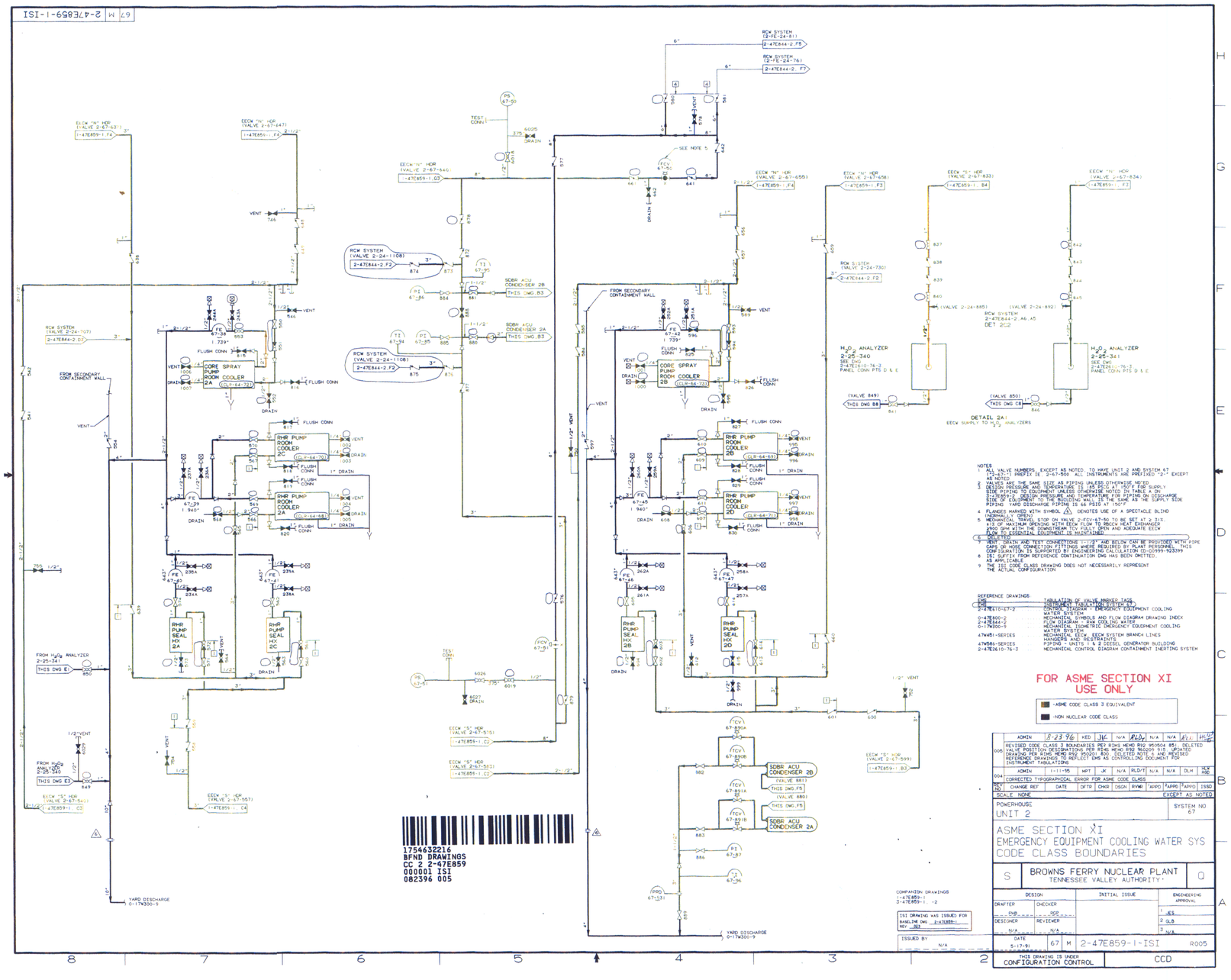
67 M 2-47E859-1-ISI



NOTES
1. ALL VALVE NUMBERS, EXCEPT AS NOTED, TO HAVE UNIT 2 AND SYSTEM 67 AS THE PREFIX IE. 2-67-500. ALL INSTRUMENTS ARE PREFIXED "2-" EXCEPT AS NOTED.
2. VALVES ARE THE SAME SIZE AS PIPING UNLESS OTHERWISE NOTED.
3. DESIGN PRESSURE AND TEMPERATURE IS 68 PSIG AT 150°F FOR SUPPLY SIDE PIPING TO EQUIPMENT UNLESS OTHERWISE NOTED IN TABLE A IN 2-47E859-2. DESIGN PRESSURE AND TEMPERATURE FOR PIPING ON DISCHARGE SIDE OF EQUIPMENT TO YARD DISCHARGE IS THE SAME AS THE SUPPLY SIDE PIPING. YARD DISCHARGE PIPING IS 66 PSIG AT 150°F.
4. FLANGES MARKED WITH SYMBOL ⚠ DENOTES USE OF A SPECTACLE BLIND (NORMALLY OPEN)
5. MECHANICAL TRAVEL STOP ON VALVE 2-FCV-67-50 TO BE SET AT 2.3 IN. #15 OF MAXIMUM OPENING WITH EECW FLOW TO BROCK HEAT EXCHANGER 3900 GPM WITH THE DOWNSTREAM TCV FULLY OPEN AND ADEQUATE EECW FLOW TO ESSENTIAL EQUIPMENT IS MAINTAINED.
6. ISI SUFFIX FROM REFERENCE COMBINATION DWG HAS BEEN OMITTED AS APPLICABLE
7. 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-CD999-923399
8. ISI SUFFIX FROM REFERENCE COMBINATION DWG HAS BEEN OMITTED AS APPLICABLE
9. THE ISI CODE CLASS DRAWING DOES NOT NECESSARILY REPRESENT THE ACTUAL CONFIGURATION

REFERENCE DRAWINGS:

DNS	TABULATION OF VALVE MARKER TAGS
CSS	INSTRUMENT TABULATION SYSTEM 67
2-47E610-67-2	CONTROL DIAGRAM - EMERGENCY EQUIPMENT COOLING WATER SYSTEM
0-47E800-2	MECHANICAL SYMBOLS AND FLOW DIAGRAM DRAWING INDEX
2-47E844-2	FLOW DIAGRAM - RAW COOLING WATER
