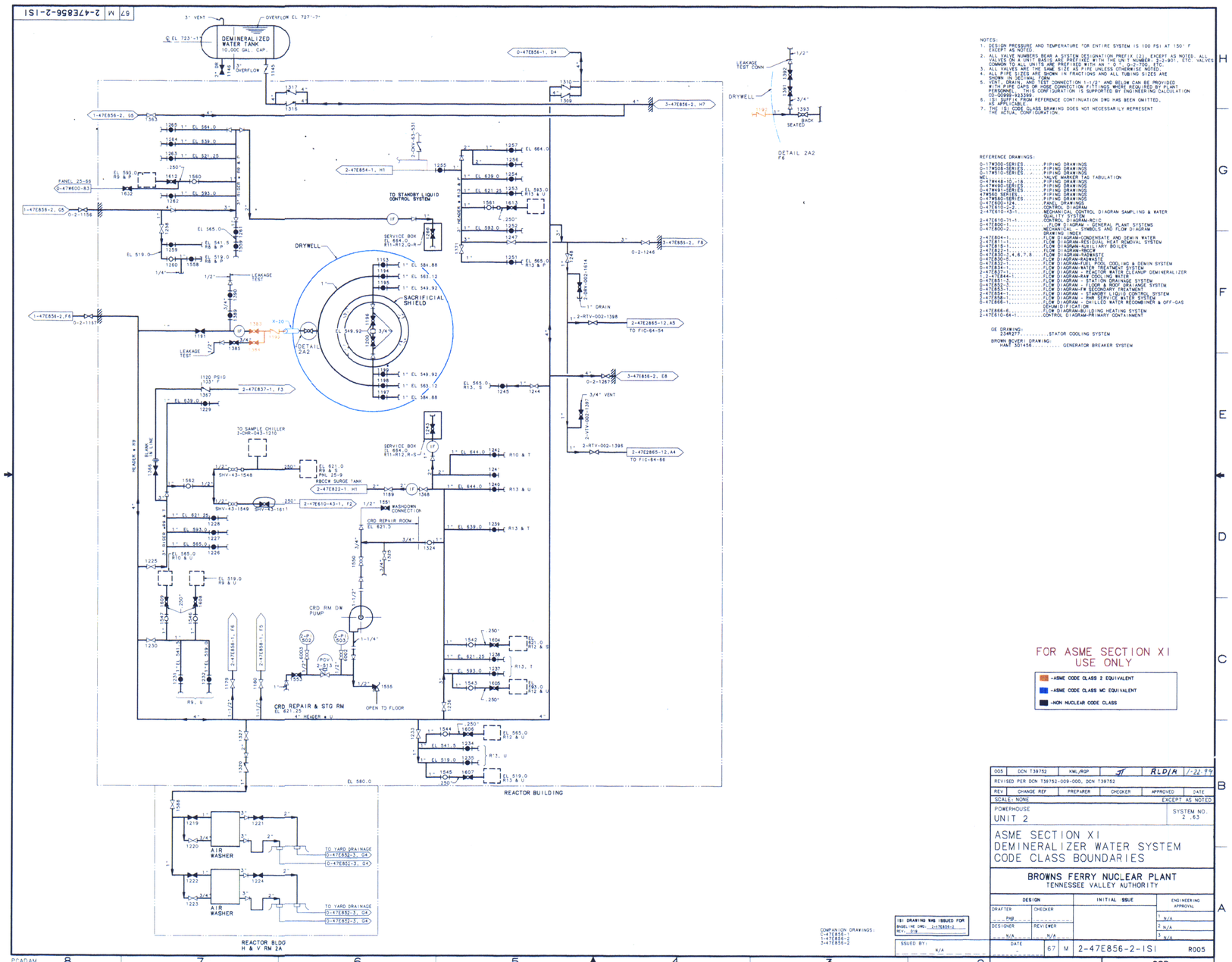

NOTES:

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 PREFIXED WITH THE UNIT NUMBER (1,2,3). ETC. VALVES ON A COMMON BASIS ARE PREFIXED WITH "0" (ZERO).
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 SAMPLE CAPS OR HOSE CONNECTION FITTINGS, MORE REQUIRED BY PLANT PERSONNEL. THIS CONFIGURATION IS SUPPORTED BY ENGINEERING CALCULATION CD-00999-933399.
6. (3) SUFFIX FROM REFERENCE CONTINUATION DWG HAS BEEN OMITTED, AS APPLICABLE.
7. THE (S) CODE CLASS DRAWING DOES NOT NECESSARILY REPRESENT THE ACTUAL CONFIGURATION.

REFERENCE DRAWINGS:

0-17N300-SERIES.....PIPING DRAWINGS
0-17N508-SERIES.....PIPING DRAWINGS
0-17N510-SERIES.....PIPING DRAWINGS
MC-.....VALVE MARKER TAG TABULATION
0-47N448-10,-18.....PIPING DRAWINGS
0-47N490-SERIES.....PIPING DRAWINGS
0-47N491-SERIES.....PIPING DRAWINGS
47N500 SERIES.....PIPING DRAWINGS
0-47N580-SERIES.....PIPING DRAWINGS
0-47E600-124.....CONTROL DIAGRAM
0-47E600-83.....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 INDEX
2-47E804-1.....FLOW DIAGRAM-CONDENSATE AND DEMIN WATER
2-47E811-1.....FLOW DIAGRAM-RESIDUAL HEAT REMOVAL SYSTEM
2-47E815-1.....FLOW DIAGRAM-AUXILARY BOILER
2-47E822-1.....FLOW DIAGRAM-RBCCW
2-47E830-1,-4,6,7,8.....FLOW DIAGRAM-RADWASTE
0-47E830-2.....FLOW DIAGRAM-RADWASTE
0-47E832-1.....FLOW DIAGRAM-FUEL POOL COOLING & DEMIN SYSTEM
2-47E834-1.....FLOW DIAGRAM-WATER TREATMENT SYSTEM
2-47E837-1.....FLOW DIAGRAM - REACTOR WATER CLEANUP DEMINERALIZER
0-47E840-1.....FLOW DIAGRAM - CHLORINE SYSTEM
0-47E851-1.....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 - CONDENSATE & FEEDWATER
0-47E858-1.....FLOW DIAGRAM - CHILLED WATER RECOMBINER & OFF-GAS DEHUMIDIFICATION
2-47E866-6.....FLOW DIAGRAM-BUILDING HEATING SYSTEM
2-47E610-64-1.....CONTROL DIAGRAM-PRIMARY CONTAINMENT

GE DRAWING:
234B277.....STATOR COOLING SYSTEM

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

FOR ASME SECTION XI USE ONLY

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

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

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 Pwg	CHECKER		N/A
DESIGNER N/A	REVIEWER N/A		N/A
			N/A

DATE 67 M 2-47E856-2-ISI R005

CCD

COMPANION DRAWINGS:
0-47E856-1
1-47E856-2
3-47E856-2

ISI DRAWING WAS ISSUED FOR BASELINE (ING): 1-47E856-2
REV: 019

ISSUED BY: N/A

PCADAM

D-32