

List of Revised Pages

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173

Figures

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FORT CALHOUN STATION UNIT 1
40-YEAR INSERVICE EXAMINATION PLAN FOR CLASS 2 COMPONENTS

Rev. July 1980

6-CSS-2001 Containment Spray System (See Appendix B, Figure B-35)

ASME SEC XI ITEM NO	ASME SEC XI CATG	EXAMINATION AREA IDENTIFICATION	EXAM METHOD	INSPECTION INTERVAL										REMARKS	
				OUTAGES											
				0 3 1/3 YEARS		3 1/3 6 2/3 YEARS		6 2/3 10 YEARS		10 YEARS					
				1	2	3	4	5	6	7	8	9			
C2.1	C-F	1 Tee-to-Pipe	UT	1											
C2.1	C-F	2 Pipe-to-Elbow	UT		2										
C2.1	C-F	3 Elbow-to-Pipe	UT		3										
C2.1	C-F	4 Pipe-to-Elbow	UT		4										
C2.1	C-F	5 Elbow-to-Pipe	UT					1							
C2.6	C-E-2	5-PR-1 Pipe Restraint	VT		X										
C2.6	C-E-2	5-PR-2 Pipe Restraint SIS-76	VT					X							
C2.6	C-E-2	5-PR-3 Pipe Restraint SIS-76A	VT									X			
C2.1	C-F	6 Pipe-to-Elbow	UT							2					
2.1	C-F	7 Elbow-to-Pipe	UT							3					
C2.1	C-F	8 Pipe-to-Elbow	UT							4					
C2.1	C-F	9 Elbow-to-Pipe	UT										1		
C2.1	C-F	10 Pipe-to-Tee	UT										2		
C2.1	C-F	11 Tee-to-Pipe	UT										3		
C2.1	C-F	11a Pipe-to-Valve-SI-306	UT										3		
C2.1	C-F	12 Tee-to-Reducer	UT											4	

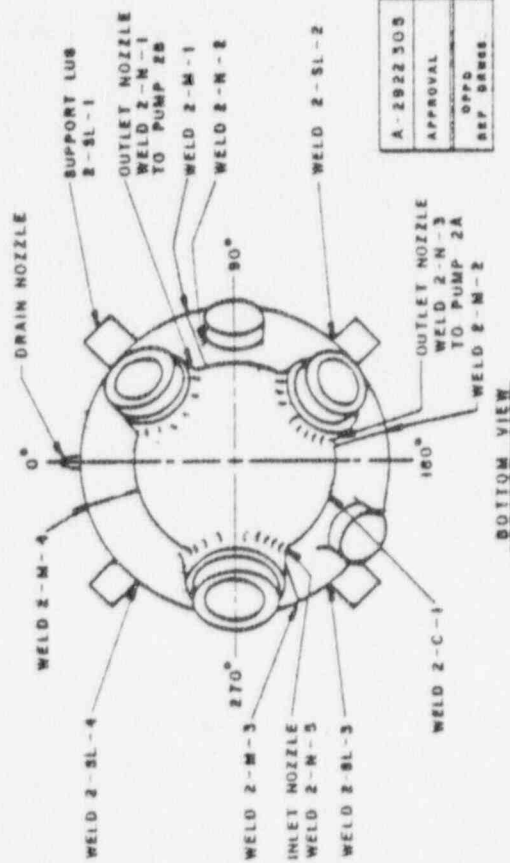
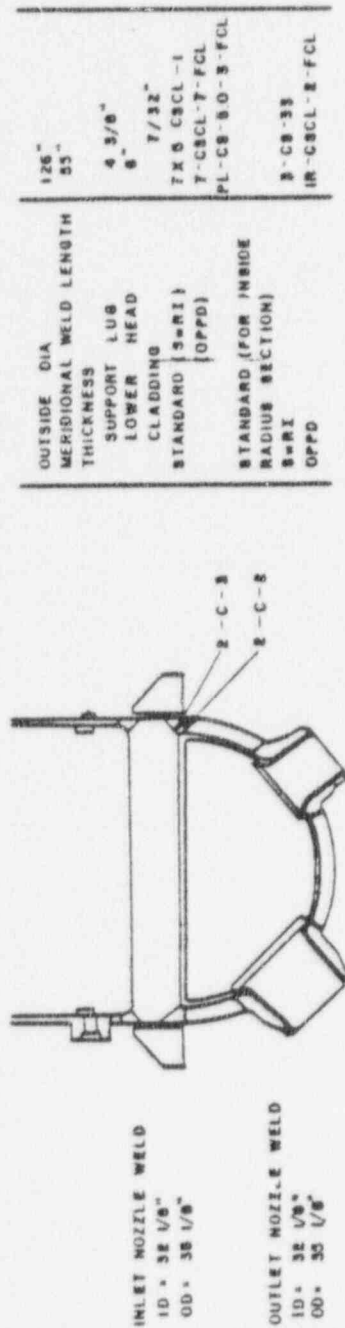
FORT CALHOUN STATION UNIT 1
40-YEAR INSERVICE EXAMINATION PLAN FOR CLASS 2 COMPONENTS

Rev. November 1979

6-CSS-2001 Containment Spray System (Cont'd) (See Appendix B, Figure B-35)

ASME SEC. XI ITEM NO.	ASME SEC. XI CATGY	EXAMINATION AREA IDENTIFICATION	EXAM METHOD	INSPECTION INTERVAL									REMARKS
				OUTAGES									
				0-3 1/3 YEARS	3 1/3	6 2/3 YEARS	6 2/3-10 YEARS	6 2/3-10 YEARS	6 2/3-10 YEARS	6 2/3-10 YEARS	6 2/3-10 YEARS	6 2/3-10 YEARS	
				1	2	3	4	5	6	7	8	9	
C2.1	C-F	13 Valve S1-306-to Pipe	UT		1								
C2.1	C-F	14 Pipe-to-Elbow	UT		2								
C2.1	C-F	15 Elbow-to-Valve S1-184	UT		3								

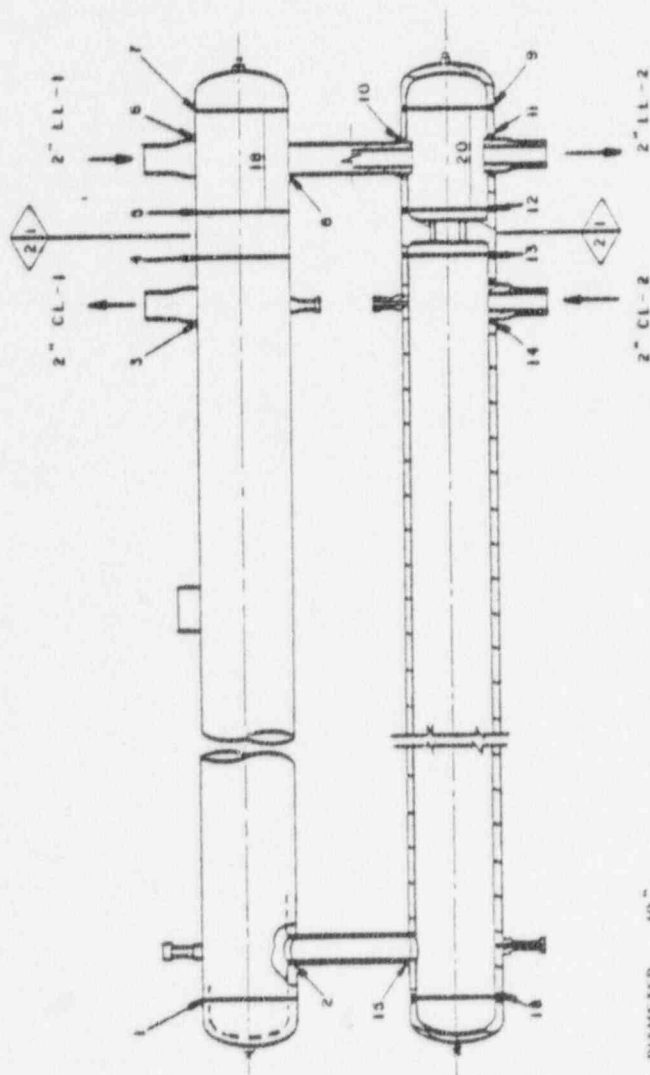
Examine per IE Circular 76-06.