0-17K300-9	MECHANICAL SYMBOLS BASIC EMERGENCY EQUIPMENT COOLING WATER SYSTEM
47W451-SERIES	MECHANICAL EECW, EECW SYSTEM BRANCH LINES HANGERS AND RESTRAINTS
47W586-SERIES	PIPING - UNITS 1 & 2 DIESEL GENERATOR BUILDING
2-47E261-76-2	MECHANICAL CONTROL DIAGRAM CONTAINMENT INERTING SYSTEM

FOR ASME SECTION XI USE ONLY

- -ASME CODE CLASS 3 EQUIVALENT
- -NON NUCLEAR CODE CLASS

COMPANION DRAWINGS
1-47E859-1
3-47E859-1, -2

ISI DRAWING WAS ISSUED FOR BASELINE DWG 2-47E859-1 REV 3R3

ISSUED BY N/A

REV NO	CHANGE REF	DATE	DFTR	CHKR	DSGN	RVWR	APPD	APPD	APPD	ISSD
005	REVISED CODE CLASS 3 BOUNDARIES PER RIMS MEMO R92 951604 851 DELETED VALVE POSITION DESIGNATIONS PER RIMS MEMO R92 960205 945 UPDATED REFERENCE DRAWINGS TO REFLECT DNS AS CONTROLLING DOCUMENT FOR INSTRUMENT TABULATIONS	ADMIN	5-23-96	KED	JJC	N/A	HLD	N/A	N/A	AJV	HLC RDD
004	CORRECTED TYPOGRAPHICAL ERROR FOR ASME CODE CLASS	ADMIN	1-11-95	WPT	JK	N/A	PLDT	N/A	N/A	DLM	HLC RDD

SCALE NONE — EXCEPT AS NOTED

POWERHOUSE UNIT 2 — SYSTEM NO 67

ASME SECTION XI
EMERGENCY EQUIPMENT COOLING WATER SYS
CODE CLASS BOUNDARIES

S — BROWNS FERRY NUCLEAR PLANT, TENNESSEE VALLEY AUTHORITY — Q

DESIGN		INITIAL ISSUE	ENGINEERING APPROVAL
DRAFTER PHB	CHECKER SSS		1 KES
DESIGNER N/A	REVIEWER N/A		2 GLB 3 N/A
DATE 5-17-91	67 M 2-47E859-1-ISI		R005

THIS DRAWING IS UNDER CONFIGURATION CONTROL — CCD

COMMENT= SBORP-BFCA09 SCALE= 0.4950 DRAWID=247E859-1-ISI 0050 LAST FILE=962216 02
GROUP=AA67 DATE= 4-16-96 ACCESS=NONE
DGN= 247E859-1-16 02
LOGIN ID=BFCA09
PLOT= 2

D-34