000
						B-J	B4.5	9			X			
				12	0.688	B-J	B4.5	3			X			
						B-K-2	B4.10	6	X					
						B-P	B4.11	5	X					BPC IWB-1220 (b.3) (c)
0719-14	7368E84 (C-13)	1	CS	14	0.666	NA	NA	NA				X		IWB-5000
						B-J	B4.5	6			X			
						B-J	B4.6	2			X			
						B-P	B4.11	1	X					BPC IWB-1220 (b.3) (c)
0721-12	7368E84 (B-35)	1	CS	12	0.688	NA	NA	NA				X		IWB-5000
						B-J	B4.5	3			X			
						B-J	B4.6	1			X			
						B-K-2	B4.10	1	X					
						B-P	B4.11	1	X					BPC IWB-1220 (b.3) (c)

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MAIN STEAM

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
Safe end to Bell Reducer for Safety Valves	7836E84	1	SS	6	—	NA B-J	NA B4.5	NA 1			X	X		IWB-5000
Bell Reducer to Flange for Safety Valve	7836E84	1	SS	3	—	NA B-J	NA B4.5	NA 1			X	X		IWB-5000
							47							

## INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

PRIMARY FEED

LINE OR COMPONENT	P&ID AND COORDI- NATES	CLASS	MATERIAL	SIZE	THICK- NESS	SECTION XI CATEGORY	ITEM NUMBER	NUMBER OF ITEMS	METHOD OF INSPECTION				RELIEF REQUEST	REMARKS
									VIS 09	SUR 10	VOL 11	HYD 12		
00	01	02	03	04	05	06	07	08	09	10	11	12	13	14
2411-10	7368E84 (A-26)	1	CS	10	0.844	NA B-J B-K-1 B-K-2 B-P	NA B4.5 B4.9 B4.10 B4.11	NA 38 2 16 10	X   X		X X	X		IWB-5000  BPC IWB-1220 (b.3) (c)
2414-10	7368E83 (G-54)	1	CS	10	0.844	NA B-J	NA B4.5	NA 3			X	X		IWB-5000
2423-10	7368E84 (B-28)	1	CS	10	0.844	NA B-J	NA B4.5	NA 4			X	X		IWB-5000
2424-10	7368E84 (B-28)	1	CS	10	0.844	NA B-J B-K-2	NA B4.5 B4.10	NA 8 2	X		X	X		IWB-5000
2420-3	7368E83 (G-57)	1	CS	3	0.300	NA B-J	NA B4.5	NA 6				X		IWB-5000



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SECONDARY STEAM

00 LINE OR COMPONENT	01 P&ID AND COORDI- NATES	02 CLASS	03 MATERIAL	04 SIZE	05 THICK- NESS	06 SECTION XI CATEGORY	07 ITEM NUMBER	08 NUMBER OF ITEMS	METHOD OF INSPECTION				13 RELIEF REQUEST	14 REMARKS
									09 VIS	10 SUR	11 VOL	12 HYD		
1301-18	7368E84 (F-11)	2	CS	18	0.937	NA C-G C-E-1 C-E-2	NA C2.1 C2.5 C2.6	NA 5 2 2			X	X		IWC-5000
1302-18	7368E84 (E-11)	2	CS	18	0.937	NA C-G C-E-1 C-E-2	NA C2.1 C2.5 C2.6	NA 5 2 2			X	X		IWC-5000
1301-12	7368E84 (F-14)	2	CS	12	0.469	NA C-G C-G C-E-2	NA C2.1 C2.3 C2.6	NA 25 5 9			X	X		IWC-5000 IWC-1220 (d) /2510
1302-12	7368E84 (E-14)	2	CS	12	0.469	NA C-G C-G C-E-2	NA C2.1 C2.3 C2.6	NA 23 5 9		X	X	X		IWC-5000
49														





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SECONDARY STEAM

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
1321-12	7368E84 (E-14)	2	CS	12	0.469	NA C-G C-G C-E-2	NA C2.1 C2.3 C2.6	NA 16 5 4			X  X	X  X		IWC-5000  IWC-1220 (d) /2510
1322-12	7368E84 (E-14)	2	CS	12	0.469	NA C-G C-G C-E-2	NA C2.1 C2.3 C2.6	NA 17 5 4			X  X	X  X		IWC-5000  IWC-1220 (d) /2510
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STEAM LINE DRAINS

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
1400-1 1/2	7368E34 (L-31)	2	CS	1.5	0.200	NA	NA	NA				X		IWC-1220 (d) /2510
1401-1 1/2	7368E84 (K-36)	2	CS	1.5	0.200	NA	NA	NA				X		IWC-1220 (d) /2510
1402-1 1/2	7368E84 (K-34)	2	CS	1.5	0.200	NA	NA	NA				X		IWC-1220 (d) /2510
1403-1 1/2	7368E84 (K-20)	2	CS	1.5	0.200	NA	NA	NA				X		IWC-1220 (d) /2510
1404-1 1/2	7368E84 (K-16)	2	CS	1.5	0.200	NA	NA	NA				X		IWC-1220 (d) /2510
1405-1	7368E84 (G-11)	2	CS	1	0.179	NA	NA	NA				X		IWC-1220 (d) /2510
1406-1	7368E84 (G-11)	2	CS	1	0.179	NA	NA	NA				X		IWC-1220 (d) /2510

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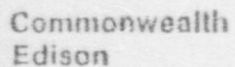
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STEAM LINE DRAINS

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
1407-1	7368E84 (G-11)	2	CS	1	0.179	NA	NA	13				X		IWC-1220 (d) /2510
1408-1	7368E84 (G-11)	2	CS	1	0.179	NA	NA	NA				X		IWC-1220 (d) /2510
0723-3	7368E84 (D-10)	2	CS	3	0.300	NA	NA	NA				X		IWC-1220 (d) /2510
1440-1	7368E84 (J-30)	2		1		NA	NA	NA				X		IWC-1220 (d) /2510
1441-1	7368E84 (J-33)	2		1		NA	NA	NA				X		IWC-1220 (d) /2510
1442-1	7368E84 (J-21)	2		1		NA	NA	NA				X		IWC-1220 (d) /2510
1443-1	7368E84 (J-17)	2		1		NA	NA	NA				X		IWC-1220 (d) /2510
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## STEAM LINE DRAINS

LINE OR COMPONENT 00	P & I D AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUES. 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
4013														
4493-1	7368E84	2	CS	1	0,218	NA	NA	NA				X		IWC-1220 (d) /2510
4012-2														
1400-3	7368E84	2	CS	3	0,300	NA	NA	NA				X		IWC-1220 (d) /2510



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SECONDARY FEED

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
1623-6	7368E84 (J-13)	2	CS	6	0.432	NA C-G C-G C-E-1 C-E-2	NA C2.1 C2.3 C2.5 C2.6	NA 31 4 2 10	X	X	X	X		IWC-5000  IWC-1220 (d) /2510
1627-2	7368E84 (J-20)	2		2		NA	NA	NA				X		IWC-1220 (d) /2510
1625-6	7368E84 (K-13)	2	CS	6	0.432	NA C-G C-G C-E-1 C-E-2	NA C2.1 C2.3 C2.5 C2.6	NA 33 6 2 15	X	X	X	X		IWC-5000  IWC-1220 (d) /2510
1629-2	7368E84 (K-36)	2		2		NA	NA	NA				X		IWC-1220 (d) /2510

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SECONDARY FEED

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
1622-6	7368E84 (J-13)	2	CS	6	0.432	NA	NA	NA				X		IWC-5000
						C-G	C2.1	29			X			
						C-G	C2.3	7				X		IWC-1220 (d) /2510
						C-E-1	C2.5	2		X				
						C-E-2	C2.6	6	X					
1626-2	7368E84 (J-18)	2		2		NA	NA	NA						IWC-1220 (d) /2510
1624-6	7368E84 (K-13)	2	CS	6	0.432	NA	NA	NA				X		IWC-5000
						C-G	C2.1	30			X			
						C-G	C2.3	7				X		IWC-1220 (d) /2510
						C-E-1	C2.5	2		X				
						C-E-2	C2.6	12	X					
1628-2	7368E84 (J-34)	2		2		NA	NA	NA				X		IWC-1220 (d) /2510
								55						





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SECONDARY FEED

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
1612-10	7368E83 (K-56)	2	CS	10	0.594	NA C-G C-G C-G C-E-1 C-E-2	NA C2.1 C2.1 C2.3 C2.5 C2.6	NA 22 2 3 2 8			X X	X  X		IWC-5000   IWC-1220 (d) /2510
1611-10	7368E83 (H-54)	2	CS	10	0.594	NA C-G	NA C2.1	NA 3	X	X	X	X		IWC-5000
								56						



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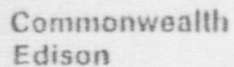
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RIVER WATER

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6403-20	104R200 (C-14)	3	CS	20	0.375	NA	NA	NA				X		IWD-1200/5200
6400-12	104R200 (D-10)	3	CS	12	0.375	NA	NA	NA				X		IWD-1200/5200
6401-12	104R200 (D-15)	3	CS	12	0.375	NA	NA	NA				X		IWD-1200/5200
6402-12	104R200 (D-17)	3	CS	12	0.375	NA	NA	NA				X		IWD-1200/5200
6000-8	104R200 (B-9)	3	CS	12	0.375	NA	NA	NA				X		IWD-1200/5200
6716-3/4	104R200 (G-11)	3	CS	.75	0.113	NA	NA	NA				X		IWD-1200/5200
6717-3/4	104R200 (G-16)	3	CS	.75	0.113	NA	NA	NA				X		IWD-1200/5200
57														