A-2922-303	REV. A	REV. B	REV. C	REV. D
1-18-77	5-28-77	11-18-77	11-28-78	
APPROVAL	[Signature]			
REF. DRESS	E-332-470			
OPP	E-332-505-1			

STEAM GENERATOR N° 2

Figure A-6

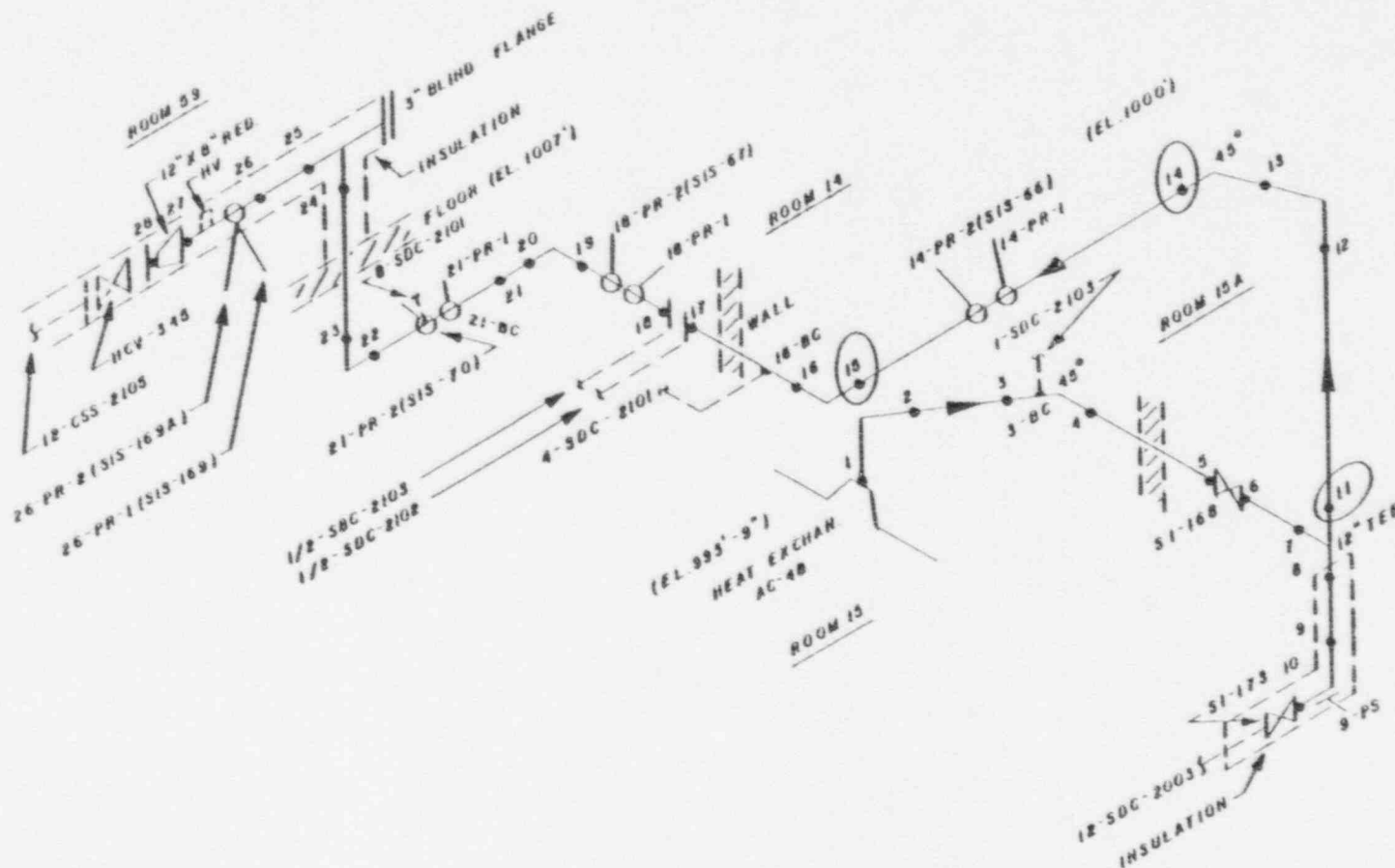


OUTSIDE DIAMETER 10"
THICKNESS 1"
STANDARD (OFFD) B-2922-001

A-2922-306	REV. A	REV. B	REV. C
1-11-37	8-22-78	6-5-80	
APPROVAL	W. H. H. / 17	W. H. H. / 17	W. H. H. / 17
OFFD	D-1688-3		
REF. DIMS.			

REGENERATIVE HEAT EXCHANGER

FIGURE A-7



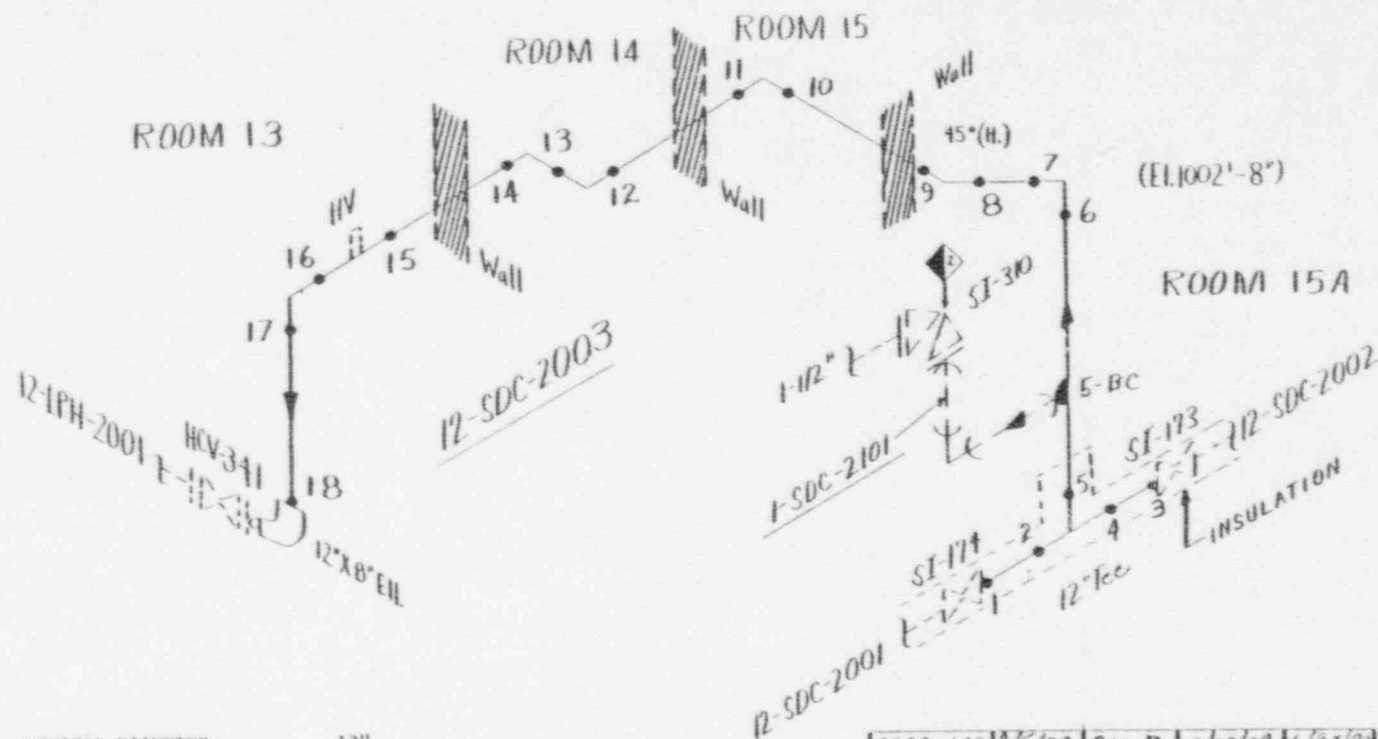
NOMINAL DIAMETER: 12"
 SCHEDULE: 40S
 NOMINAL THICKNESS: 0.375
 STANDARD:
 12-SS-405-375-18-FCL

12-SDC-2002

A-2922 373	7-6-77	713 79		
APPROVAL	<i>[Signature]</i>	<i>[Signature]</i>		
OPPD	PAID	8-23-88	210-150	REV B
REF. DRWS	180	ZONE D-S	IC 193, 194, 204	SHEET 1

FIGURE B-22

B-22a

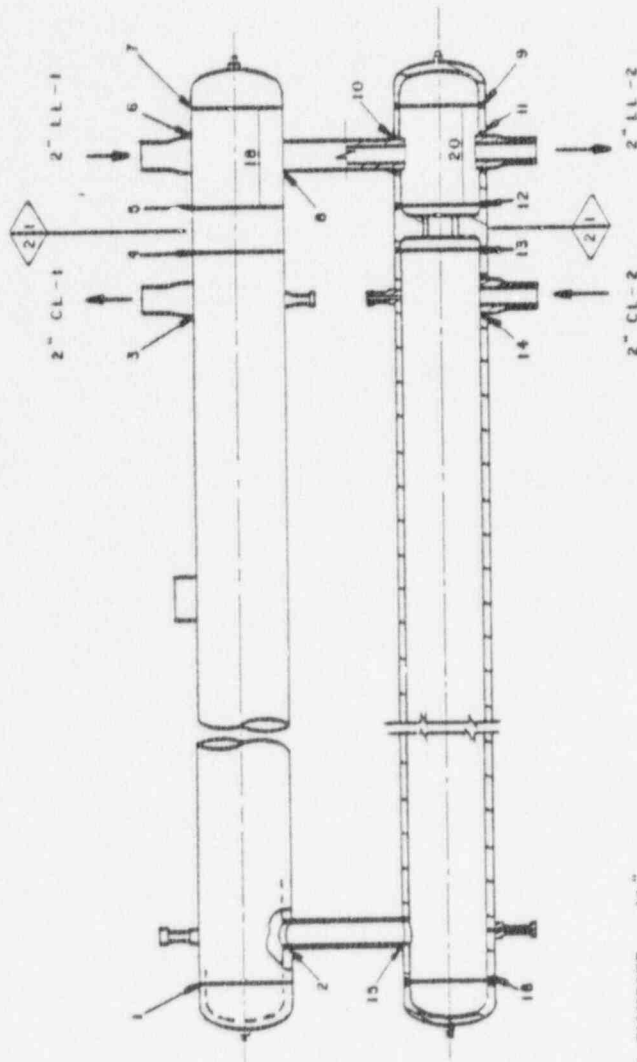


NOMINAL DIAMETER: 12"
 SCHEDULE: STANDARD
 NOMINAL THICKNESS: .375
 STANDARD:
 12-SS-403-.375-18-FCL

12 - SDC - 2003

2922-446	9/5/77	Rev. B	11/27/78	6/27/80
Approval:	CR	CR	CR	CR
OPPD	Dwg: E-23866-210-130, Rev. 9			
Reference	Zone: D-3 Sheet 1			
Drawings	ISO: IC-192, IC-193,			
	WD-4425			

