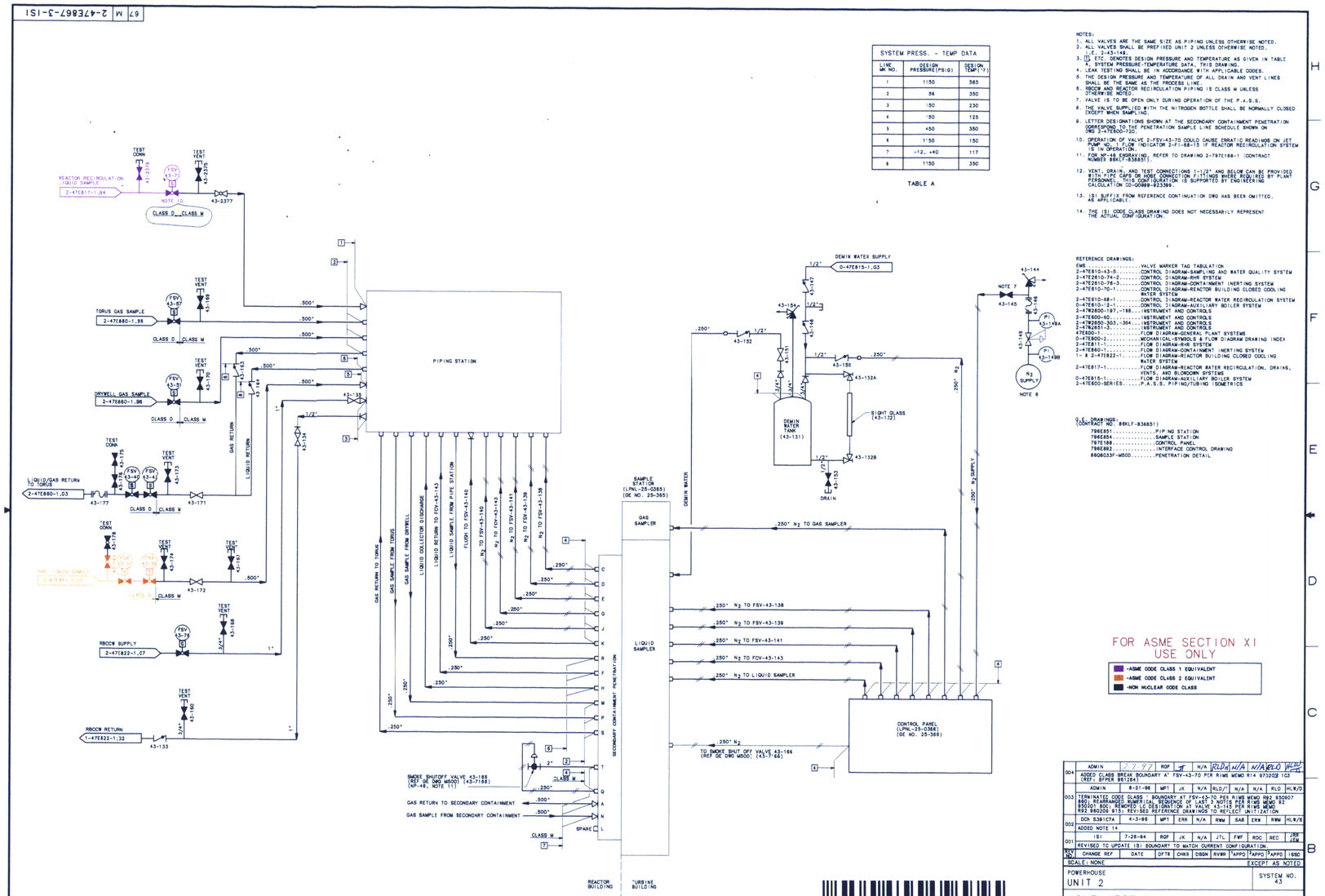
67 M 2-47E867-3-ISI



POST ACCIDENT SAMPLING SYSTEM (P.A.S.S.)

