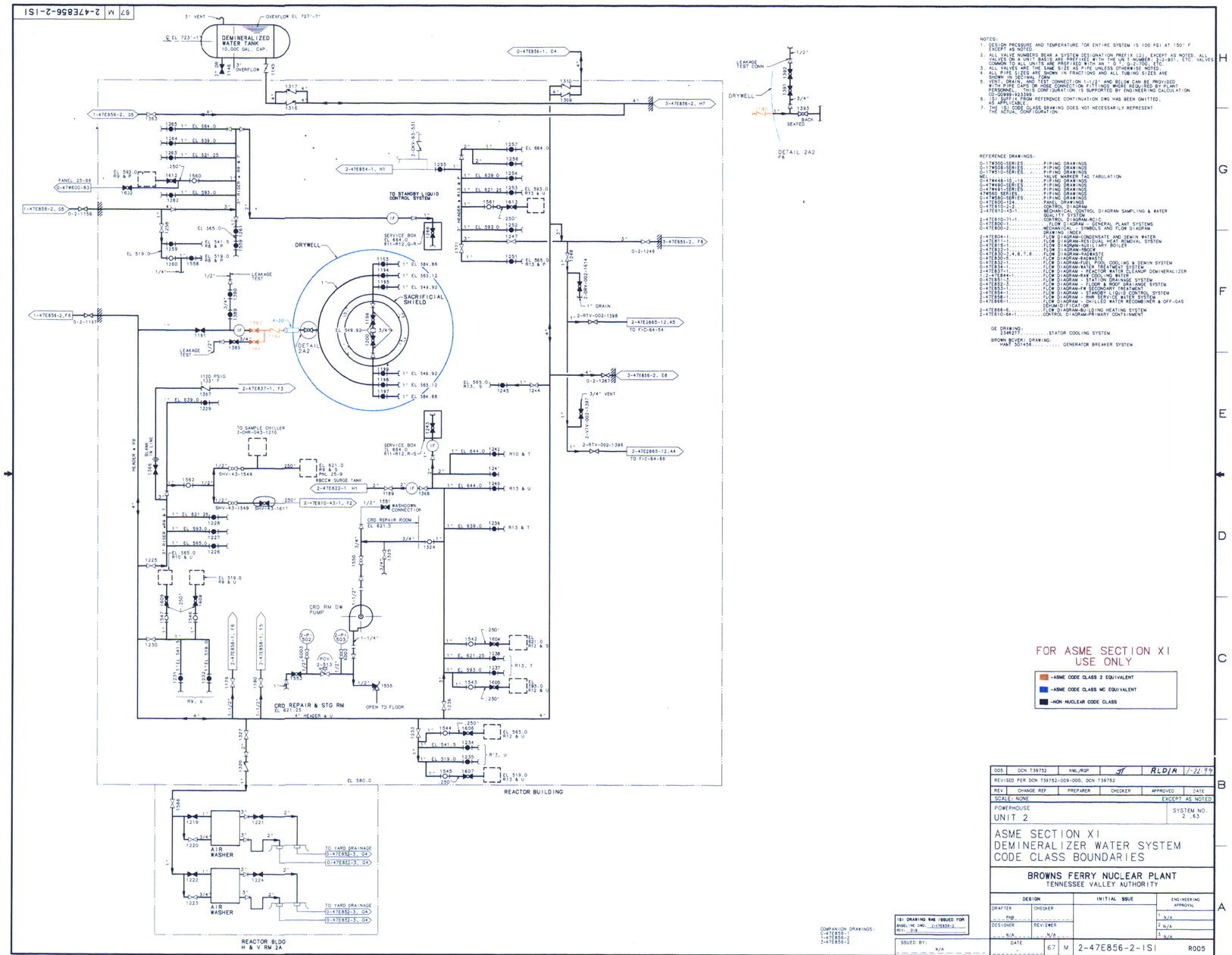
67 M 2-47E856-2-ISI



NOTES:
1. DESIGN PRESSURE AND TEMPERATURE FOR ENTIRE SYSTEM IS 100 PSI AT 150° F EXCEPT AS NOTED.
2. ALL VALVE NUMBERS BEAR A SYSTEM DESIGNATION PREFIX (2), EXCEPT AS NOTED. ALL VALVES ON A UNIT BASIS ARE KEYED WITH THE UNIT NUMBER (2-xx-90?, ETC). VALVES ON COMMON SYSTEMS ARE PREFIXED BY "0" (0-xx-90?, ETC).
3. ALL VALVES ARE THE SAME SIZE AS PIPE UNLESS OTHERWISE NOTED.
4. ALL PIPE SIZES ARE SHOWN IN FRACTIONS AND ALL TUBING SIZES ARE SHOWN IN DECIMAL FORM.
5. VENT, DRAIN, AND TEST CONNECTION 1-1/2" AND BELOW CAN BE PROVIDED WITH PIPE CAPS OR HOSE CONNECTION FITTINGS, WHERE REQUIRED BY PLANT PERSONNEL. CAP OR CONFIGURATION IS SUPPORTED BY ENGINEERING CALCULATION CDI-00999-1633396.
6. 'ISI' SUFFIX FROM REFERENCE CONTINUATION DWG HAS BEEN OMITTED, AS APPLICABLE.
7. THE ISI CODE CLASS DRAWING DOES NOT NECESSARILY REPRESENT THE ACTUAL CONFIGURATION.