FIGURE B-22a

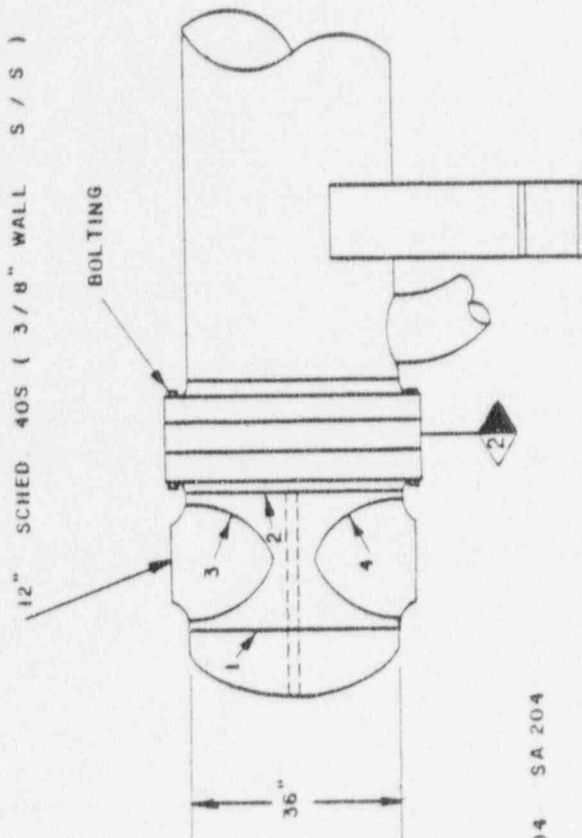


OUTSIDE DIAMETER 10"
THICKNESS 1"
STANDARD (OPPD) B-2922-001

A-2922-306	REV. A	REV. B	REV. C
APPROVAL	1-12-77	11-22-76	6-30-80
	W.C. HILL	W.C. HILL	W.C. HILL
0170	D-1833-8		
REF. DRESS			

REGENERATIVE HEAT EXCHANGER

FIGURE B-43



CALIBRATION BLOCKS :

NO. AC-4A - ROOM 14

NO. AC-4B - ROOM 15

CHANNEL MATERIAL : S/S TP 304 SA 204

SHELL THICKNESS -

HEAD THICKNESS -

BOLTING : ALLOY STEEL

STUDS - SA - 193-B7

NUTS - SA - 194-2H

SHUTDOWN HEAT EXCHANGERS

A - 2922 601	3/24/79			
APPROVAL	DC			
OPD				
REF DRWGS	L - 26133 - 6			

FIGURE B-44

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TABLE 2A

40-YEAR INSERVICE EXAMINATION PLAN FOR
CLASS 2 COMPONENTS

FORT CALHOUN STATION UNIT 1
40-YEAR INSERVICE EXAMINATION PLAN FOR CLASS 2 COMPONENTS

Rev. November 1979

12. SFC 2002 Shutdown Coolant (Cont'd) (See Appendix B, Figure B-22)

ASME SEC. XI ITEM NO.	ASME SEC. XI CATGY.	EXAMINATION AREA IDENTIFICATION	EXAM METHOD	INSPECTION INTERVAL									REMARKS			
				OUTAGES												
				0	3	1/3	YEARS	3	1/3	YEARS	6	2/3		YEARS	6	2/3
				1	2	3	4	5	6	7	8	9				
C2.1	C-F	23 Elbow-to-Pipe	UT		3											
C2.1	C-F	24 Pipe-to-Elbow	UT													
C2.1	C-F	25 Elbow-to-Pipe	UT													
C2.1	C-F	26 Pipe-to-Pipe	UT													
C2.6	C-E-2	26-PR-1 Pipe Restraint SIS-169	VT					X								
C2.6	C-E-2	26-PR-2 Pipe Restraint SIS-169A	VT					X								
C2.1	C-F	27 Pipe-to-Reducer	UT		4											
C2.1	C-F	28 Reducer-to-8" Flange (Valve HCV 345)	UT													

PORT CATHODE STATION UNIT 1
40-YEAR INSERVICE EXAMINATION PLAN FOR CLASS 2 COMPONENTS

Rev. February 1980

12-SRC-2003 Shutdown Coolant (See Appendix B, Figure B-22a)

12-SR-2003 Shutdown Coolant (see Appendix B, Figure B-2a)														
ASME SEC. XI ITEM NO.	ASME SEC. XI CATGY	EXAMINATION AREA IDENTIFICATION	EXAM METHOD	INSPECTION INTERVAL										REMARKS
				0-3 1/3 YEARS		3 1/3-6 2/3 YEARS		6 2/3-10 YEARS						
				OUTAGES										
				1	2	3	4	5	6	7	8	9		
C2.1	C-F	1 Valve SI-174-to-Pipe	UT		1									
C2.1	C-F	2 Pipe-to-Tee	UT		2									
C2.1	C-F	3 Valve SI-173-to-Pipe	UT		3									
C2.1	C-F	4 Pipe-to-Tee	UT		4									
C2.1	C-F	5 Tee-to-Pipe	UT				2							
C2.1	C-F	6 Pipe-to-Elbow	UT					1						
C2.1	C-F	7 Elbow-to-Pipe	UT				3							
C2.1	C-F	8 Pipe-to-Elbow	UT				4							
C2.1	C-F	9 Elbow-to-Pipe	UT								1			
C2.1	C-F	10 Pipe-to-Elbow	UT								2			
C2.1	C-F	11 Elbow-to-Pipe	UT								3			
C2.1	C-F	12 Pipe-to-Elbow	UT								4			
C2.1	C-F	13 Elbow-to-Elbow	UT		1									
C2.1	C-F	14 Elbow-to-Pipe	UT						2					
C2.1	C-F	15 Pipe-to-Pipe	UT									3		
C2.1	C-F	16 Pipe-to-Elbow	UT		4									

Examine per IE Circular 76-06.

FORT CALHOUN STATION UNIT 1
40-YEAR INSERVICE EXAMINATION PLAN FOR CLASS 2 COMPONENTS

Rev. November 1979

6-SI-2024 (6-In.-SI-24) Safety Injection (See Appendix B, Figure B-32)

ASME SEC. XI ITEM NO.	ASME SEC. XI CATGY.	EXAMINATION AREA IDENTIFICATION	EXAM. METHOD	INSPECTION INTERVAL									REMARKS
				OUTAGES									
				0	3 1/3 YEARS	3 1/3	6 2/3 YEARS	6 2/3	10 YEARS	10 YEARS	10 YEARS	10 YEARS	
				1	2	3	4	5	6	7	8	9	
C2.1	C-F	1 4" Valve IRV-333-to Reducer	UT										
C2.1	C-F	1A Reducer-to-Pipe	UT					2					
C2.6	C-E-2	1A-PR Pipe Restraint	VT		X								
C2.1	C-F	2 Pipe-to-Pipe	UT										
C2.6	C-E-2	2-PR Pipe Restraint	VT					X					
C2.1	C-F	3 Pipe-to-Valve SI-197	UT					1					

Examine per IE Circular 76-06.

FORT CALHOUN STATION UNIT 1
40-YEAR INSERVICE EXAMINATION PLAN FOR CLASS 2 COMPONENTS

Rev. February 1980

6. LPH-2012 (6 In. - LPH-12) Low Pressure Header (See Appendix B, Figure B-33)

ASME SEC. XI ITEM NO.	ASME SEC. XI CATGY.	EXAMINATION AREA IDENTIFICATION	EXAM METHOD	INSPECTION INTERVAL									REMARKS						
				OUTAGES															
				0 3 1/3 YEARS 3 1/3 6 2/3 YEARS 6 2/3 10 YEARS															
				1	2	3	4	5	6	7	8	9							
C2.1	C-F	1 Tee-to-Pipe	UT																
C2.1	C-F	2 Pipe-to-Flange	UT																
C2.1	C-F	3 Flange-to-Pipe	UT																
C2.1	C-F	4 Pipe-to-Elbow	UT															2	
C2.1	C-F	5 Elbow-to-Pipe	UT																
C2.1	C-F	6 Pipe-to-Elbow	UT																
C2.1	C-F	7 Elbow-to-Reducer	UT															3	
C2.1	C-F	8 Reducer-to-4" Valve HCV-329	UT																

Examine per IE Circular 76-06.