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RIVER WATER

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6720-3/4	104R200 (G-16)	3	CS	.75	0.113	NA	NA	NA				X		IWD-1200/5200
6732-3/4	104R200 (G-9)	3	CS	.75	0.113	NA	NA	NA				X		IWD-1200/5200
								58						





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SERVICE WATER

LINE OR COMPONENT 00	P & I D AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6459-16	104R201 (B-19)	2	CS	16	0.375	NA	NA	NA				X		IWC-1220 (a) /2510
6482-16	104R201 (K-21)	2	CS	16	0.375	NA	NA	NA				X		IWC-1220 (a) /2510
7124-2	104R201 (B-26)	2	CS	2	0.154	NA	NA	NA				X		IWC-1220 (a) /2510
59														



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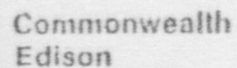
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SERVICE WATER

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6403-20	104R201 (B-28)	3	CS	20	0.375	NA	NA	NA				X		IWD-1200/5200
6459-16	104R201 (B-20)	3	CS	16	0.375	NA	NA	NA				X		IWD-1200/5200
6482-14	104R201 (J-21)	3	CS	14	0.375	NA	NA	NA				X		IWD-1200/5200
6460-12	104R201 (C-18)	3	CS	12	0.375	NA	NA	NA				X		IWD-1200/5200
6480-12	104R201 (J-17)	3	CS	12	0.375	NA	NA	NA				X		IWD-1200/5200
6474-10	104R201 (E-16)	3	CS	10	0.365	NA	NA	NA				X		IWD-1200/5200
6475-10	104R201 (H-16)	3	CS	10	0.365	NA	NA	NA				X		IWD-1200/5200
60														



## INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

## SERVICE WATER

LINE OR COMPONENT	P&ID AND COORDI- NATES	CLASS	MATERIAL	SIZE	THICK- NESS	SECTION XI CATEGORY	ITEM NUMBER	NUMBER OF ITEMS	METHOD OF INSPECTION				RELIEF REQUEST	REMARKS
									VIS	SUR	VOL	HYD		
00	01	02	03	04	05	06	07	08	09	10	11	12	13	14
6476-10	104R201 (E-15)	3	CS	10	0.365	NA	NA	NA				X		IWD-1200/5200
6477-10	104R201 (H-15)	3	CS	10	0.365	NA	NA	NA				X		IWD-1200/5200
6478-10	104R201 (E-13)	3	CS	10	0.365	NA	NA	NA				X		IWD-1200/5200
6479-10	104R201 (H-13)	3	CS	10	0.365	NA	NA	NA				X		IWD-1200/5200
6406-8	104R201 (B-42)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6409-8	104R201 (C-40)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6420-8	104R201 (C-36)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
								61						





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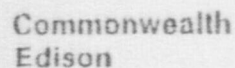
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SERVICE WATER

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6438-8	104R201 (G-41)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6439-8	104R201 (G-40)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6403-6	104R201 (B-16)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6444-6	104R201 (C-30)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6445-6	104R201 (E-30)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6446-6	104R201 (E-29)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6052-6	104R201 (C-10)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
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SERVICE WATER

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6453-6	104R201 (D-11)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6454-6	104R201 (D-10)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6403-4	104R201 (B-10)	3	CS	4	0.237	NA	NA	NA				X		IWD-1200/5200
6441-4	104R201 (B-32)	3	CS	4	0.237	NA	NA	NA				X		IWD-1200/5200
6403-3	104R201 (C-7)	3	CS	3	0.216	NA	NA	NA				X		IWD-1200/5200
6407-3	104R201 (C-33)	3	CS	3	0.216	NA	NA	NA				X		IWD-1200/5200
6483-3	104R201 (C-34)	3	CS	3	0.216	NA	NA	NA				X		IWD-1200/5200



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SERVICE WATER

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6403-2	104R201 (C-3)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6408-2	104R201 (C-31)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6486-2	104R201 (E-7)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6492-2	104R201 (E-8)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6489-1 1/2	104R201 (E-6)	3	CS	1.5	0.145	NA	NA	NA				X		IWD-1200/5200
6413-1	104R201 (C-39)	3	CS	1	0.133	NA	NA	NA				X		IWD-1200/5200
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COOLING WATER SYSTEM

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6638-10	104R202 (K-10)	3	CS	10	0.365	NA	NA	NA				X		IWD-1200/5200
6674-10	104R202 (D-8)	3	CS	10	0.365	NA	NA	NA				X		IWD-1200/5200
6675-10	104R202 (C-8)	3	CS	10	0.365	NA	NA	NA				X		IWD-1200/5200
6676-10	104R202 (C-9)	3	CS	10	0.365	NA	NA	NA				X		IWD-1200/5200
6630-8	104R202 (B-13)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6631-8	104R202 (K-11)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6667-8	104R202 (G-8)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
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COOLING WATER SYSTEM

LINE OR COMPONENT 00	P & I D AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6668-8	104R202 (F-8)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6669-8	104R202 (G-9)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6670-8	104R202 (F-9)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6671-8	104R202 (G-10)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6672-8	104R202 (F-10)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6678-8	104R202 (B-10)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6679-8	104R202 (C-10)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
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COOLING WATER SYSTEM

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6647-6	104R202 (C-15)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6652-6	104R202 (K-15)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6653-6	104R202 (C-16)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6662-6	104R202 (K-15)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6663-6	104R202 (E-15)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6664-6	104R202 (J-15)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6665-6	104R202 (E-16)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
67														





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COOLING WATER SYSTEM

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6666-6	104R202 (J-16)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6673-6	104R202 (H-7)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
3201-3	104R202 (D-12)	3	CS	3	0.216	NA	NA	NA				X		IWD-1200/5200
6654-3	104R202 (D-20)	3	CS	3	0.216	NA	NA	NA				X		IWD-1200/5200
6655-3	104R202 (J-22)	3	CS	3	0.216	NA	NA	NA				X		IWD-1200/5200
6658-3	104R202 (B-20)	3	CS	3	0.216	NA	NA	NA				X		IWD-1200/5200
6659-3	104R202 (K-19)	3	CS	3	0.216	NA	NA	NA				X		IWD-1200/5200
								68						



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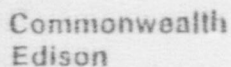
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COOLING WATER SYSTEM

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6691-3	104R202 (K-11)	3	CS	3	0.216	NA	NA	NA				X		IWD-1200/5200
6645-2	104R202 (D-21)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6646-2	104R202 (G-20)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6654-2	104R202 (D-26)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6655-2	104R202 (J-26)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6656-2	104R202 (D-25)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6657-2	104R202 (J-25)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
69														



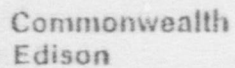
## INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

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## COOLING WATER SYSTEM

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6658-2	104R202 (E-24)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6659-2	104R202 (J-24)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6660-2	104R202 (E-23)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6661-2	104R202 (J-23)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
7112-2	104R202 (B-3)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6641-3/4	104R202 (H-14)	3	CS	.75	0.113	NA	NA	NA				X		IWD-1200/5200
6643-3/4	104R202 (H-13)	3	CS	.75	0.113	NA	NA	NA				X		IWD-1200/5200





## INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

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## COOLING WATER SYSTEM

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6648-3/4	104R202 (E-17)	3	CS	.75	0.113	NA	NA	NA				X		IWD-1200/5200
6649-3/4	104R202 (H-17)	3	CS	.75	0.113	NA	NA	NA				X		IWD-1200/5200
6650-3/4	104R202 (E-18)	3	CS	.75	0.113	NA	NA	NA				X		IWD-1200/5200
6651-3/4	104R202 (H-18)	3	CS	.75	0.113	NA	NA	NA				X		IWD-1200/5200



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WELL WATER

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION X1 CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
7113-6	104R203 (H-15)	2	CS	6	0.280	NA C-F	NA C2-1	NA 5			X	X		IWC-5000
3520-8	104R203 (K-20)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
3929-8	104R203 (K-21)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
8112-8	104R203 (G-21)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
8128-8	104R203 (H-20)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
7102-6	104R203 (H-19)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
7103-6	104R203 (K-19)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
72														



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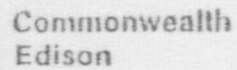
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WELL WATER

LINE OR COMPONENT 00	P & I D AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
7106-6	104R203 (H-17)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
7108-6	104R203 (H-16)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
7110-6	104R203 (L-12)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
7113-6	104R203 (J-13)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
7121-6	104R203 (E-22)	3	CS	6	0.280	NA	NA	NA	X					IWD-1200/5200(c)
7104-4	104R203 (H-17)	3	CS	4	0.237	NA	NA	NA				X		IWD-1200/5200
7105-4	104R203 (J-17)	3	CS	4	0.237	NA	NA	NA				X		IWD-1200/5200
73														





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WELL WATER

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
7107-4	104R203 (H-12)	3	CS	4	0.237	NA	NA	NA				X		IWD-1200/5200
7121-4	104R203 (E-22)	3	CS	4	0.237	NA	NA	NA	X					IWD-1200/5200 (c)
8120-4	104R203 (E-21)	3	CS	4	0.237	NA	NA	NA				X		IWD-1200/5200
7114-4	104R203 (L-6)	3	CS	4	0.237	NA	NA	NA				X		IWD-1200/5200
7136-3	104R203 (K-12)	3	CS	3	0.216	NA	NA	NA				X		IWC-1200/5200
8132-2 1/2	104R203 (K-20)	3	CS	2.5	0.203	NA	NA	NA				X		IWC-1200/5200
7112-2	104R203 (L-13)	3	CS	2	0.154	NA	NA	NA				X		IWC-1200/5200



