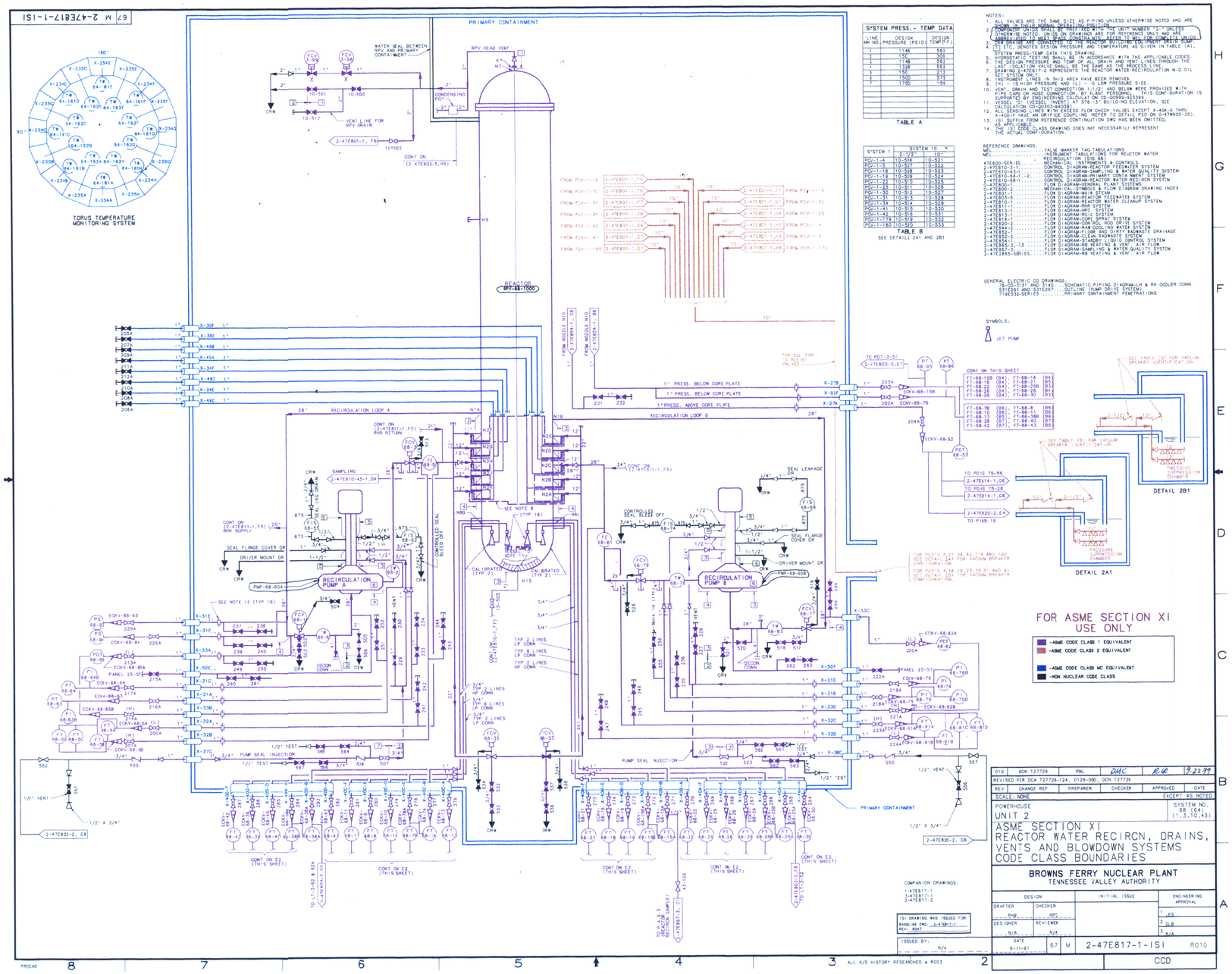
67 M 2-47E817-1-1SI



SYSTEM PRESS.- TEMP DATA		
LINE NO.	DESIGN PRESSURE (PSIG)	DESIGN TEMP (°F)
1	1146	562
2	150	300
3	1148	562
4	1328	562
5	150	212
6	1500	575
7	1720	150

TABLE A

SYSTEM 1	SYSTEM 10
2-1/2"	10"
PCV-1-4	10-536	10-521
PCV-1-5	10-537	10-522
PCV-1-18	10-538	10-523
PCV-1-19	10-539	10-524
PCV-1-22	10-510	10-525
PCV-1-23	10-511	10-526
PCV-1-30	10-512	10-527
PCV-1-31	10-513	10-528
PCV-1-34	10-514	10-529
PCV-1-41	10-515	10-530
PCV-1-42	10-516	10-531
PCV-1-179	10-519	10-532
PCV-1-180	10-520	10-533

