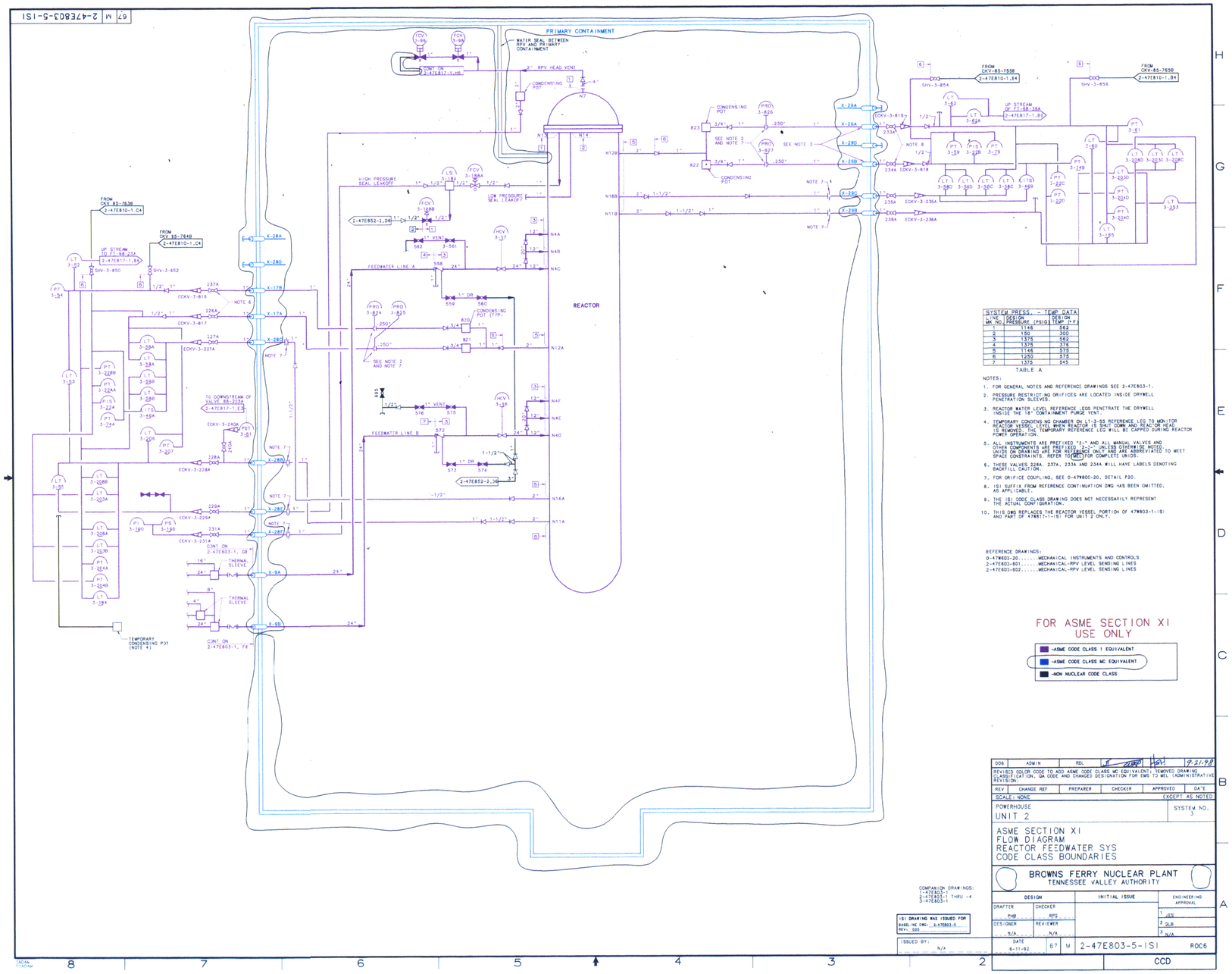

SYSTEM PRESS. - TEMP. DATA		
LINE MK NO.	DESIGN PRESSURE (PSIG)	DESIGN TEMP (°F)
1	1148	562
2	150	300
3	1375	562
4	1375	376
5	1148	575
6	1250	575
7	1375	545