PORT CALHOUN STATION UNIT 1
40-YEAR INSERVICE EXAMINATION PLAN FOR CLASS 2 COMPONENTS

Rev. February 1980

24-SI-2002 Safety Injection (See Appendix B, Figure B-37)

ASME SEC. XI ITEM NO.	ASME SEC. XI CATGY.	EXAMINATION AREA IDENTIFICATION	EXAM METHOD	INSPECTION INTERVAL										REMARKS
				OUTAGES										
				0	3 1/3 YEARS	3 1/3	6 2/3 YEARS	6 2/3	10 YEARS					
				1	2	3	4	5	6	7	8	9		
C2.1	C-F	1 Flange-to-Pipe	UT											
C2.1	C-F	1-A Pipe-to-Pipe	UT											
C2.1	C-F	2 Pipe-to-Elbow	UT					1						
C2.1	C-F	3 Elbow-to-Flange (Valve SI-160)	UT											
C2.1	C-F	4 Flange-to-Pipe Valve SI-160)	UT								1			
C2.1	C-F	4A Pipe-to-Pipe	UT											
C2.1	C-F	5 Pipe-to-Pipe	UT		1									
C2.1	C-F	6 Pipe-to-Pipe	UT					2						
C2.1	C-F	7 Pipe-to-Pipe	UT		2									
C2.5	C-E-1	8 Seal Weld	PT								1			
C2.6	C-E-2	8-SC Support Components	VT								X			
C2.6	C-E-2	8-PR-A Pipe Restraint SIS-33-T	VT		X									
C2.6	C-E-2	8-PR-B Pipe Restraint SIS-33-B	VT		X									
C2.1	C-F	9 Pipe-to-Pipe	UT											
C2.1	C-F	10 Pipe-to-Pipe	UT											

PORT CALERN STATION UNIT 1
40-YEAR INSERVICE EXAMINATION PLAN FOR CLASS 2 COMPONENTS

Rev. November 1979

24-S1-2002 Safety Injection (Cont'd) (See Appendix B, Figure B-37)

ASME SEC. XI ITEM NO.	ASME SEC. XI CATGY	EXAMINATION AREA IDENTIFICATION	EXAM METHOD	INSPECTION INTERVAL										REMARKS
				OUTAGES										
				0-3 1/3 YEARS	3 1/3	6 2/3 YEARS	6 2/3	10 YEARS						
				1	2	3	4	5	6	7	8	9		
C2.1	C-F	11 Pipe-to-Tee	UT											
C2.1	C-F	12 Tee-to-Pipe	UT								2			
C2.6	C-E-2	12-PR Pipe Restraint	VT								X			
C2.1	C-F	13 Pipe-to-Elbow	UT											
C2.1	C-F	14 Elbow-to-Pipe	UT					3						
C2.1	C-F	15 Pipe-to-Elbow	UT											
C2.1	C-F	16 Elbow-to-Pipe	UT									3		
C2.6	C-E-2	16-PR Pipe Restraint SIS-34	VT						X					
C2.1	C-F	17 Pipe-to-Pipe	UT											
C2.6	C-E-2	17-PR-A Pipe Restraint SIS-35-T	VT									X		
C2.6	C-E-2	17-PR-B Pipe Restraint SIS-35-B	VT									X		
C2.1	C-F	18 Pipe-to-Tee	UT					4						
C2.1	C-F	19 Tee-to-Tee	UT											
C2.1	C-F	20 Tee-to-Pipe	UT									4		
C2.1	C-F	21 Pipe-to-Tee	UT											
C2.1	C-F	22 Tee-to-Cap	UT											

FORT CALHOUN STATION UNIT 1
40-YEAR INSERVICE EXAMINATION PLAN FOR CLASS 2 COMPONENTS

Rev. February 1980

12 CSS-2012 Containment Spray (See Appendix B, Figure B-39)

12-UGS-2012 Containment Spray (See Appendix B, Figure B-39)				INSPECTION INTERVAL										REMARKS			
ASME SEC. XI ITEM NO.	ASME SEC. XI CATGY.	EXAMINATION AREA IDENTIFICATION	EXAM METHOD	OUTAGES													
				0 - 3 1/3 YEARS									6 2/3		10 YEARS		
				1	2	3	4	5	6	7	8	9					
C2.1	C-F	1A Tee-to-Pipe	UT														
C2.1	C-F	1 Pipe-to-Elbow	UT														
C2.1	C-F	2 Elbow-to-Pipe	UT														
C2.1	C-F	3 Pipe-to-Elbow	UT														
C2.6	C-E-2	3-FR Pipe Restraint	UT													X	
C2.1	C-F	4 Elbow-to-Valve HCV-2967	UT														
C2.1	C-F	5 Valve HCV-2967-to-Pipe	UT														
C2.1	C-F	6 Pipe-to-Elbow	UT							2							
C2.1	C-F	7 Elbow-to-Pipe	UT							3							
C2.1	C-F	8 Pipe-to-Reducer	UT										1				
C2.1	C-F	9 Reducer-to-10" Flange	UT														

FORT CALHOUN STATION UNIT 1
40-YEAR INSERVICE EXAMINATION PLAN FOR CLASS 2 COMPONENTS

Rev. February 1980

12-CSS-2013 Containment Spray (See Appendix B, Figure B-39)

12 CCS-2013 Containment Spray (See Appendix B, Figure B-19)														
ASME SEC XI ITEM NO	ASME SEC XI CATG	EXAMINATION AREA IDENTIFICATION	EXAM METHOD	INSPECTION INTERVAL									REMARKS	
				OUTAGES										
				0	3	1 1/3	YEARS	3	1 1/3	YEARS	6	2 1/3		YEARS
				1	2	3	4	5	6	7	8	9		
C2.1	C-F	1A Tee-to-Pipe	UT											
C2.1	C-F	1 Pipe-to-Elbow	UT								1			
C2.1	C-F	2 Elbow-to-Pipe	UT											
C2.6	C-E-2	2-PR Pipe Restraint	VT		X									
C2.1	C-F	3 Pipe-to-Elbow	UT								2			
C2.1	C-F	4 Elbow-to-Pipe	UT											
C2.6	C-E-2	4-PR-1 Pipe Restraint SIS-32-A	VT								X			
C2.6	C-E-2	4-PR-2 Pipe Restraint SIS-32-B	VT								X			
C2.6	C-E-2	4-PR-3 Pipe Restraint SIS-32	VT						X					
C2.1	C-F	5 Pipe-to-Valve HCV-295J	UT											
C2.1	C-F	6 Valve HCV-295J-to-Pipe	UT											
C2.1	C-F	7 Pipe-to-Elbow	UT								3			
C2.1	C-F	8 Elbow-to-Pipe	UT											
C2.1	C-F	9 Pipe-to-Reducer	UT											
C2.1	C-F	10 Reducer-to-10" Flange	UT											

FORT CALHOUN STATION UNIT 1
40-YEAR INSERVICE EXAMINATION PLAN FOR CLASS 2 COMPONENTS

8-HPSI-2001 High Pressure Safety Injection (See Appendix B, Figure B-40)													Rev. February 1980												
ASME SEC XI ITEM NO	ASME SEC XI CATGY	EXAMINATION AREA IDENTIFICATION	EXAM METHOD	INSPECTION INTERVAL										REMARKS											
				OUTAGES																					
				0	3 1/3 YEARS	3 1/3	6 2/3 YEARS	6 2/3	10 YEARS	10 YEARS	10 YEARS	10 YEARS	10 YEARS												
				1	2	3	4	5	6	7	8	9													
C2.1	C-F	1A Tee-to-Pipe	UT																						
C2.1	C-F	1 Pipe-to-Flange (Valve SI-113)	UT		1																				
C2.1	C-F	2 Flange-to-Tee (Valve SI-113)	UT		4																				
C2.6	C-E-2	2-PR-1 Pipe Restraint SIS-21-B	VT		X																				
C2.1	C-F	2A Tee-to-Pipe	UT																						
C2.6	C-E-2	2-PR-2 Pipe Restraint SIS-21-C	VT						X																
C2.6	C-E-2	2-PR-3 Pipe Restraint	VT								X														
C2.6	C-E-2	2-PR-4 Pipe Restraint SIS-21	VT								X														
C2.1	C-F	3 Pipe-to-Elbow	UT		2																				
C2.1	C-F	4 Elbow-to-Pipe	UT							1															
C2.1	C-F	5 Pipe-to-Tee	UT		3																				
C2.1	C-F	6 Tee-to-Reducer	UT					2																	

40-YEAR INSERVICE EXAMINATION PLAN FOR CLASS 2 COMPONENTS
FORT CALHOUN STATION UNIT 1

Rev. November 1979

6-HP/ST-2001 High Pressure Safety Injection (See Appendix B, Figure B-41)