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WELL WATER

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
7109-2	104R203 (L-10)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
7134-2	104R203 (L-15)	3	CS	2	0.154	NA	NA	NA				X		IWC-1200/5200
7137-2	104R203 (J-11)	3	CS	2	0.154	NA	NA	NA				X		IWC-1200/5200
7138-2	104R203 (L-11)	3	CS	2	0.154	NA	NA	NA				X		IWC-1200/5200
7139-2	104R203 (L-10)	3	CS	2	0.154	NA	NA	NA				X		IWC-1200/5200
8116-2	104R203 (D-20)	3	CS	2	0.154	NA	NA	NA	X					IWD-1200/5200 (c)
8133-1 1/2	104R203 (K-17)	3	CS	1.5	0.145	NA	NA	NA				X		IWD-1200/5200
75														



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WELL WATER

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
3566-1	104R203 (K-18)	3	CS	1	0.133	NA	NA	NA				X		IWD-1200/5200
7111-1	104R203 (L-15)	3	CS	1	0.133	NA	NA	NA				X		IWD-1200/5200
7125-1	104R203 (L-6)	3	CS	1	0.133	NA	NA	NA				X		IWD-1200/5200
7126-1	104R203 (L-5)	3	CS	1	0.133	NA	NA	NA				X		IWD-1200/5200
7132-1	104R203 (L-9)	3	CS	1	0.133	NA	NA	NA				X		IWD-1200/5200
7133-1	104R203 (L-16)	3	CS	1	0.133	NA	NA	NA				X		IWD-1200/5200
76														





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RADIOACTIVE WASTE

LINE OR COMPONENT 00	P & I D AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
4410-4	104R204 (B-65)	2	CS	4	0.237	NA	NA	NA				X		IWC-1220 (d) /2510
4415-4	104R204 (D-57)	2	CS	4	0.237	NA	NA	NA				X		IWC-1220 (d) /2510
4414-2	104R204 (D-58)	2	CS	2	0.218	NA	NA	NA				X		IWC-1220 (d) /2510
5604-2	104R204 (D-57)	2	SS	2	0.218	NA	NA	NA				X		IWC-1220 (d) /2510
5639-2	104R204 (D-57)	2	SS	2	0.218	NA	NA	NA				X		IWC-1220 (d) /2510
77														



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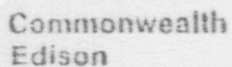
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FUEL TRANSFER TUBE

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
Fuel Transfer Tube	104R204 (F-61)	2	SS	24 8 4 2	0.500 0.500 0.337 0.218	NA NA NA NA	NA NA NA NA	NA NA NA NA				X X X X		IWC-1220 (a) /2510 IWC-1220 (a) /2510 IWC-1220 (a), (d) /2510 IWC-1220 (a), (d) /2510
								78						





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## RADIOACTIVE WASTE

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6906-8	104R204 (H-60)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6903-6	104R204 (K-59)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6904-6	104R204 (J-60)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6905-6	104R204 (J-56)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6906-6	104R204 (J-59)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6907-6	104R204 (H-59)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6908-6	104R204 (K-58)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200





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RADIOACTIVE WASTE

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6909-6	104R204 (J-58)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6910-6	104R204 (H-56)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6936-6	104R204 (H-57)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
7110-6	104R204 (B-61)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
4429-4	104R204 (H-55)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
7127-4	104R204 (K-55)	3	CS	4	0.237	NA	NA	NA				X		IWD-1200/5200
6901-3	104R204 (J-59)	3	CS	3	0.216	NA	NA	NA				X		IWD-1200/5200
80														



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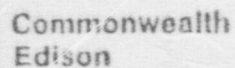
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RADIOACTIVE WASTE

LINE OR COMPONENT 02	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6902-3	104R204 (J-59)	3	CS	3	0.216	NA	NA	NA				X		IWD-1200/5200
6027-2	104R204 (K-52)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6935-2	104R204 (H-60)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
7138-2	104R204 (B-65)	3	CS	2	0.154	NA	NA	NA						IWD-1200/5200
7139-2	104R204 (B-72)	3	CS	2	0.154	NA	NA	NA						IWD-1200/5200
7125-1	104R204 (K-55)	3	CS	1	0.133	NA	NA	NA				X		IWD-1200/5200
7132-1	104R204 (C-68)	3	CS	1	0.133	NA	NA	NA				X		IWD-1200/5200
81														



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## FIRE SYSTEM

LINE OR COMPONENT	P & ID AND COORDI- NATES	CLASS	MATERIAL	SIZE	THICK- NESS	SECTION XI CATEGORY	ITEM NUMBER	NUMBER OF ITEMS	METHOD OF INSPECTION				RELIEF REQUEST	REMARKS
									VIS 09	SUR 10	VOL 11	HYD 12		
00	01	02	03	04	05	06	07	08	09	10	11	12	13	14
6038-4	104R205 (E-18)	2	CS	4	0.237	NA	NA	NA						IWC-1220 (d) /5220 (d)
6039-4	104R205 (E-18)	2	CS	4	0.237	NA	NA	NA						IWC-1220 (d) /5220 (d)
6040-4	104R205 (E-18)	2	CS	4	0.237	NA	NA	NA						IWC-1220 (d) /5220 (d)
6041-4	104R205 (E-17)	2	CS	4	0.237	NA	NA	NA						IWC-1220 (d) /5220 (d)
6042-4	104R205 (E-17)	2	CS	4	0.237	NA	NA	NA						IWC-1220 (d) /5220 (d)
6043-4	104R205 (E-16)	2	CS	4	0.237	NA	NA	NA						IWC-1220 (d) /5220 (d)
6044-6	104R205 (G-18)	2	CS	6	0.280	NA C-G	NA C2.1	NA 2			X			IWC-5220 (d)
								82						





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FIRE SYSTEM

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6045-6	104R205 (G-18)	2	CS	6	0.280	NA C-G	NA C2.1	NA 2			X			IWC-5220 (d)
6046-6	104R205 (G-18)	2	CS	6	0.280	NA C-G	NA C2.1	NA 2						IWC-5220 (d)
6047-6	104R205 (G-17)	2	CS	6	0.280	NA C-G	NA C2.1	NA 2			X			IWC-5200 (d)
6048-6	104R205 (G-16)	2	CS	6	0.280	NA C-G	NA C2.1	NA 2			X			IWC-5200 (d)
6049-6	104R205 (G-16)	2	CS	6	0.280	NA C-G	NA C2.1	NA 2			X			IWC-5200 (d)
								83						



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FIRE SYSTEM

LINE OR COMPONENT 00	P & I D AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6050-8	104R205 (J-13)	2	CS	8	0.322	NA	NA	NA						IWC-1220 (a) /5220 (d)
6051-8	104R205 (J-13)	2	CS	8	0.322	NA	NA	NA						IWC-1220 (a) /5220 (d)
6032-6	104R205 (D-13)	2	CS	6	0.280	NA	NA	NA				X		IWC-1220 (a) /2510
6033-6	104R205 (E-13)	2	CS	6	0.280	NA	NA	NA				X		IWC-1220 (a) /2510
6031-6	104R205 (E-12)	2	CS	6	0.280	NA	NA	NA				X		IWC-1220 (a) /2510
6099-3	104R205 (G-14)	2	CS	3	0.216	NA	NA	NA				X		IWC-1220 (a) /2510
6021-6	104R205 (H-14)	2	CS	6	0.280	NA	NA	NA				X		IWC-1220 (a) /2510
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FIRE SYSTEM

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6025-8	104R205 (G-14)	2	CS	8	0.322	NA	NA	NA				X		IWC-1220 (a) /2510
6098-3	104R205 (G-9)	2	CS	3	0.216	NA	NA	NA				X		IWC-1220 (a) /2510
6092-6	104R205 (F-11)	2	CS	6	0.280	NA	NA	NA				X		IWC-1220 (a) /2510
6036-6	104R205 (H-11)	2	CS	6	0.280	NA	NA	NA				X		IWC-1220 (a) /2510
6037-6	104R205 (H-13)	2	CS	6	0.280	NA	NA	NA				X		IWC-1220 (a) /2510
6020-6	104R205 (E-10)	2	CS	6	0.280	NA	NA	NA				X		IWC-1220 (a) /2510
								85						





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FIRE SYSTEM

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6405-8	104R205 (K-14)	2	CS	8	0.322	NA	NA	NA						IWC-1220 (a) /5220 (d)
								86						



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FIRE SYSTEMS

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
2/3-4102-10	104R205	3	CS	10	0.365	NA	NA	NA				X		IWD-1200/5200
6000-8	104R205 (J-68)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6002-8	104R205 (J-68)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6010-8	104R205 (J-66)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6011-8	104R206 (K-67)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6015-8	104R205 (K-49)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6016-8	104R205 (C-9)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
87														



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FIRE SYSTEMS

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6030-8	104R205 (D-10)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
5405-8	104R205 (L-14)	3	CS	8	0.322	NA	NA	NA				X		IWD-1200/5200
6014-6	104R205 (J-62)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6020-1	104R205 (E-10)	3	CS	6	0.280	NA	NA	NA				X		IWD-1200/5200
6018-4	104R205 (G-68)	3	CS	4	0.237	NA	NA	NA				X		IWD-1200/5200
6026-4	104R205 (B-7)	3	CS	4	0.237	NA	NA	NA				X		IWD-1200/5200
6027-4	104R205 (B-8)	3	CS	4	0.237	NA	NA	NA				X		IWD-1200/5200
								88						





