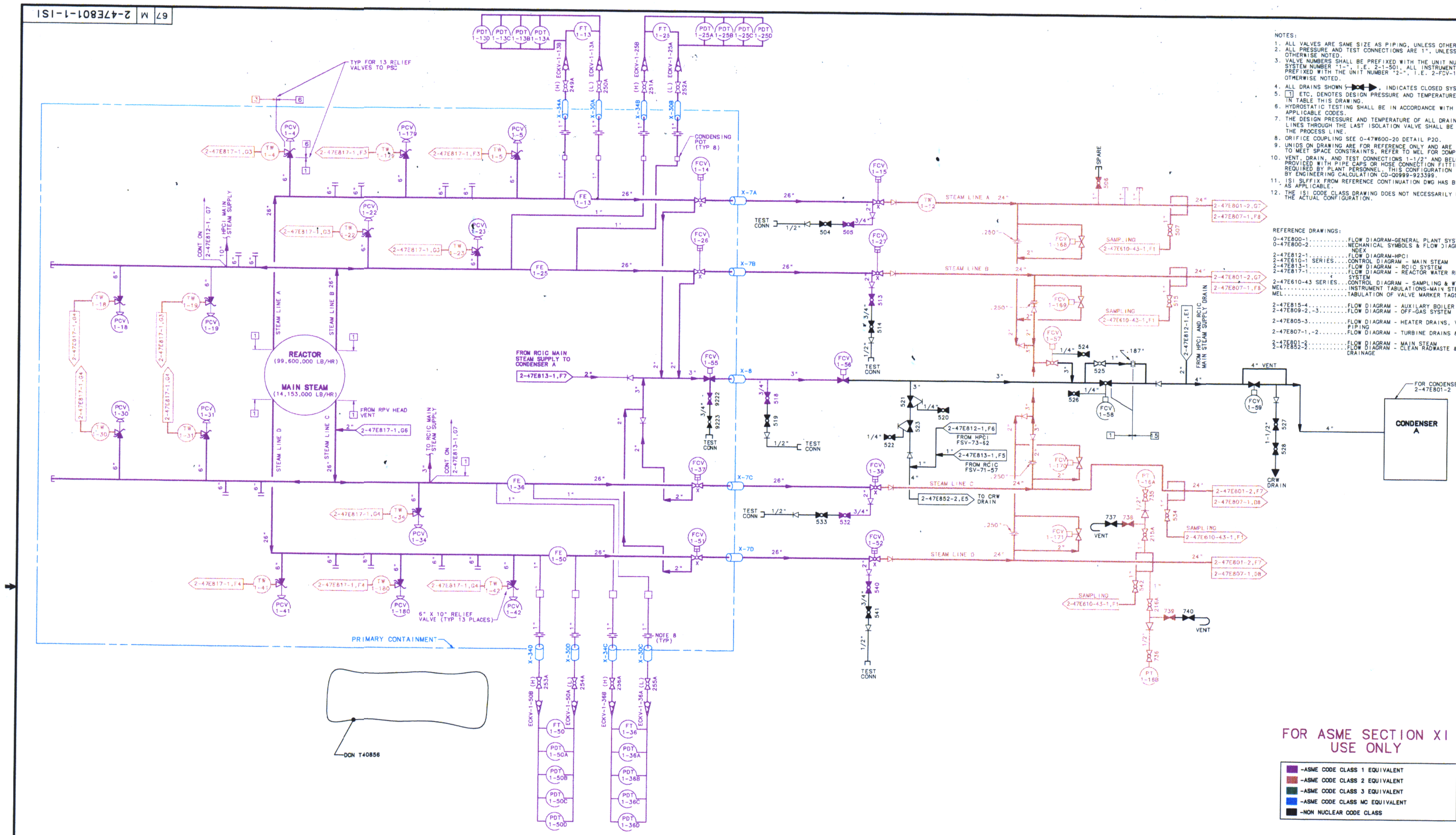
67 | M | 2-47E801-1-ISI



NOTES:

1. ALL VALVES ARE SAME SIZE AS PIPING, UNLESS OTHERWISE NOTED.
2. ALL PRESSURE AND TEST CONNECTIONS ARE 1", UNLESS OTHERWISE NOTED.
3. VALVE NUMBERS SHALL BE PREFIXED WITH THE UNIT NUMBER "2-" AND SYSTEM NUMBER "1-", I.E. 2-1-501, ALL INSTRUMENTS SHALL BE PREFIXED WITH THE UNIT NUMBER "2-", I.E. 2-FCV-1-15, UNLESS OTHERWISE NOTED.
4. ALL DRAINS SHOWN , INDICATES CLOSED SYSTEM (CRW).
5. [1] ETC, DENOTES DESIGN PRESSURE AND TEMPERATURE AS GIVEN IN TABLE THIS DRAWING.
6. HYDROSTATIC TESTING SHALL BE IN ACCORDANCE WITH THE APPLICABLE CODES.
7. THE DESIGN PRESSURE AND TEMPERATURE OF ALL DRAIN AND VENT LINES THROUGH THE LAST ISOLATION VALVE SHALL BE THE SAME AS THE PROCESS LINE.
8. ORIFICE COUPLING SEE 0-47W600-20 DETAIL P20.
9. UNIDS ON DRAWING ARE FOR REFERENCE ONLY AND ARE ABBREVIATED TO MEET SPACE CONSTRAINTS, REFER TO MEL FOR COMPLETE UNIDS.
10. 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 CD-Q0999-923399.
11. ISI SUFFIX FROM REFERENCE CONTINUATION DWG HAS BEEN OMITTED, AS APPLICABLE.
12. THE ISI CODE CLASS DRAWING DOES NOT NECESSARILY REPRESENT THE ACTUAL CONFIGURATION.

REFERENCE DRAWINGS:

0-47E800-1..........FLOW DIAGRAM-GENERAL PLANT SYSTEMS
0-47E800-2..........MECHANICAL SYMBOLS & FLOW DIAGRAM DRAWING INDEX
2-47E812-1..........FLOW DIAGRAM-HPCI
2-47E610-1 SERIES....CONTROL DIAGRAM - MAIN STEAM
2-47E813-1..........FLOW DIAGRAM - RCIC SYSTEM
2-47E817-1..........FLOW DIAGRAM - REACTOR WATER RECIRCULATION SYSTEM
2-47E610-43 SERIES...CONTROL DIAGRAM - SAMPLING & WTR QUALITY SYS
MEL..................INSTRUMENT TABULATIONS-MAIN STEAM
MEL..................TABULATION OF VALVE MARKER TAGS-MAIN STEAM
2-47E815-4..........FLOW DIAGRAM - AUXILARY BOILER SYSTEM
2-47E809-2,-3........FLOW DIAGRAM - OFF-GAS SYSTEM
2-47E805-3..........FLOW DIAGRAM - HEATER DRAINS, VENTS & MISC PIPING
2-47E807-1,-2........FLOW DIAGRAM - TURBINE DRAINS & MISC PIPING
2-47E801-2..........FLOW DIAGRAM - MAIN STEAM
2-47E852-2..........FLOW DIAGRAM - CLEAN RADWASTE & DECON DRAINAGE

FOR ASME SECTION XI USE ONLY

- ASME CODE CLASS 1 EQUIVALENT
- ASME CODE CLASS 2 EQUIVALENT
- ASME CODE CLASS 3 EQUIVALENT
- ASME CODE CLASS MC EQUIVALENT
- NON NUCLEAR CODE CLASS

SYSTEM PRESS.- TEMP DATA

LINE MK NO.	DESIGN PRESSURE (PSIG)	DESIGN TEMP (°F)
1	1,146	562
2	1,045	550
3	625	500
4	150	500
5	860	540
6	1,250	575
7	273	415
8	310	423
9	263	410
10	268	412
11	258	409
12	254	407
13	278	415
14	275	400
15	400	450
16	150	400

COMPANION DRAWING:
1,3-47E801-1,-2
2-47E801-2
1,3-47E801-1-ISI
1,2,3-47E801-2-ISI

ISI DRAWING WAS ISSUED FOR BASELINE DWG: 2-47E801-1 REV: 018

ISSUED BY: N/A

REV	CHANGE REF	PREPARER	CHECKER	APPROVED	DATE
011	DCN T40856	TCB	DMC	RLD/H	9-7-99

REVISED PER DCA-T40856-002-000, DCN T40856.

SCALE: NONE EXCEPT AS NOTED

POWERHOUSE
UNIT 2

SYSTEM NO. 01

ASME SECTION XI
MAIN STEAM SYSTEM
CODE CLASS BOUNDARIES

BROWNS FERRY NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY

DESIGN — DRAFTER: PHB; CHECKER: RPG; DESIGNER: N/A; REVIEWER: N/A

INITIAL ISSUE

ENGINEERING APPROVAL: 1 JES; 2; 3 GLB

DATE 6-11-91 | 67 | M | 2-47E801-1-ISI | R011

CCD

PCADAM

D-11