ASME SEC. XI ITEM NO.	ASME SEC. XI CATY	EXAMINATION AREA IDENTIFICATION	EXAM METHOD	INSPECTION INTERVAL									REMARKS				
				OUTAGES													
				0-3 1/3 YEARS	3 1/3-6 2/3 YEARS	6 2/3-10 YEARS	10-13 1/3 YEARS	13 1/3-16 2/3 YEARS	16 2/3-20 YEARS	20-23 1/3 YEARS	23 1/3-26 YEARS	26-29 YEARS					
C2.1	C-F	1 Tee-to-Pipe	UT	1													
C2.1	C-F	2 Pipe-to-Elbow	UT		2												
C2.1	C-F	3 Elbow-to-Pipe	UT			3											
C2.1	C-F	4 Pipe-to-Valve SI-100	UT														
C2.1	C-F	5 Valve SI-100-to-Tee	UT		3												
C2.6	C-E-2	5-PR-A Pipe Restraint SIS-16A	VT						X								
C2.6	C-E-2	5-PR-B Pipe Restraint SIS-16	VT						X								
C2.1	C-F	6 Tee-to-Reducer	UT														
C2.1	C-F	7 Tee-to-Pipe	UT														
C2.1	C-F	8 Pipe-to-Valve HCV-2907	UT														
C2.1	C-F	9 Valve HCV-2907-to-Pipe	UT		4												
C2.1	C-F	10 Pipe-to-Elbow	UT														
C2.5	C-E-1	10-PS Pipe Support	PT												X		
C2.6	C-E-2	10-SC Support Components	VT												X		
C2.1	C-F	11 Elbow-to-Reducer	UT														

FORT CALHOUN STATION UNIT 1
40-YEAR INSERVICE EXAMINATION PLAN FOR CLASS 2 COMPONENTS

Rev. February 1980

6-HP51-2002 High Pressure Safety Injection (See Appendix B, Figure B-40)

6-HP/SL-2002 High Pressure Safety Injection (See Appendixes B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ										6-HP/SL-2002 High Pressure Safety Injection (See Appendixes B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ										REMARKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
ASME SEC. XI ITEM NO.	ASME SEC. XI CATGY	EXAMINATION AREA IDENTIFICATION	EXAM METHOD	INSPECTION INTERVAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				OUTAGES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				0	3	1/3 YEARS	3	1/3	6	2/3 YEARS	6	2/3	10 YEARS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1	2	3	4	5	6	7	8	9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
C2.1	C-F	1 Reducer-to-Pipe	UT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

FORT CALHOUN STATION UNIT 1
40-YEAR INSERVICE EXAMINATION PLAN FOR CLASS 2 COMPONENTS

Rev. November 1979

6-BFS1-2003 High Pressure Safety Injection (See Appendix B, Figure B-40)

ASME SEC. XI ITEM NO.	ASME SEC. XI CATGY	EXAMINATION AREA IDENTIFICATION	EXAM METHOD	INSPECTION INTERVAL										REMARKS	
				OUTAGES											
				0	1	2	3	4	5	6	7	8	9		
C2.1	C-F	1 Tee-to-Pipe	UT										1		
C2.1	C-F	2 Pipe-to-Elbow	UT											2	
C2.1	C-F	3 Elbow-to-Pipe	UT												
C2.1	C-F	4 Pipe-to-Elbow	UT												
C2.1	C-F	5 Elbow-to-Valve HW-2917	UT												
C2.1	C-F	6 Valve HW-2917-to-Pipe	UT												
C2.1	C-F	7 Pipe-to-Elbow	UT										3		
C2.5	C-E-1	7-PS Pipe Support	PT								X				
C2.6	C-E-2	7-SC Support Components	VT								X				
C2.1	C-F	8 Elbow-to-Reducer	UT												

FORT CALHOUN STATION UNIT 1
40-YEAR INSERVICE EXAMINATION PLAN FOR CLASS 2 COMPONENTS

Rev. February 1980

6-SI-2002 Safety Injection (See Appendix B, Figure B-42)

REV. FEBRUARY 2000

ASME SEC. XI ITEM NO.	ASME SEC. XI CATGY	EXAMINATION AREA IDENTIFICATION	EXAM METHOD	INSPECTION INTERVAL										REMARKS	
				OUTAGES											
				0 - 3 1/3 YEARS			3 1/3 - 6 2/3 YEARS			6 2/3 - 10 YEARS					
				1	2	3	4	5	6	7	8	9			
C2.1	C-F	1 Reducer-to-Elbow	UT		1										
C2.1	C-F	2 Elbow-to-Pipe	UT		2										
C2.1	C-F	3 Pipe-to-Elbow	UT					1							
C2.1	C-F	4 Elbow-to-Pipe	UT		4										
C2.1	C-F	5 Pipe-to-Elbow	UT		3										
C2.1	C-F	6 Elbow-to-Pipe	UT					2							
C2.6	C-E-2	6-PR Pipe Restraint	VT		X										
C2.1	C-F	7 Pipe-to-Elbow	UT					3							
C2.1	C-F	8 Elbow-to-Pipe	UT					4							
C2.6	C-E-2	8-PR-1 Pipe Restraint	VT						X						
C2.6	C-E-2	8-PR-2 Pipe Restraint SIS-22	VT						X						
C2.1	C-F	9 Pipe-to-Elbow	UT										1		
C2.1	C-F	10 Elbow-to-Pipe	UT										2		
C2.6	C-E-2	10-PR-1 Pipe Restraint SIS-74 B	VT										X		
C2.6	C-E-2	10-PR-2 Pipe Restraint	VT										X		
C2.6	C-E-2	10-PR-3 Pipe Restraint SIS-21-A	VT			X									

FORT CALHOUN STATION UNIT 1
40-YEAR INSERVICE EXAMINATION PLAN FOR CLASS 2 COMPONENTS

Rev. November 1979

6-SI-2002 Safety Injection (Cont'd) (See Appendix B, Figure B-42)

6-SI-2002 Safety Injection (Cont'd) (See Appendix B, Figure B-42)														
ASME SEC. XI ITEM NO	ASME SEC. XI CATY	EXAMINATION AREA IDENTIFICATION	EXAM METHOD	INSPECTION INTERVAL										REMARKS
				OUTAGES										
				0-3 1/3 YEARS	3 1/3	6 2/3 YEARS	6 2/3-10 YEARS	6 2/3-10 YEARS	6 2/3-10 YEARS	6 2/3-10 YEARS	6 2/3-10 YEARS	6 2/3-10 YEARS	6 2/3-10 YEARS	
				1	2	3	4	5	6	7	8	9		
C2.1	C-F	11 Pipe-to-Elbow	UT									3		
C2.1	C-F	12 Elbow-to-Pipe	UT									4		
C2.1	C-F	13 Pipe-to-Elbow	UT		1									
C2.1	C-F	14 Elbow-to-Elbow	UT		2									
C2.1	C-F	15 Elbow-to-Flange (Valve SI-153)	UT		3									
C2.1	C-F	16 Flange-to-Pipe (Valve SI-153)	UT		4									
C2.1	C-F	17 Pipe-to-Tee	UT						1					
C2.1	C-F	18 Tee-to-Pipe	UT					3						
C2.1	C-F	19 Pipe-to-Reducer	UT											

APPENDIX B

CLASS 2 NONEXEMPT WELD IDENTIFICATION FIGURES

A-2022-377	T-0-77	11-21-78	
APPROVAL	<i>[Signature]</i>		
OPPD	P-619	2-22-78 - 11-13-78	SAY S KORZ S B L C 6-7-78
REF. DRWG#	1-0	1 C	SHLEY R

6-LPH-2022
(6-IN-LPH-22)
6-SI-2022
(6-IN-SI-22)

NOMINAL DIAMETER:	6"	4"	6"
SCHEDULE:	40S	160	180
NOMINAL THICKNESS:	0.280"	0.251"	0.718"
STANDARDS:			
8-32-40S	280-21-7CL		
8-2501-2	8-180		
8-2507-2	8-160		