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FIRE SYSTEMS

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6028-4	104R205 (C-67)	2	CS	4	0.237	NA	NA	NA				X		IWD-1200/5200
6029-4	104R205 (C-65)	3	CS	4	0.237	NA	NA	NA				X		IWD-1200/5200
6052-4	104R205 (D-61)	3	CS	4	0.237	NA	NA	NA				X		IWD-1200/5200
6001-2	104R205 (G-71)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6013-2	104R205 (C-64)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6022-2	104R205 (J-73)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6023-2	104R205 (H-73)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
89														



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FIRE SYSTEMS

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6034-2	104R205 (K-72)	3	CS	2	0.154	NA	NA	NA	X					IWD-1200/5200(c)
6053-2	104R205 (L-61)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6055-2	104R205 (L-60)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6057-2	104R205 (L-54)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6067-2	104R205 (L-50)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6083-2	104R205 (D-31)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6085-2	104R205 (D-29)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
90														



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FIRE SYSTEMS

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6064-2	104R205 (B-51)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6090-2	104R205 (C-24)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6051-1	104R205 (C-24)	3	CS	1	0.133	NA	NA	NA				X		IWD-1200/5200
6073-1	104R205 (D-43)	3	CS	1	0.133	NA	NA	NA				X		IWD-1200/5200
6079-1	104R205 (D-36)	3	CS	1	0.133	NA	NA	NA				X		IWD-1200/5200
6087-1	104R205 (D-20)	3	CS	1	0.133	NA	NA	NA				X		IWD-1200/5200
91														





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LINE OR COMPONENT 00	P & I D AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
6094-2	104R209 (F-24)	3	CS	2	0.154	NA	NA	NA				X		IWD-1200/5200
6095-1	104R209 (F-25)	3	CS	1	0.133	NA	NA	NA				X		IWD-1200/5200
92														



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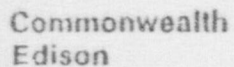
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AIR SYSTEMS

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
7323-2	104R206 (G-72)	2	CS	2	0.154	NA	NA	NA				X		IWC-1220 (d) /2510
6835-2	104R206 (H-35)	2	CS	2	0.154	NA	NA	NA				X		IWC-1220 (d) /2510
93														



## INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

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## PLANT HEATING

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	IR 10	VOL 11	HYD 12		
3201-6	104R207 (C-44)	2	CS	6	0.280	NA	NA	NA				X		IWC-1220 (b) /2510
7091-3	104R207 (F-42)	2	CS	3	0.216	NA	NA	NA				X		IWC-1220 (b) /2510





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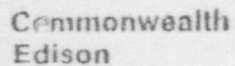
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AIR COND.

LINE OR COMPONENT 00	P&ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
7111-1	104R211 (A-18)	3	CS	1 0	133	NA	NA	NA				X		IWD-1200/5200
7111-3/4	104R211 (A-17)	3	CS	.75 0	113	NA	NA	NA				X		IWD-1200/5200
95														



## INSERVICE INSPECTION PROGRAM FOR CLASS 1, 2 & 3 COMPONENTS

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SSG CHEMICAL FEED

LINE OR COMPONENT 00	P & ID AND COORDI- NATES 01	CLASS 02	MATERIAL 03	SIZE 04	THICK- NESS 05	SECTION XI CATEGORY 06	ITEM NUMBER 07	NUMBER OF ITEMS 08	METHOD OF INSPECTION				RELIEF REQUEST 13	REMARKS 14
									VIS 09	SUR 10	VOL 11	HYD 12		
1805 - 3/4	7368E84 (J-37)	2	CS	.75	0.154	NA	NA	NA				X		IWC - 1220 (d)/2510
1806 - 3/4	7368E84 (J-33)	2	CS	.75	0.154	NA	NA	NA				X		IWC - 1220 (d)/2510
1807 - 3/4	7368E84 (J-21)	2	CS	.75	0.154	NA	NA	NA				X		IWC - 1220 (d)/2510
1808 - 3/4	7368E84 (J-17)	2	CS	.75	0.154	NA	NA	NA				X		IWC - 1220 (d)/2510



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RELIEF REQUEST 01	LINE OR COMPONENT 00	CLASS 02	CATEGORY AND ITEM NUMBER 03	EXEMPTED COMPONENT 04	SECTION XI TEST REQUIREMENT 05	BASIS FOR RELIEF 06	ALTERNATIVE TEST 07
B-1	See Program	1	B-J B4.7	Branch Pipe Connection Welds	Volumetric Surface	These branch pipe connections are constructed with reinforcement saddles. These saddles are fillet welded over the actual branch pipe connection weld. A typical branch pipe connection with a reinforcement saddle is shown in FIG. B-1.A Volumetric examination cannot be done on either the branch pipe connection weld or the two saddle welds. A visual examination will be conducted during the system hydrotest on the two saddle welds.	A visual examination will be conducted on the two saddle welds during the system hydrotest of IWB-5000.





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RELIEF REQUEST NUMBER 01	LINE OR COMPONENT 00	CLASS 02	CATEGORY AND ITEM NUMBER 03	EXEMPTED COMPONENT 04	SECTION XI TEST REQUIREMENT 05	BASIS FOR RELIEF 06	ALTERNATIVE TEST 07
B-2	See Program	1	B-K-1 B4.9	Pipe Hanger	Volumetric	The hanger on line 0307-4 is actually several fins, welded to the pipe, which extend outward in a wall penetration. These fins act to anchor the pipe within the concrete wall. An ultrasonic examination of these fins to pipe welds would be extremely difficult if not impossible. However, from available details (line inaccessible during operation) it appears that an acceptable dye penetrant examination may be possible. If this is acceptable, the program will be revised to include this examination.	Surface exam if possible



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RELIEF REQUEST 01	LINE OR COMPONENT 00	CLASS 02	CATEGORY AND ITEM NUMBER 03	EXEMPTED COMPONENT 04	SECTION XI TEST REQUIREMENT 05	BASIS FOR RELIEF 06	ALTERNATIVE TEST 07
C-1	Reactor Vessel	1	B-A	Longitudinal and circumferential welds in core beltline region	Volumetric	The accessibility and inspectability of the longitudinal and circumferential welds will be determined after the chemical cleaning. At that time, the type of inspection or alternate means of inspection will be determined and the enclosed program will be revised. Currently, inspection by remote ultrasonics and or acoustic emission is being investigated.	Will be determined after chemical cleaning.



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RELIEF REQUEST 01	LINE OR COMPONENT 00	CLASS 02	CATEGORY AND ITEM NUMBER 03	EXEMPTED COMPONENT 04	SECTION XI TEST REQUIREMENT 05	BASIS FOR RELIEF 06	ALTERNATIVE TEST 07
C-2	Reactor Vessel	1	B-B Bl.2	Longitudinal and circumferential welds in vessel shell	Volumetric	The accessibility and inspectability of the longitudinal and circumferential vessel shell welds will be determined after the chemical cleaning. At that time, the type of inspection or alternative means of inspection will be determined and the attached program will be revised. If the special inspection techniques being considered for inspection of the beltline region welds proves successful, these techniques will be attempted on the vessel shell welds.	Will be determined after chemical cleaning.
				Meridional and circumferential bottom head welds	Volumetric	The accessibility and inspectability of the meridional and circumferential bottom head welds will be determined after the chemical cleaning.	Will be determined after chemical cleaning.
				Top Head Welds	Volumetric	The accessibility of the bottom head welds is not known at this time due to the uncertainty of the bottom head insulation configuration. Sufficient information on the insulation is not available.  No exemptions are required for the top head welds.	
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RELIEF REQUEST 01	LINE OR COMPONENT 00	CLASS 02	CATEGORY S AND ITEM NUMBER 03	EXEMPTED COMPONENT 04	SECTION XI TEST REQUIREMENT 05	BASIS FOR RELIEF 06	ALTERNATIVE TEST 07
C-3	Reactor Vessel	1	B-C B1.3	Vessel-to-Flange Weld	Volumetric	<p>Inspection of the vessel-to-flange weld can only be performed from the flange surface at this time. Therefore, due to stud bolt holes in the flange surface, only the areas between the stud holes can be examined.</p> <p>I-2310 requires ultrasonic inspection with a straight beam (<math>0^\circ</math>) and two angle beams (<math>45^\circ</math>, <math>60^\circ</math>). Inspection with a straight beam (<math>0^\circ</math>) only from the flange surface provides for a more sensitive exam than angle beam inspection from the vessel wall. This is in accordance with IWA-2240.</p>	Straight beam examination only.

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RELIEF REQUEST 01	LINE OR COMPONENT 00	CLASS 02	CATEGORY AND ITEM NUMBER 03	EXEMPTED COMPONENT 04	SECTION XI TEST REQUIREMENT 05	BASIS FOR RELIEF 06	ALTERNATIVE TEST 07
C-4 (Continued)				1-18" Core Spray	Volumetric (Inner Radiused Section).	A surface exam of the inner radiused section will be performed in lieu of a volumetric exam because if cracks were to form, they would initiate from the inside surface. Therefore, the surface exam is considered superior to the volumetric exam (IWA-2240).	Surface

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RELIEF REQUEST 01	LINE OR COMPONENT 00	CLASS 02	CATEGORY AND ITEM NUMBER 03	EXEMPTED COMPONENT 04	SECTION XI TEST REQUIREMENT 05	BASIS FOR RELIEF 06	ALTERNATIVE TEST 07
C-5	Reactor Vessel	1	B-F B1.6	Nozzle-to-safe end welds:  4-22" Recirc. Inlet 12-16" Outlets 2-10" Unloaders 4-10" Capped Instrument 1-4" Poison  Dissimilar Nozzle Welds:  5-2" Instr.	Volumetric Surface	Due to high radiation fields the inspectability of these safe end welds will be determined after the chemical cleaning. At that time, the method of inspection or alter- native test method will be determined and the attached inservice inspection program will be revised.  Same as for above Nozzle-to-Safe End Welds	Will be deter- mined after chemical cleaning.