TABLE B
SEE DETAILS 2A1 AND 2B1

NOTES:
1. ALL VALVES ARE THE SAME SIZE AS P-PING UNLESS OTHERWISE NOTED AND ARE SHOWN IN THEIR NORMAL OPERATING POSITION.
2. COMPONENT UNITS SHALL BE PREFIXED WITH UNIT NUMBER "2-" UNLESS OTHERWISE NOTED. UNITS ON DRAWING ARE FOR REFERENCE ONLY AND ARE NOT INTENDED TO BE A COMPLETE LISTING OF ALL COMPONENTS UNDER SURVEILLANCE.
3. REFERENCE AND CONTINUATION DRAWINGS ARE SHOWN IN PARENTHESIS ( ).
4. (T) ETC. DENOTES DESIGN PRESSURE AND TEMPERATURE AS GIVEN IN TABLE (A).
5. SYSTEM PRESS-TEMP DATA THIS DRAWING.
6. HYDROSTATIC TESTING SHALL BE IN ACCORDANCE WITH THE APPLICABLE CODES.
7. THE DESIGN PRESSURE AND TEMP OF ALL DRAIN AND VENT LINES THROUGH THE LAST ISOLATION VALVE SHALL BE THE SAME AS THE PROCESS LINE.
8. INSTRUMENT LINES IN THIS AREA HAVE BEEN REMOVED.
9. (H) - IS HIGH PRESSURE AND (L) - IS LOW PRESSURE SIDE.
10. VENT, DRAIN AND TEST CONNECTION 1-1/2" AND BELOW WERE PROVIDED WITH PIPE CAPS OR HOSE CONNECTION, BY PLANT PERSONNEL. THIS CONFIGURATION IS SUPPORTED BY ENGINEERING CALCULAT ION CD-Q0999-923399.
11. SEE TABLE (B) FOR VACUUM BREAKER LOCATION AT 578 -3" BUILDING ELEVATION, SEE CALCULATION CD-Q5303-940591.
12. ALL SENSING LINES WITH EXCESS FLOW CHECK VALVES EXCEPT X-40A-A THRU X-40D-F HAVE AN ORIFICE COUPLING. REFER TO DETAIL P2D ON D-47W600-2(2).
13. ISI SUFFIX FROM REFERENCE CONTINUATION DWG HAS BEEN OMITTED, AS APPLICABLE.
14. THE ASME CODE CLASS DRAWING DOES NOT NECESSARILY REPRESENT THE ACTUAL CONFIGURATION.

REFERENCE DRAWINGS:
MEL ..... VALVE MARKER TAG TABULATIONS
MEL ..... INSTRUMENT TABULATIONS FOR REACTOR WATER RECIRCULATION (SYS 68)
47E600-SERIES ..... MECHANICAL INSTRUMENTS & CONTROLS
2-47E610-1-1 ..... CONTROL DIAGRAM-REACTOR WATER CLEANUP SYSTEM
2-47E610-43-1 ..... CONTROL DIAGRAM-SAMPLING & WATER QUALITY SYSTEM
2-47E610-64-1,-2 ..... CONTROL DIAGRAM-PRIMARY CONTAINMENT SYSTEM
2-47E610-68-1 ..... CONTROL DIAGRAM-REACTOR RECIRCN SYSTEM
0-47E800-1 ..... FLOW DIAGRAM-GENERAL PLANT SYSTEMS
2-47E800-1 ..... MECHAN CAL-SYMBOLS & FLOW DIAGRAM DRAWING INDEX
2-47E801-1 ..... FLOW DIAGRAM-MSS SYSTEM
2-47E810-1 ..... FLOW DIAGRAM-REACTOR FEEDWATER SYSTEM
2-47E810-1 ..... FLOW DIAGRAM-REACTOR WATER CLEANUP SYSTEM
2-47E811-1 ..... FLOW DIAGRAM-RHR SYSTEM
2-47E812-1 ..... FLOW DIAGRAM-HPCI SYSTEM
2-47E813-1 ..... FLOW DIAGRAM-RCIC SYSTEM
2-47E814-1 ..... FLOW DIAGRAM-CRD SYSTEM
2-47E820-1 ..... FLOW DIAGRAM-CONTROL ROD DRIVE SYSTEM
2-47E844-2 ..... FLOW DIAGRAM-RAW COOLING WATER SYSTEM
2-47E852-1 ..... FLOW DIAGRAM-FLOOR AND DIRTY RADWASTE DRAINAGE
2-47E853-2 ..... FLOW DIAGRAM-CLEAN RADWASTE SYSTEM
2-47E855-1 ..... FLOW DIAGRAM-LIQUID RADWASTE SYSTEM
2-47E865-3,-13 ..... FLOW DIAGRAM-RB HEATING & VENT. AIR FLOW
2-47E867-3 ..... FLOW DIAGRAM-SAMPLING & WATER QUALITY SYSTEM
2-47E2865-SERIES ..... FLOW DIAGRAM-RB HEATING & VENT. AIR FLOW

GENERAL ELECTRIC CO DRAWINGS:
78-0D-731 AND 3140 ..... SCHEMATIC PIPING DIAGRAM-LH & RH COOLER CONN
531E261 AND 531E267 ..... OUTLINE (PUMP DRIVE SYSTEM)
719E532-SERIES ..... PRIMARY CONTAINMENT PENETRATIONS

REV	CHANGE REF	PREPARER	CHECKER	APPROVED	DATE
010	SCN 127726	RML	DMC	R46	9.22.99

REVISED PER DCA T27726-124, 0126-000, DCN T27726

SCALE: NONE — EXCEPT AS NOTED

POWERHOUSE UNIT 2 — SYSTEM NO. (1,3,10,43)

ASME SECTION XI REACTOR WATER RECIRCN, DRAINS, VENTS AND BLOWDOWN SYSTEMS CODE CLASS BOUNDARIES

BROWNS FERRY NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY

DESIGN		INITIAL ISSUE	ENGINEERING APPROVAL
DRAFTER: PHB	CHECKER: RPZ		1 ES
DESIGNER: N/A	REVIEWER: N/A		2 GLB
DATE: 6-11-81	67	M	2-47E817-1-ISI R010	3 N/A

ISI DRAWING WAS ISSUED FOR BASELINE IWV: 2-47E817-1 REV: R047

ISSUED BY: N/A

CCD

D-23