FIGURE B-31

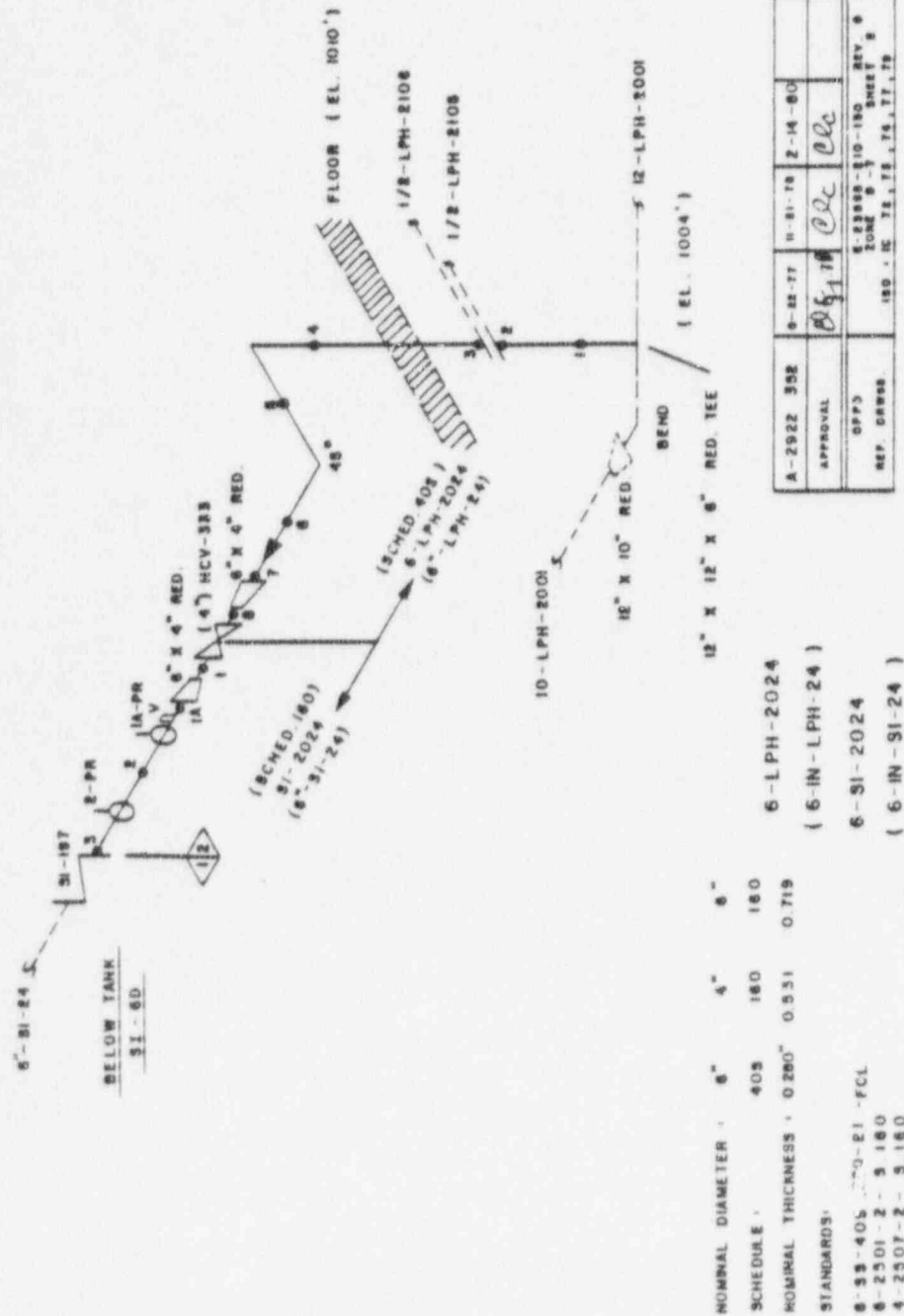
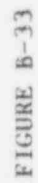
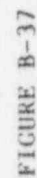


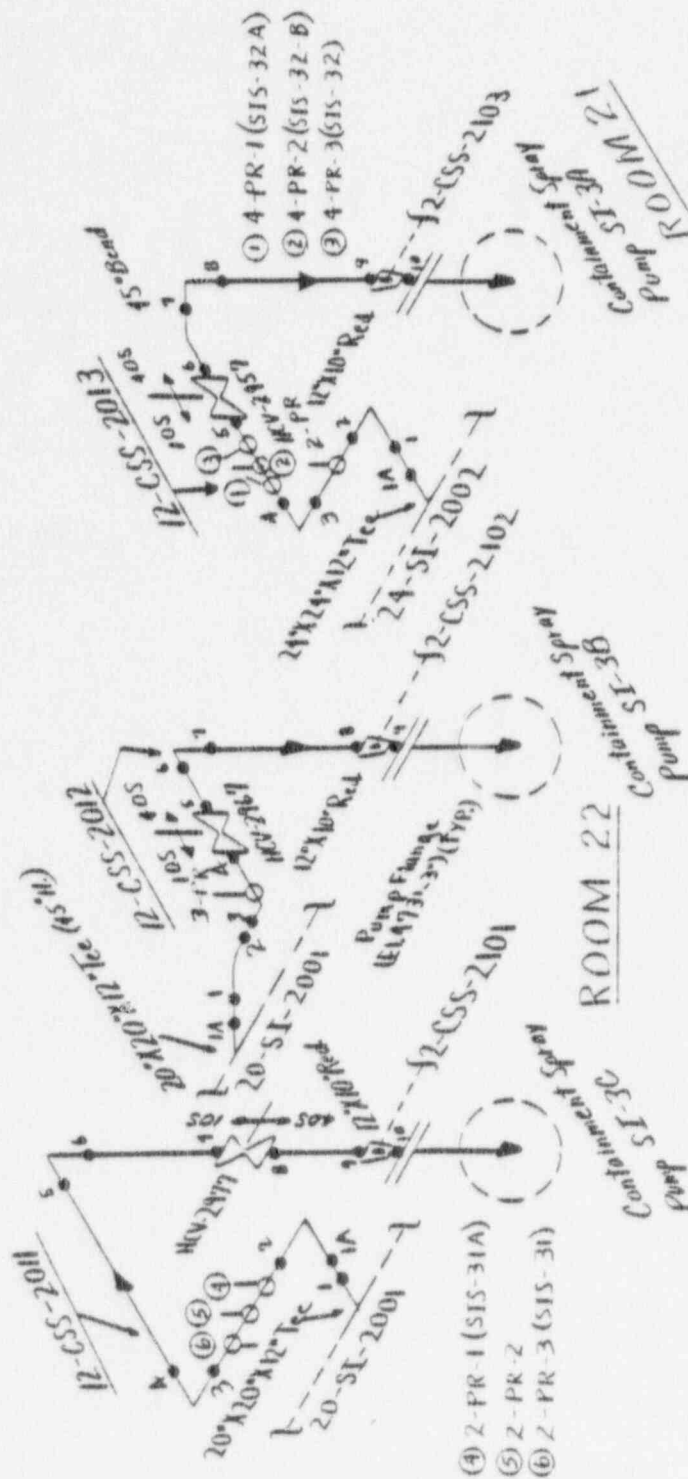
FIGURE B-32











2022-110	4/5/77	2/2/78	11/22/78	2/14/80
Approval:	POC	POC	POC	POC
Design:	23866-210-130	Rev. 9		
Zone:	11-3	Sheet 1		
Reference:	150;	TC-203		
Drawings:				

NOMINAL DIAMETER	12"	12"
SCHEDULE:	40S	10S
NOMINAL THICKNESS	0.375	0.180
STANDARD:	12-SS-40S-0.375-1B-FCL	
	12 - CSS - 2011	2011
	12 - CSS - 2012	2012
	12 - CSS - 2013	2013