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RELIEF REQUEST 01	LINE OR COMPONENT 00	CLASS 02	CATEGORY AND ITEM NUMBER 03	EXEMPTED COMPONENT 04	SECTION XI TEST REQUIREMENT 05	BASIS FOR RELIEF 06	ALTERNATIVE TEST 07
C-5	Reactor Closure Head	1	B-F	Dissimilar Nozzle Welds:  9-2"	Volumetric, Surface	The nozzle configuration does not provide for a meaningful volumetric exam. A surface exam from the outside surface will provide an adequate test of weld integrity. (Refer to Fig. C-4G).	Surface

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RELIEF REQUEST 01	LINE OR COMPONENT 00	CLASS 02	CATEGORY AND ITEM NUMBER 03	EXEMPTED COMPONENT 04	SECTION XI TEST REQUIREMENT 05	BASIS FOR RELIEF 06	ALTERNATIVE TEST 07
C-6	Reactor Vessel	1	B-G-1 BJ 8	56 Vessel Closure Nuts	Volumetric, Surface	On closure nuts, should cracks form, they would initiate from the outside surface. Therefore, a surface exam is adequate to ensure integrity.	Surface
C-7	Reactor Vessel	1	B-H	24-Bottom Vessel Supports 4-Top Vessel Supports	Volumetric	<p>The spacing between each bottom support pad will not allow an angle beam exam of the base metal beneath the support weld (see Fig. #C-7).</p> <p>Should cracks form, they will initiate from the surface on welded support attachments, therefore, a surface exam would be superior to a volumetric exam (IWA-2240).</p>	Surface





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RELIEF REQUEST NUMBER 01	LINE OR COMPONENT 00	CLASS 02	CATEGORY AND ITEM NUMBER 03	EXEMPTED COMPONENT 04	SECTION XI TEST REQUIREMENT 05	BASIS FOR RELIEF 06	ALTERNATIVE TEST 07
C-8	Steam Drum	1	B-D	2-10" Feedwater	Volumetric	Presently it is not possible to obtain a meaningful UT exam of the inside radiused section of these nozzles due to the nozzle geometry. Under consideration at this time is the possibility of using a mockup calibration standard that adequately represents these nozzles. A design and feasibility study is now being conducted; should the mockup prove feasible, it will be used in examining the nozzle inner radiused sections. However, its capability of providing a meaningful exam cannot be determined until the actual examination is performed. See Fig. C-8.	Will be determined after the chemical cleaning.

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RELIEF REQUEST 01	LINE OR COMPONENT 00	CLASS 02	CATEGORY AND ITEM NUMBER 03	EXEMPTED COMPONENT 04	SECTION XI TEST REQUIREMENT 05	BASIS FOR RELIEF 06	ALTERNATIVE TEST 07
C-8	Steam Drum	1	B-D	2-6" Condensate Return	Volumetric (Inside Radiused Section)	Due to the nozzle geometry and con- figuration, it is not possible to exam the inner radiused section of these nozzles. See Fig. C-8.	Surface
				2-16" Manways	Volumetric (Inside Radiused Section)	Present plans are to remove the man- way covers thus gaining access to the nozzle inner radiused section. A surface exam will be performed in lieu of volumetric examination. Should cracks form, they would initiate from the I.D. surface, therefore, a surface exam is superior to the volumetric exam. (IWA-2240).	

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RELIEF REQUEST 01	LINE OR COMPONENT 00	CLASS 02	CATEGORY AND ITEM NUMBER 03	EXEMPTED COMPONENT 04	SECTION XI TEST REQUIREMENT 05	BASIS FOR RELIEF 06	ALTERNATIVE TEST 07
C-9	Steam Drum	1	B-F	Nozzle-to-Safe End Welds on the following:  12-16" Risers 10-16" Downcomers 2-8" Iso. Cond. 2-6" Iso. Cond. 2-10" Feed-water	Volumetric, Surface	Stand-Off insulation collars prohibit examination of the weld. (for further explanation refer to M. S. Turbak's Letter to D. L. Ziemann, June 9, 1978, response #10).  Code inspection requirements will be met on the 10-6" Safety Valve Nozzle-to-Safe End Welds.	Will be determined after checking cleaning.





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RELIEF REQUEST 01	LINE OR COMPONENT 00	CLASS 02	CATEGORY AND ITEM NUMBER 03	EXEMPTED COMPONENT 04	SECTION XI TEST REQUIREMENT 05	BASIS FOR RELIEF 06	ALTERNATIVE TEST 07
C-10	Steam Drum	1	B-H B3.7	Welded Supports	Volumetric	<p>The vessel supports are fillet welded to the vessel. A meaningful volumetric exam of these welds is not possible.</p> <p>A surface exam would be more satisfactory since the cracks in fillet welded supports would initiate from the O.D. surface. (IWA-2240).</p>	Surface



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RELIEF REQUEST 01	LINE OR COMPONENT 00	CLASS 02	CATEGORY AND ITEM NUMBER 03	EXEMPTED COMPONENT 04	SECTION XI TEST REQUIREMENT 05	BASIS FOR RELIEF 06	ALTERNATIVE TEST 07
C-11	Secondary Steam Generators	1	B-F B3.3	Nozzle-to-Safe End Welds: 1-22" Recirc. Inlet 1-18" Recirc. Outlet	Volumetric, Surface	Stand off insulation collars prohibit examination of these welds. Refer to M. S. Turbak's letter to D. L. Ziemann, June 9, 1978, response #10.	Will be determined after chemical cleaning.
					///		



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RELIEF REQUEST 01	LINE OR COMPONENT 00	CLASS 02	CATEGORY S AND ITEM NUMBER 03	EXEMPTED COMPONENT 04	SECTION XI TEST REQUIREMENT 05	BASIS FOR RELIEF 06	ALTERNATIVE TEST 07
C-12	Unloading Heat Exchanger Pumps (2)	2	C-E-1 C3.3 C-E-2 C3.4	Welded Supports	Surface	Information concerning pump supports not available. The pumps are in a high radiation field making it impossible to make a field check of the supports. After the chemical cleaning, the pump supports will be verified and, if possible, the code requirements will be met. If code requirements cannot be met, a relief request or alternative exam will be submitted for approval.	Will be determined after the chemical cleaning.

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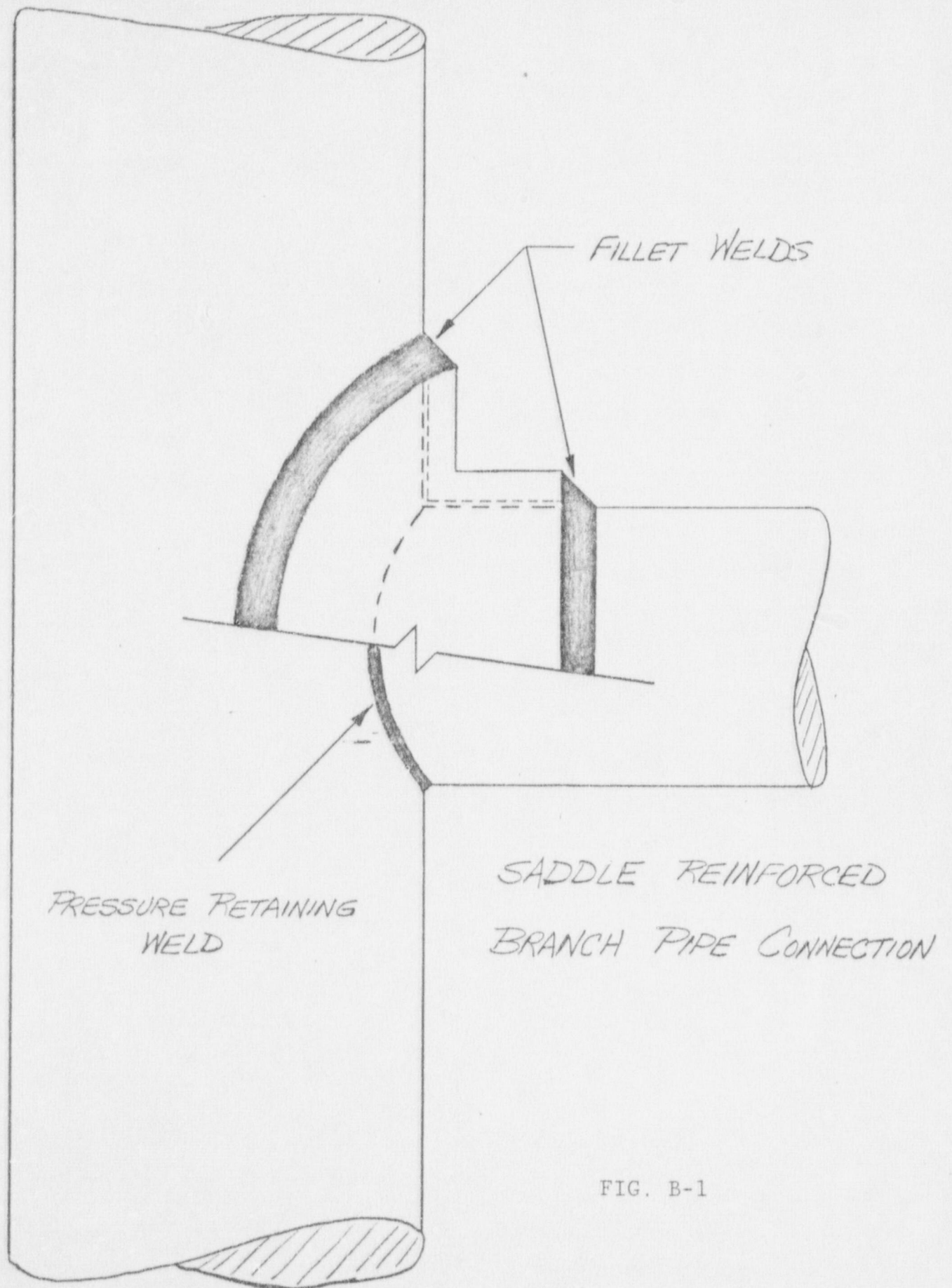