TABLE A

NOTES:

1. FOR GENERAL NOTES AND REFERENCE DRAWINGS SEE 2-47E803-1.
2. PRESSURE RESTRICTING ORIFICES ARE LOCATED INSIDE DRYWELL PENETRATION SLEEVES.
3. REACTOR WATER-LEVEL REFERENCE LEGS PENETRATE THE DRYWELL INSIDE THE 18" CONTAINMENT PURGE VENT.
4. TEMPORARY CONDENSING CHAMBER ON LT-3-55 REFERENCE LEG TO MONITOR REACTOR VESSEL LEVEL WHEN REACTOR IS SHUT DOWN AND REACTOR HEAD IS REMOVED. THE TEMPORARY REFERENCE LEG WILL BE CAPPED DURING REACTOR POWER OPERATION.
5. ALL INSTRUMENTS ARE PREFIXED "2-" AND ALL MANUAL VALVES AND OTHER COMPONENTS ARE PREFIXED "2-;-" UNLESS OTHERWISE NOTED. UNITS ON DRAWING ARE FOR REFERENCE ONLY AND ARE ABBREVIATED TO MEET SPACE CONSTRAINTS. REFER TO (MC) FOR COMPLETE UNITS.
6. THESE VALVES 226A, 237A, 233A AND 234A WILL HAVE LABELS DENOTING BACKFILL CAUTION.
7. FOR ORIFICE COUPLING, SEE 0-47W600-20, DETAIL P20.
8. (S) SUFFIX FROM REFERENCE CONTINUATION DWG HAS BEEN OMITTED, AS APPLICABLE.
9. THE (S) CODE CLASS DRAWING DOES NOT NECESSARILY REPRESENT THE ACTUAL CONFIGURATION.
10. THIS DWG REPLACES THE REACTOR VESSEL PORTION OF 47W803-1-(S) AND PART OF 47W817-1-(S) FOR UNIT 2 ONLY.

REFERENCE DRAWINGS:
0-47W600-20.....MECHANICAL INSTRUMENTS AND CONTROLS
2-47E603-601.....MECHANICAL-RPV LEVEL SENSING LINES
2-47E603-602.....MECHANICAL-RPV LEVEL SENSING LINES

FOR ASME SECTION XI USE ONLY

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

COMPANION DRAWINGS:
1-47E803-1
2-47E803-1 THRU -4
3-47E803-1

(S) DRAWING WAS ISSUED FOR BASELINE SMU__2-47E803-5_____ REV._005_____

ISSUED BY: N/A

REV	CHANGE REF	PREPARER	CHECKER	APPROVED	DATE
006	ADMIN	RDL			9-21-98

REVISED COLOR CODE TO ADD ASME CODE CLASS MC EQUIVALENT. REMOVED DRAWING CLASSIFICATION, QA CODE AND CHANGED DESIGNATION FOR EMS TO MEL (ADMINISTRATIVE REVISION)

SCALE: NONE — EXCEPT AS NOTED

POWERHOUSE: UNIT 2 — SYSTEM NO. 3

ASME SECTION XI
FLOW DIAGRAM
REACTOR FEEDWATER SYS
CODE CLASS BOUNDARIES

BROWNS FERRY NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY

DESIGN		INITIAL ISSUE	ENGINEERING APPROVAL
DRAFTER FHB	CHECKER RFG		1 JCS
DESIGNER N/A	REVIEWER N/A		2 DJB
			3 N/A

DATE 6-11-92 | 67 | M | 2-47E803-5-ISI | R006

CCD

D-14

67 M 2-47E803-5-ISI