FIGURE B-39

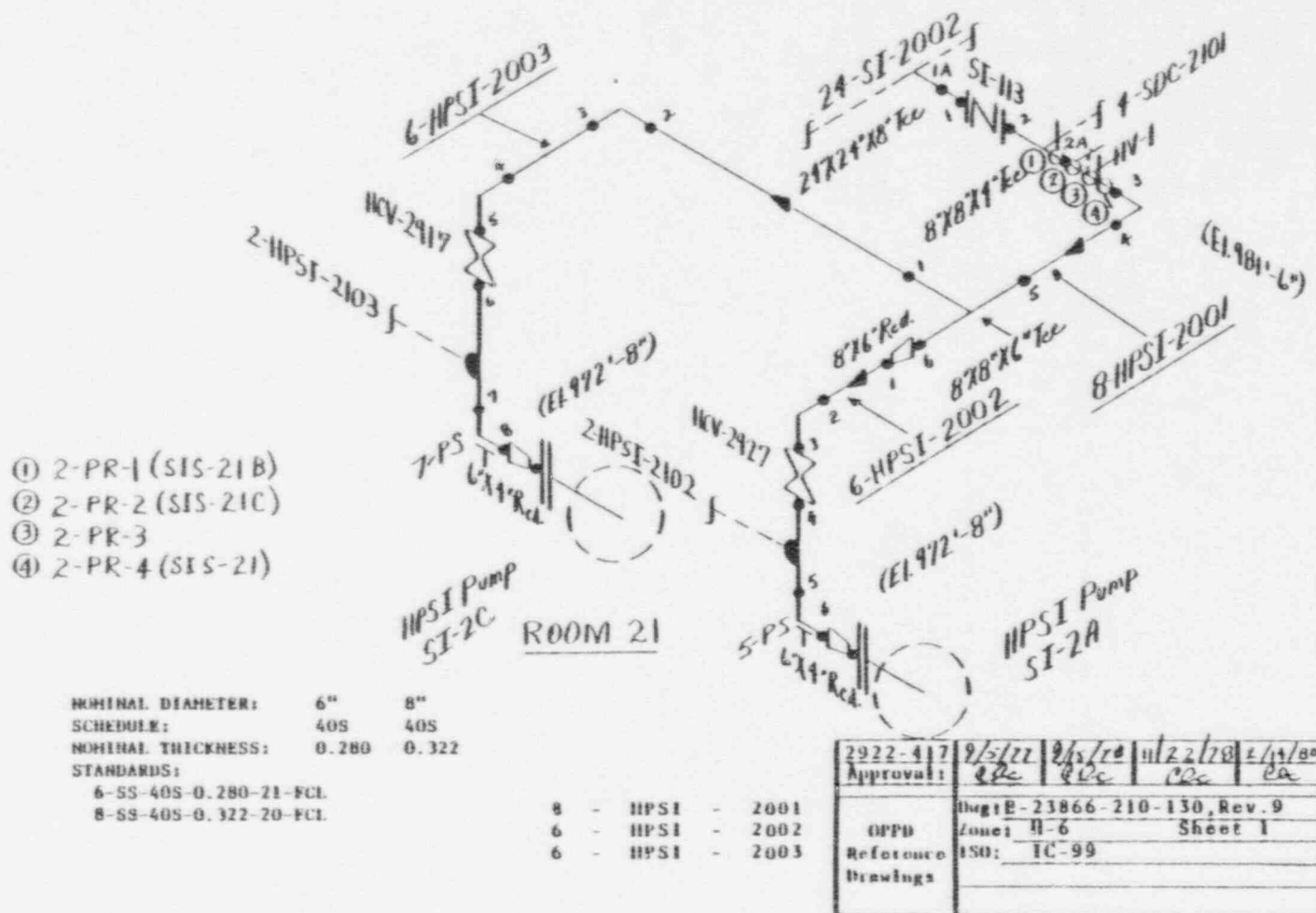
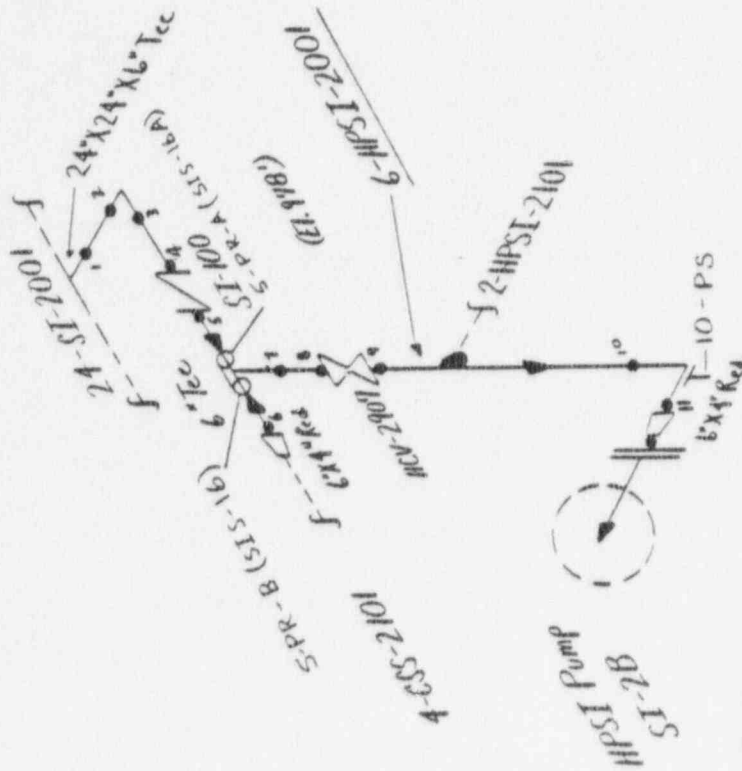


FIGURE B-40

ROOM 22

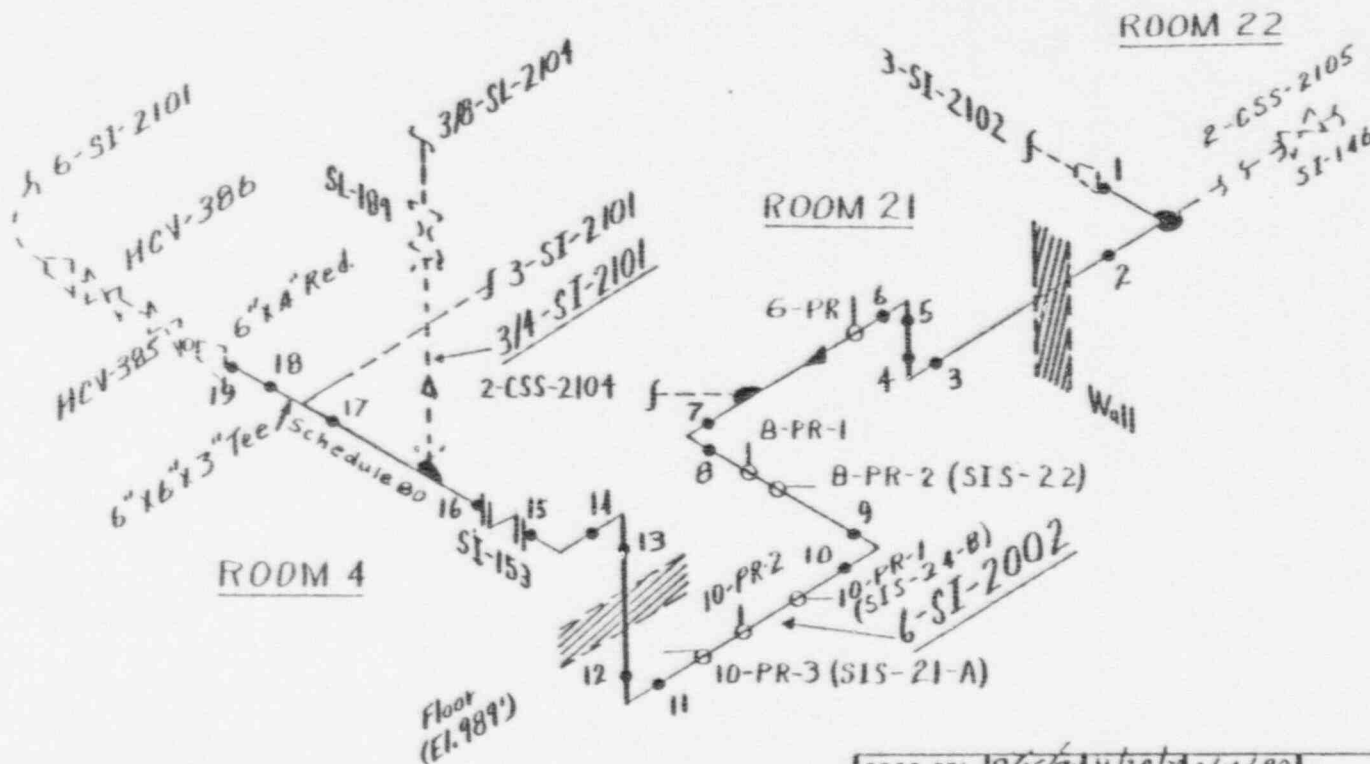


NOMINAL DIAMETER: 6"
 SCHEDULE: 40S
 NOMINAL THICKNESS: 0.280
 STANDARD:
 6-SS-40S-0.280-21-FCL

6 - HPSI - 2001

2922-416	9/5/77	245/28	11/21/78
Approval:	026	026	026
Design:	23866-210-130, Rev. 9		
Zone:	II-7	Sheet 1	
ISB:	IC-197		
Reference Drawings			

FIGURE B-41



NOMINAL DIAMETER: 6"
 SCHEDULE: 40S
 NOMINAL THICKNESS: 0.280
 STANDARD:
 6-SS-40S-.280-21-FCL
 (4.00"-2507-2-S.160,
 Welds 16, 17, 18, 19 only)

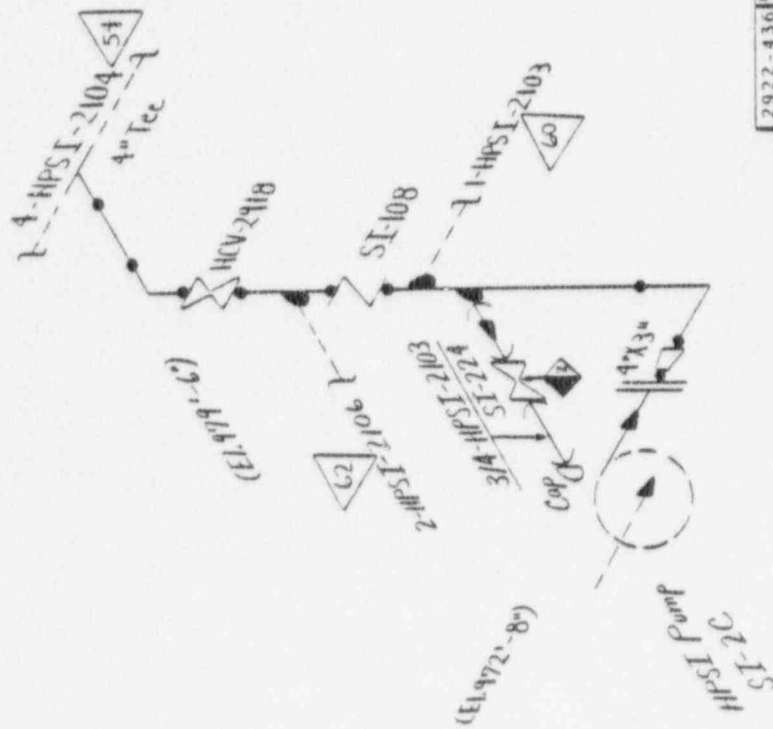
6 - SI - 2002

2922-574	8/15/76	11/28/78	2/14/80
Approval:	POC	POC	POC
OPN	Bgt B-23866-210-130, Rev. 9		
Reference	Sheet 1		
Drawings	IC-200, IC-212		