FIG. B-1

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STAINLESS STEEL

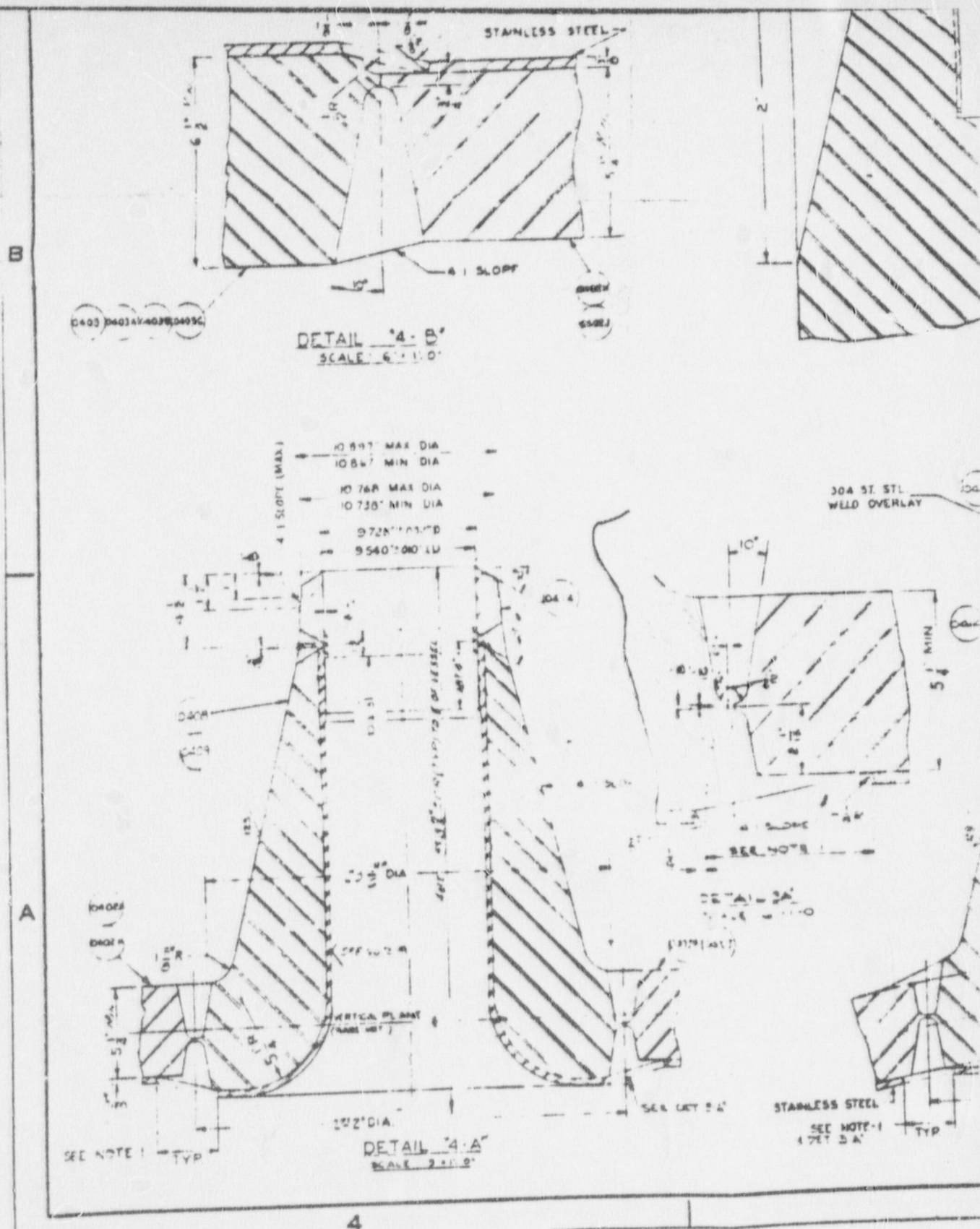


FIG. C-4B - 10" INSTR.  
10" UNLOADERS



STEP-1 CUT HOLE IN BASE METAL FOR BLUG  
WELDING. ROUND OFF ALL SHARP EDGES.  
STEP-2 PLUG WELD HOLE COMPLETELY IN BASE  
METAL WITH STAINLESS STEEL.  
STEP-3 DRILL PILOT HOLE MARKED 'A' IN  
STAINLESS STEEL PLUG WELD INCLUDING THRU UP BOSS.  
STEP-4 INSERT FINISHED-WORNED NOZZLE (WITH  
PILOT HOLE MARKED 'B' DRILED) IN PILOT HOLE  
'A' AND COMPLETELY WELD.  
STEP-5 DRILL HOLE MARKED 'C' THRU NOZZLE  
AND STAINLESS STEEL PLUG WELD.

- 1 - FOR GENERAL NOTES, E
- 2 - FOR BILL OF MATERIAL
- 3 - WELD BEHIND OR IN ALL  
ACCESSIBLE PLACES NOT  
POCKETED
- 4 - ALL WELDS TO BE RADIO  
GRAPHIC 100 % WELDS
- 5 - PLUG HOLE WITH PIPE F.  
HYDROSTATIC TEST.

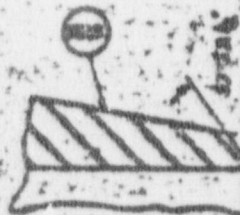
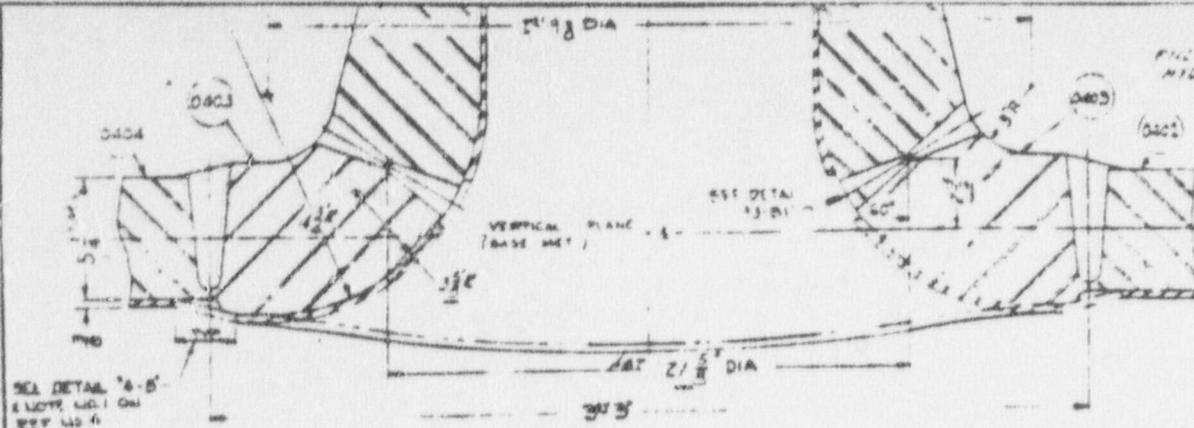