SYSTEM PRESS. - TEMP DATA		
LINE MK NO.	DESIGN PRESSURE(PSIG)	DESIGN TEMP.(°F)
1	1150	565
2	56	350
3	150	230
4	150	125
5	450	350
6	1150	150
7	-12, +40	117
8	1150	350

TABLE A

NOTES:

1. ALL VALVES ARE THE SAME SIZE AS PIPING UNLESS OTHERWISE NOTED.
2. ALL VALVES SHALL BE PREFIXED UNIT 2 UNLESS OTHERWISE NOTED. I.E., 2-43-148.
3. [1], ETC. DENOTES DESIGN PRESSURE AND TEMPERATURE AS GIVEN IN TABLE A, SYSTEM PRESSURE-TEMPERATURE DATA, THIS DRAWING.
4. LEAK TESTING SHALL BE IN ACCORDANCE WITH APPLICABLE CODES.
5. THE DESIGN PRESSURE AND TEMPERATURE OF ALL DRAIN AND VENT LINES SHALL BE THE SAME AS THE PROCESS LINE.
6. RBCCW AND REACTOR RECIRCULATION PIPING IS CLASS M UNLESS OTHERWISE NOTED.
7. VALVE IS TO BE OPEN ONLY DURING OPERATION OF THE P.A.S.S.
8. THE VALVE SUPPLIED WITH THE NITROGEN BOTTLE SHALL BE NORMALLY CLOSED EXCEPT WHEN SAMPLING.
9. LETTER DESIGNATIONS SHOWN AT THE SECONDARY CONTAINMENT PENETRATION CORRESPOND TO THE PENETRATION SAMPLE LINE SCHEDULE SHOWN ON DWG 2-47E600-720.
10. OPERATION OF VALVE 2-FSV-43-70 COULD CAUSE ERRATIC READINGS ON JET PUMP NO. 1 FLOW INDICATOR 2-FI-68-15 IF REACTOR RECIRCULATION SYSTEM IS IN OPERATION.
11. FOR NP-48 ENDRAWING, REFER TO DRAWING 2-797E188-1 (CONTRACT NUMBER 88KLF-838651).
12. VENT, DRAIN, AND TEST CONNECTIONS 1-1/2" AND BELOW CAN BE PROVIDED WITH PIPE CAPS OR HOSE CONNECTION FITTINGS WHERE REQUIRED BY PLANT PERSONNEL. THIS CONFIGURATION IS SUPPORTED BY ENGINEERING CALCULATION 2D-00999-923399.
13. ISI SUFFIX FROM REFERENCE CONTINUATION DWG HAS BEEN OMITTED, AS APPLICABLE.
14. THE ISI CODE CLASS DRAWING DOES NOT NECESSARILY REPRESENT THE ACTUAL CONFIGURATION.

REFERENCE DRAWINGS:

EMS.....VALVE MARKER TAG TABULATION
2-47E810-43-S.....CONTROL DIAGRAM-SAMPLING AND WATER QUALITY SYSTEM
2-47E610-74-2.....CONTROL DIAGRAM-RHR SYSTEM
2-47E610-78-3.....CONTROL DIAGRAM-CONTAINMENT INERTING SYSTEM
2-47E610-70-1.....CONTROL DIAGRAM-REACTOR BUILDING CLOSED COOLING WATER SYSTEM
2-47E610-68-1.....CONTROL DIAGRAM-REACTOR WATER RECIRCULATION SYSTEM
0-47E610-12-1.....CONTROL DIAGRAM-AUXILIARY BOILER SYSTEM
2-47E600-197,-198...INSTRUMENT AND CONTROLS
2-47E600-60.....INSTRUMENT AND CONTROLS
2-47E651-303,-304...INSTRUMENT AND CONTROLS
2-47E651-3.....INSTRUMENT AND CONTROLS
47E600-1.....FLOW DIAGRAM-GENERAL PLANT SYSTEMS
0-47E600-1.....MECHANICAL-SYMBOLS & FLOW DIAGRAM DRAWING INDEX
2-47E811-1.....FLOW DIAGRAM-RHR SYSTEM
2-47E860-1.....FLOW DIAGRAM-CONTAINMENT INERTING SYSTEM
1- & 2-47E822-1.....FLOW DIAGRAM-REACTOR BUILDING CLOSED COOLING WATER SYSTEM
2-47E817-1.....FLOW DIAGRAM-REACTOR WATER RECIRCULATION, DRAINS, VENTS, AND BLOWDOWN SYSTEMS
0-47E815-1.....FLOW DIAGRAM-AUXILIARY BOILER SYSTEM
2-47E600-SERIES.....P.A.S.S. PIPING/TUBING ISOMETRICS

G.E. DRAWINGS:
(CONTRACT NO. 88KLF-838651)
797E851.....PIPING STATION
797E854.....SAMPLE STATION
797E188.....CONTROL PANEL
797E862.....INTERFACE CONTROL DRAWING
860E033F-M500.....PENETRATION DETAIL

FOR ASME SECTION XI USE ONLY

- -ASME CODE CLASS 1 EQUIVALENT
- -ASME CODE CLASS 2 EQUIVALENT
- -NON NUCLEAR CODE CLASS

REV NO.	CHANGE REF	DATE	DFTR	CHKR	DSGN	RVWR	APPD	APPD	APPD	ISSD
004	ADMIN	2-7-97	RGF	JT	N/A	RLD/D	N/A	N/A	RLD	RLD/D
	ADDED CLASS BREAK BOUNDARY A" FSV-43-70 PER RIMS MEMO R14 970203 1G3 (REF: BPER 961264)									
003	ADMIN	8-21-96	MPT	JK	N/A	RLD/T	N/A	N/A	RLD	HLW/D
	TERMINATED CODE CLASS - BOUNDARY AT FSV-43-70 PER RIMS MEMO R92 950907 BDC; REARRANGED NUMERICAL SEQUENCE OF LAST 3 NOTES PER RIMS MEMO 92 950301 BDC; REMOVED LC DESIGNATION AT VALVE 43-145 PER RIMS MEMO R92 950209 915; REVISED REFERENCE DRAWINGS TO REFLECT UNITIZATION									
002	DCN 53917CA	4-3-95	MPT	ERR	N/A	RWM	SAB	ERW	RWM	HLW/B
	ADDED NOTE 14									
001	ISI	7-26-94	RGF	JK	N/A	JTL	FWF	ROC	REC	JRK JEW
	REVISED TO UPDATE ISI BOUNDARY TO MATCH CURRENT CONFIGURATION.									

SCALE: NONE — EXCEPT AS NOTED

POWERHOUSE UNIT 2 — SYSTEM NO. 43

ASME SECTION XI SAMPLING AND WATER QUALITY SYSTEM CODE CLASS BOUNDARIES

S — BROWNS FERRY NUCLEAR PLANT, TENNESSEE VALLEY AUTHORITY — Q

DESIGN		INITIAL ISSUE	ENGINEERING APPROVAL
DRAFTER PHB	CHECKER RFQ		1 JES
DESIGNER N/A	REVIEWER N/A		2 GLB
			3 N/A

ISSUED BY: N/A — DATE 9-8-92 — 67 M 2-47E867-3-ISI R004

THIS DRAWING IS UNDER CONFIGURATION CONTROL — CCD

ISI DRAWING WAS ISSUED FOR BASELINE DWG. 2-47E867-3 REV. 001

0921955182
BFND DRAWINGS
CC 2 2-47E867
000003 ISI
020797 004

CADAM PROCADAM

D-35