REFERENCE DRAWINGS:
0-17W300-SERIES.....PIPING DRAWINGS
0-17W508-SERIES.....PIPING DRAWINGS
0-17W510-SERIES.....PIPING DRAWINGS
MEI-0002.....VALVE MARKER TAG TABULATION
0-47W448-10, -18.....PIPING DRAWINGS
0-47W490-SERIES.....PIPING DRAWINGS
0-47W491-SERIES.....PIPING DRAWINGS
47W560 SERIES.....PIPING DRAWINGS
0-47W580-SERIES.....PIPING DRAWINGS
0-47E600-124.....CONTROL DIAGRAM
2-47E610-43-1.....MECHANICAL CONTROL DIAGRAM SAMPLING & WATER QUALITY SYSTEM
2-47E610-71-1.....CONTROL DIAGRAM-RCIC
0-47E800-1.....FLOW DIAGRAM - GENERAL PLANT SYSTEMS
0-47E800-2.....MECHANICAL SYMBOLS AND FLOW DIAGRAM LEGEND AND INDEX
2-47E804-1.....FLOW DIAGRAM-CONDENSATE AND DEMIN WATER
2-47E811-1.....FLOW DIAGRAM-RESIDUAL HEAT REMOVAL SYSTEM
2-47E815-1.....FLOW DIAGRAM-AUXILIARY BOILER
2-47E822-1.....FLOW DIAGRAM-RADWASTE
2-47E832-2, -4,6,7,8.....FLOW DIAGRAM-RADWASTE
0-47E850-2.....FLOW DIAGRAM-RADWASTE
0-47E852-1.....FLOW DIAGRAM-FUEL POOL COOLING & DEMIN SYSTEM
0-47E854-1.....FLOW DIAGRAM-WATER TREATMENT SYSTEM
2-47E837-1.....FLOW DIAGRAM-REACTOR WATER CLEANUP DEMINERALIZER
0-47E851-1.....FLOW DIAGRAM-CHEMICAL FEED
0-47E851-2.....FLOW DIAGRAM - STATION DRAINAGE SYSTEM
0-47E852-3.....FLOW DIAGRAM - FLOOR & ROOF DRAINAGE SYSTEM
0-47E853-1.....FLOW DIAGRAM-FW SECONDARY TREATMENT
2-47E854-1.....FLOW DIAGRAM - STANDBY LIQUID CONTROL SYSTEM
2-47E855-1.....FLOW DIAGRAM - MAIN STEAM & FEEDWATER
0-47E856-1.....FLOW DIAGRAM - CHILLED WATER RECOMBINER & OFF-GAS DEHUMIDIFICATION
2-47E856-6.....FLOW DIAGRAM-BUILDING HEATING SYSTEM
2-47E610-64-1.....CONTROL DIAGRAM-PRIMARY CONTAINMENT

GE DRAWING:
234E277.....STATOR COOLING SYSTEM

BROWN BOVERI DRAWING:
HANT 301456.....GENERATOR BREAKER SYSTEM

FOR ASME SECTION XI USE ONLY
- ASME CODE CLASS 2 EQUIVALENT
- ASME CODE CLASS MC EQUIVALENT
- NON NUCLEAR CODE CLASS

COMPANION DRAWINGS:
1-47E856-1
1-47E856-2
3-47E856-2

ISI DRAWING WAS ISSUED FOR BASELINE ENG: 1-47E856-2 REV: 318

ISSUED BY: N/A

DCN	REVISED PER DCN T39752-009-000, DCN T39752	PREPARER	CHECKER	APPROVED	DATE
005	DCN T39752	KML/RGP	JT	RLD/A	1-22-99

SCALE: NONE — EXCEPT AS NOTED

POWERHOUSE UNIT 2 — SYSTEM NO. 2,63

ASME SECTION XI DEMINERALIZER WATER SYSTEM CODE CLASS BOUNDARIES

BROWNS FERRY NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY

DESIGN		INITIAL ISSUE	ENGINEERING APPROVAL
DRAFTER	CHECKER		1 N/A
DESIGNER	REVIEWER		2 N/A
N/A	N/A		3 N/A
DATE	67 M	2-47E856-2-ISI	R005
		CCD	

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