FIG. C-4C - 4" POISON

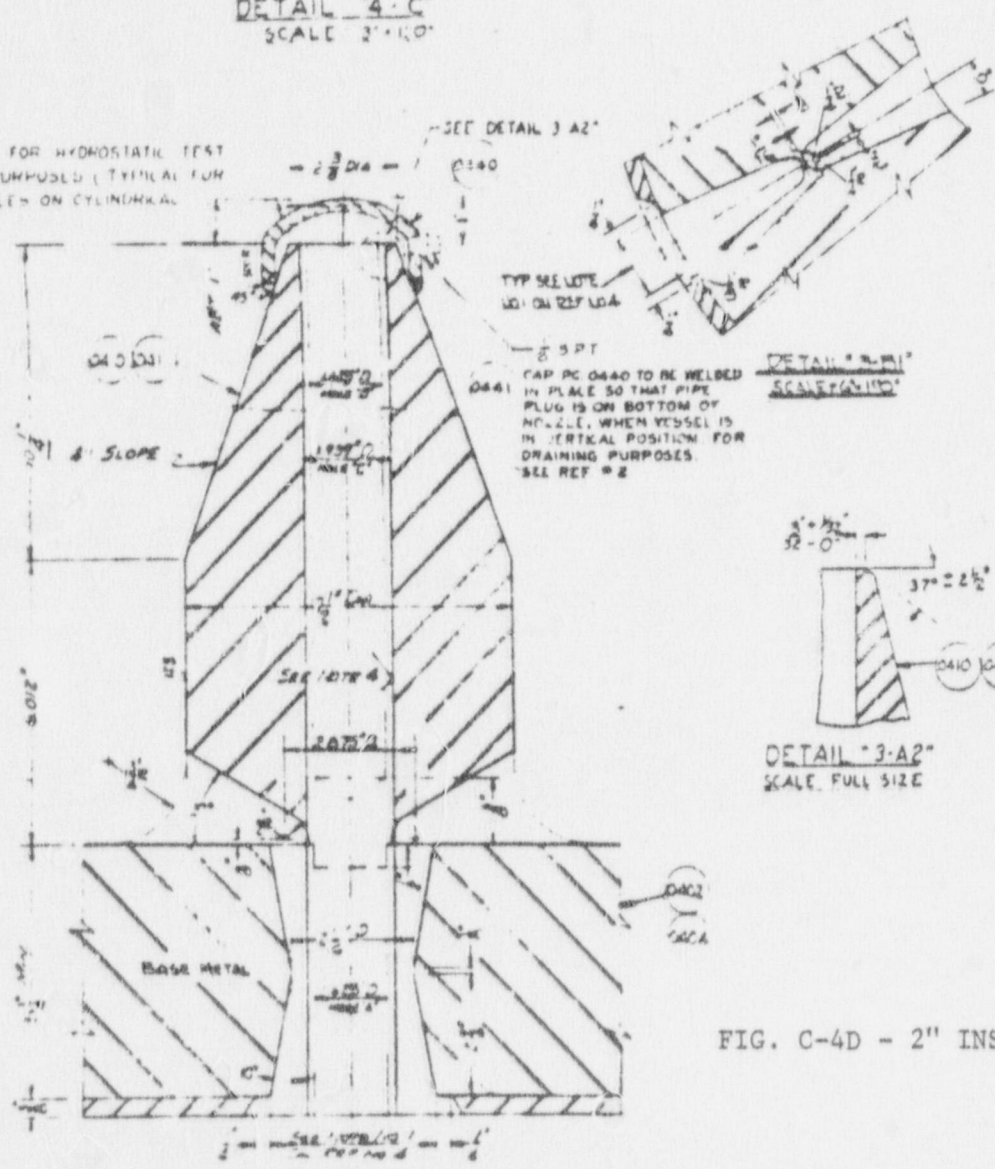
REPLY.



DETAIL 4-B  
SCALE: 3"=1'-0"  
FIG. C-4D INSTR. FOR HYDROSTATIC TEST & SHIPPING  
HORIZONTAL PLANE

DETAIL 4-C  
SCALE 3"=1'-0"

NOZZLE CAPS FOR HYDROSTATIC TEST  
& SHIPPING PURPOSES (TYPICAL FOR  
ALL 2" NOZZLES ON CYLINDRICAL  
SHELL)



DETAIL 4-B  
SCALE: 3"=1'-0"

DETAIL 3-A2  
SCALE: FULL SIZE

FIG. C-4D - 2" INSTR.

- NOTE: THE FOLLOWING STEPS ARE TO BE FOLLOWED IN THE FABRICATION  
OF THE 2" NOZZLE SHOWN ABOVE
- STEP 1 - CUT HOLE IN BASE METAL FOR PLUG WELDING, ROUND OFF 2" SHARP EDGES
  - STEP 2 - PLUG WELD HOLE COMPLETELY IN BASE METAL WITH STAINLESS  
STEEL.
  - STEP 3 - DRILL PILOT HOLE MARKED "A", 1/4" DIA. 1/2" DEEP. THE HOLE
  - STEP 4 - INSERT FINISHED MACHINED NOZZLE (WITH 1/4" DIA. 1/2" DEEP 1/2"  
DRILLED) IN PILOT HOLE "A" AND COMPLETELY WELD
  - STEP 5 - DRILL HOLE MARKED "B" THRU NOZZLE AND STAINLESS STEEL PLUG WELD



FIG. C-4E - 22" INLET

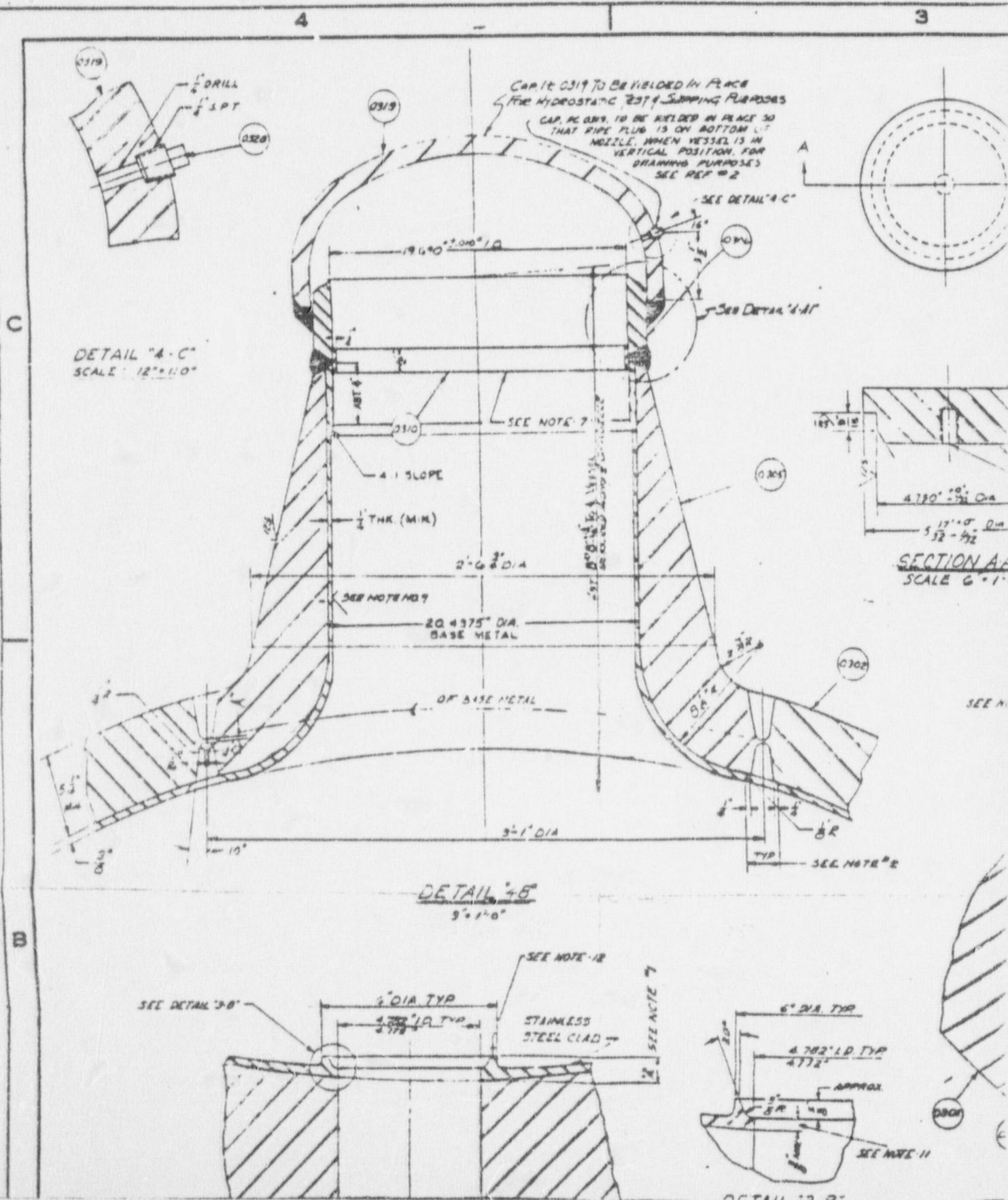
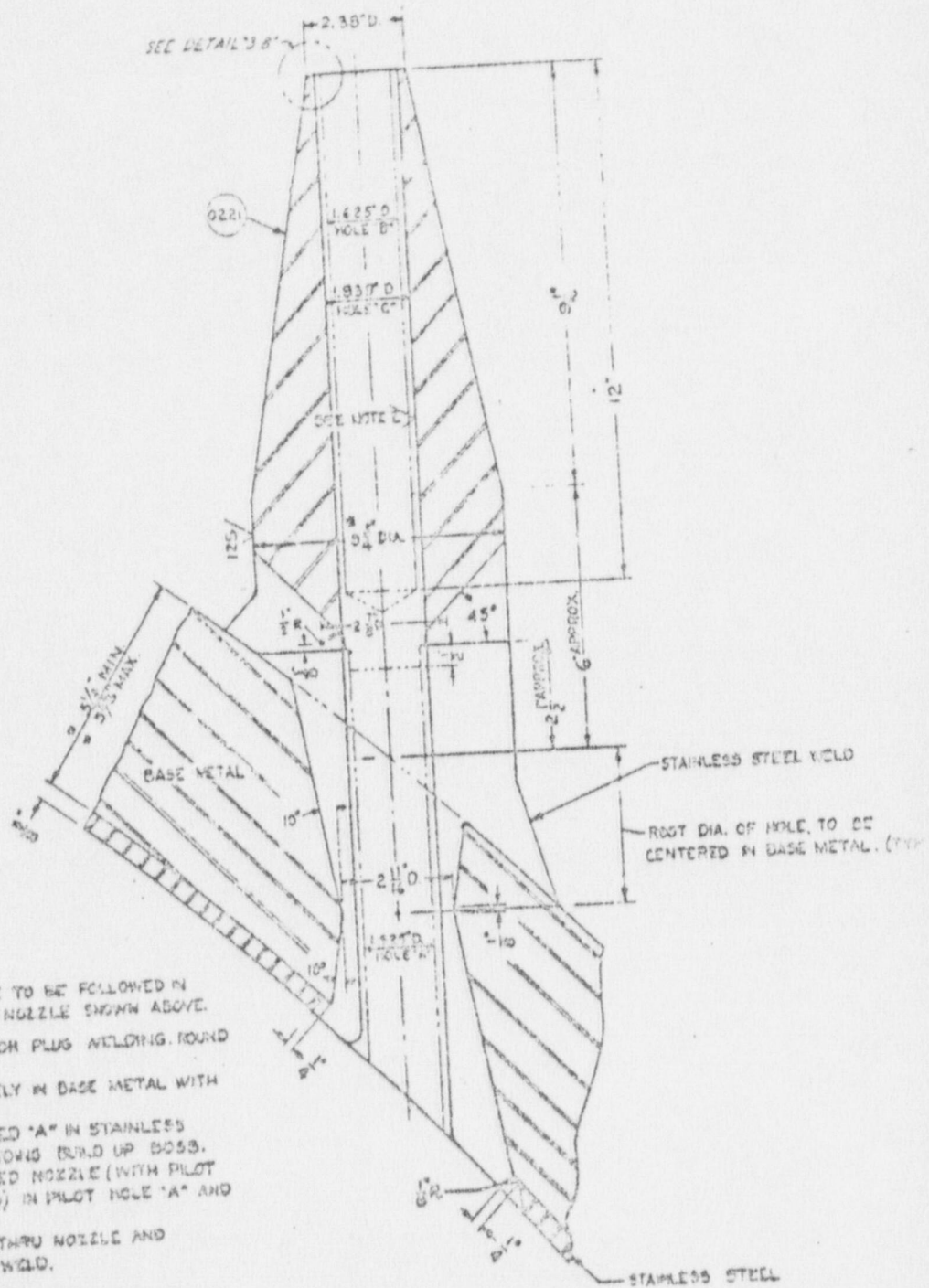
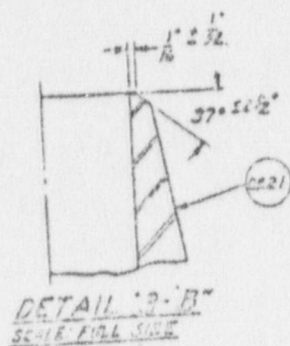