FIGURE B-42

APPENDIX C

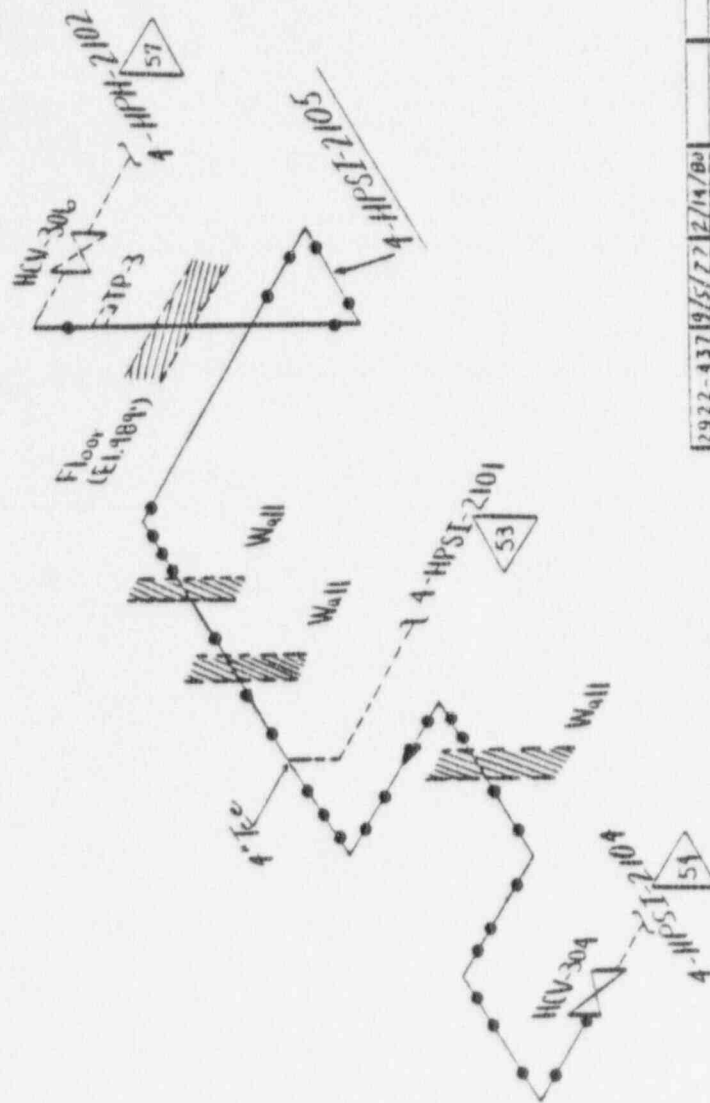
CLASS 2 EXEMPT COMPONENT IDENTIFICATION FIGURES



4 - HPSI - 2103
3/4 - HPSI - 2103

Figure C-55

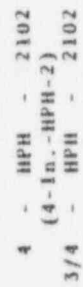
2922-436	9/5/77			
Approved:	<i>[Signature]</i>			
Design:	E-23863-210-130, Rev. 9			
Zone:	G-6			
Reference:	ISD: IC-209			
Drawings:				



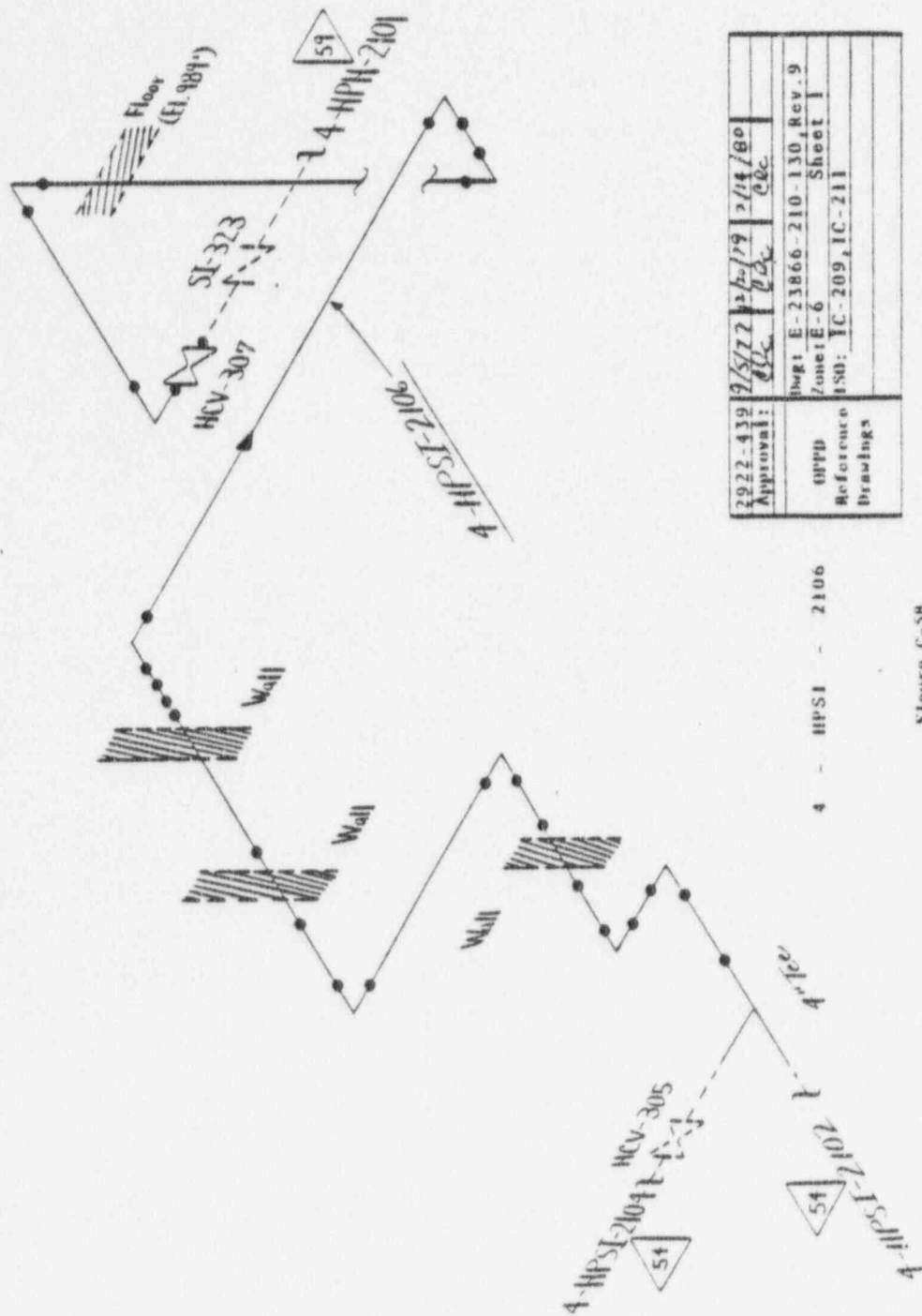
2922-437	19/5/77	2/14/80	
Approval:	PC	DC	
Design	E-23866-210-130, Rev. 9		
Zone:	E-7		
Reference	ISO: IC-209, IC-210		
Drawings			

4 - HPSI - 2105

Figure C-56



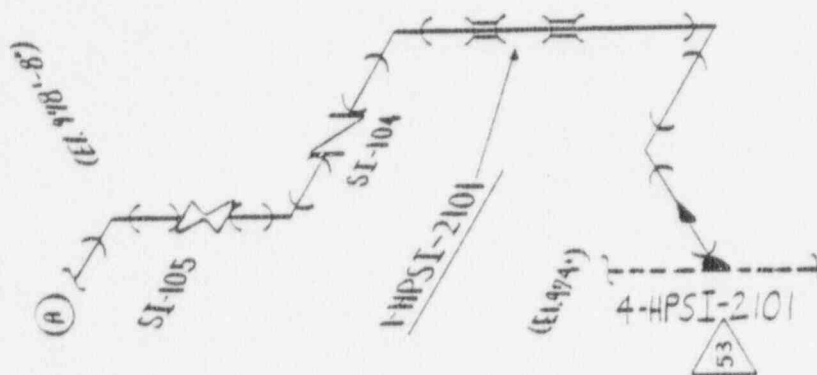
C-57



2922-439	2/5/77	2/20/79	2/14/80
Approval:	OC	OC	OC
WPD	Wgt E-23866-210-130, Rev. 9		
Reference	Zone E-6 Sheet 1		
Drawings	ISO: IC-209, IC-211		

4 - HPST - 2106

Figure C-58



2022-442	9/5/22	9/15/24	2/4/80
Approval:	PS	PS	PS
Bag ID- 23866-210-130 Rev. 9 Zone: F-7 Sheet 1 Reference 150; 1C-212, SI-401, 1, 2 Drawings			

3	-	SH	-	2101
2-1/2	-	SH	-	2101
1	-	SH'SH	-	2101

Figure C-61

9/5/77					
QC					
Dwg: E-23866-210-130, Rev. 9					
Zone I F-6 - 7					
Sheet 1					
ISO: SI-4311, SI-4313,					
SI-4327					
QPPD					
Reference					
Bussing's					
Approval:					
2922-443					

Figure C-62