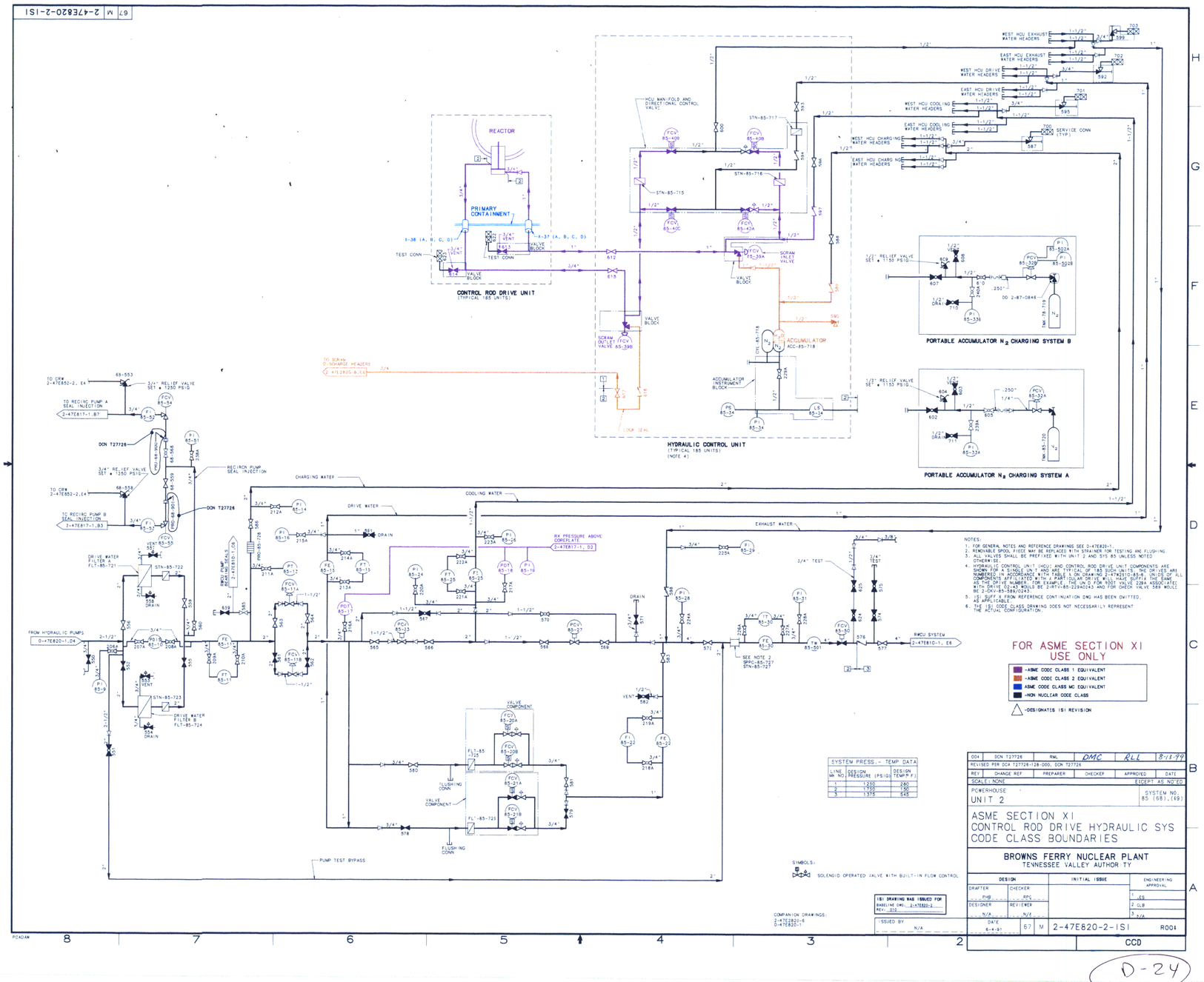

NOTES:

1. FOR GENERAL NOTES AND REFERENCE DRAWINGS SEE 0-47E820-1.
2. REMOVABLE SPOOL PIECE MAY BE REPLACED WITH STRAINER FOR TESTING AND FLUSHING.
3. ALL VALVES SHALL BE PREFIXED WITH UNIT 2 AND SYS 85 UNLESS NOTED OTHERWISE.
4. HYDRAULIC CONTROL UNIT (HCU) AND CONTROL ROD DRIVE UNIT COMPONENTS ARE SHOWN FOR A SINGLE UNIT AND ARE TYPICAL OF 185 SUCH UNITS. THE DRIVES ARE NUMBERED IN ACCORDANCE WITH TABLE 1 ON DRAWING 2-47W231-85-6. UNLESS OF ALL COMPONENTS AFFILIATED WITH A PARTICULAR DRIVE WILL HAVE SUFFIX THE SAME AS THE DRIVE NUMBER. FOR EXAMPLE, THE UNION ROOT VALVE 229A ASSOCIATED WITH DRIVE 02-43 WOULD BE 2-RTV-85-229A0243 AND FOR CHECK VALVE 589 WOULD BE 2-CKV-85-589/0243.
5. ISI SUFFIX FROM REFERENCE CONTINUATION DWG HAS BEEN OMITTED, AS APPLICABLE.
6. THE ISI CODE CLASS DRAWING DOES NOT NECESSARILY REPRESENT THE ACTUAL CONFIGURATION.

FOR ASME SECTION XI USE ONLY

- ASME CODE CLASS 1 EQUIVALENT
- ASME CODE CLASS 2 EQUIVALENT
- ASME CODE CLASS MC EQUIVALENT
- NON NUCLEAR CODE CLASS
- △ -DESIGNATES ISI REVISION

SYSTEM PRESS.- TEMP DATA

LINE NO.	DESIGN PRESSURE (PSIG)	DESIGN TEMP (°F)
1	1250	280
2	1750	150
3	1375	545

SYMBOLS:
SOLENOID OPERATED VALVE WITH BUILT-IN FLOW CONTROL

COMPANION DRAWINGS:
2-47E2820-6
0-47E820-1

ISI DRAWING WAS ISSUED FOR BASELINE DWG. 2-47E820-2 REV. 010

ISSUED BY N/A

REV	CHANGE REF	PREPARER	CHECKER	APPROVED	DATE
004	DCN T27726	RML	DMC	RLL	8-13-99

REVISED PER DCA T27726-128-000, DCN T27726

SCALE: NONE — EXCEPT AS NOTED

POWERHOUSE UNIT 2 — SYSTEM NO. 85 (68),(69)

ASME SECTION XI
CONTROL ROD DRIVE HYDRAULIC SYS
CODE CLASS BOUNDARIES

BROWNS FERRY NUCLEAR PLANT
TENNESSEE VALLEY AUTHORITY

DESIGN		INITIAL ISSUE	ENGINEERING APPROVAL
DRAFTER PHB	CHECKER RPC		1 ES
DESIGNER N/A	REVIEWER N/A		2 GLB
			3 N/A

DATE 6-4-91 — 67 M — 2-47E820-2-1S1 — R004

CCD

D-24