FIG. C-4F - 2" HEAD INSTR.



NOTE: THE FOLLOWING STEPS ARE TO BE FOLLOWED IN THE FABRICATION OF THE 2" NOZZLE SHOWN ABOVE.

STEP-1 CUT HOLE IN BASE METAL FOR PLUG WELDING. ROUND OFF ALL SHARP EDGES.

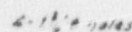
STEP-2 PLUG WELD HOLE COMPLETELY IN BASE METAL WITH STAINLESS STEEL.

STEP-3 DRILL PILOT HOLE MARKED "A" IN STAINLESS STEEL PLUG WELD INCLUDING BUILD UP BOSS.

STEP-4 INSERT FINISHED MACHINED NOZZLE (WITH PILOT HOLE MARKED "B" DRILLED) IN PILOT HOLE "A" AND COMPLETELY WELD.

STEP-5 DRILL HOLE MARKED "C" THRU NOZZLE AND STAINLESS STEEL PLUG WELD.

TAIL: 2" (TYPICAL FOR ALL 2" NOZZLES)  
SCALE: 1"=116"

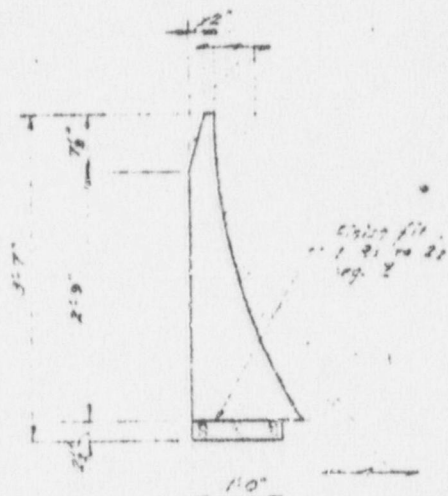
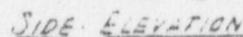


Page 63 n. - Base 4' v.

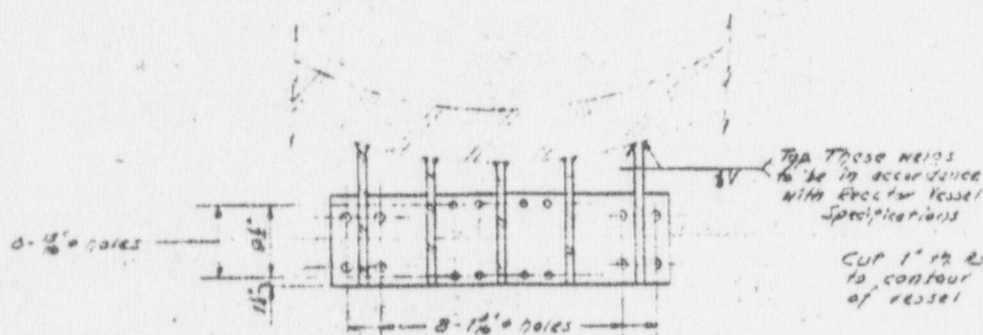
2 Reg. 1. 21 10000  
2 Reg. 1. 002 7100

CLAMPING (2 SEAT) DEVICE - 1<sup>st</sup> REF'D  
3 Rows with base & 1" & 2" & 4" with base 2 Y"  
Seals 1 1/2" x 1" 0"

1<sup>st</sup> 2<sup>nd</sup> may 26  
47 or 4373 spec



SECTION H-H



Top These weights  
to be in accordance  
with Electric Vessel  
Specifications

Cup 1" x 1/2" to contour of vessel

SECTIONAL PLAN K-K

FIG. C-7 - REACTOR VESSEL SUPPORTS

ELEVATION L-L

SUPPORT BRACKET ON VESSEL - 6 REQ'D.

Scale 1" = 150'

**FOR  
COMMENTS**  
NOT FOR CONSTRUCTION





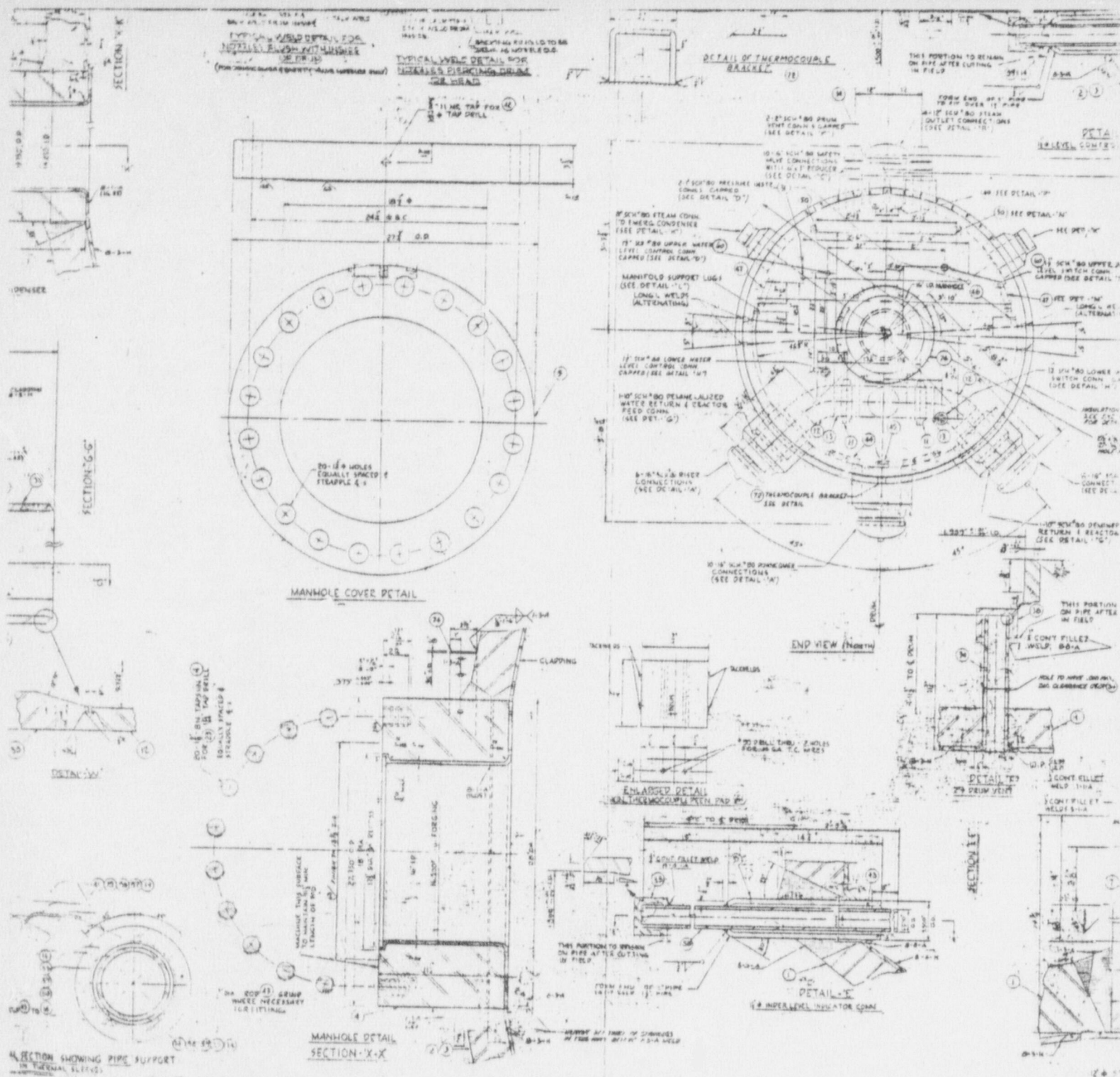


FIG. C-8B STEAM DRUM NOZZLES  
(MANHOLES)

