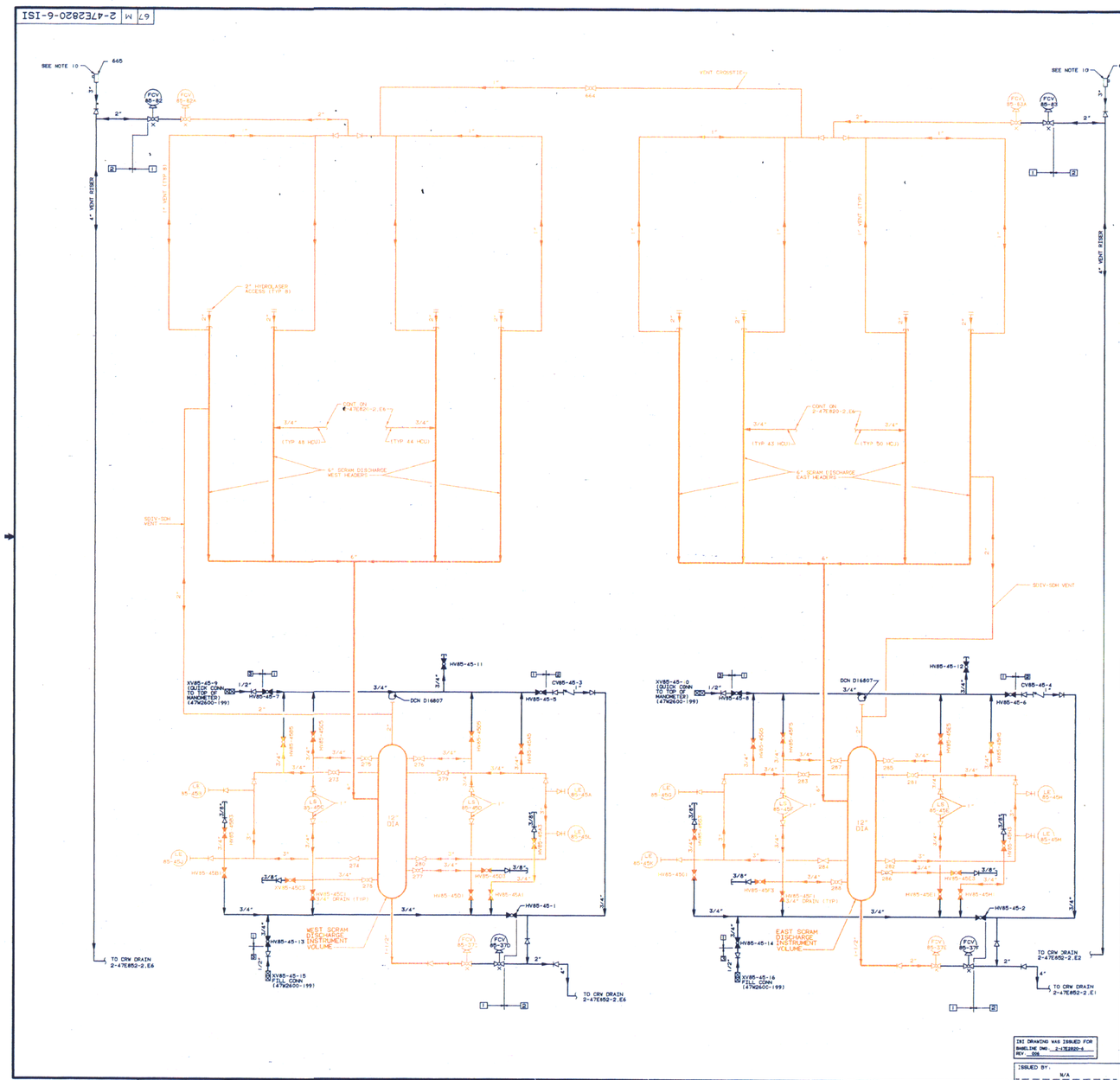
67 M 2-47E2820-6-ISI




NOTES:

1. CRW DRAINS ARE CONNECTED TO REACTOR BUILDING EQUIPMENT DRAIN SUMP.
2. DRW DRAIN IS CONNECTED TO REACTOR BUILDING FLOOR DRAIN SUMP.
3. ALL VENTS AND DRAINS SHOWN —▶◀— INDICATES CLOSED SYSTEM. VENTS AND DRAINS SHOWN —▶▽◀— INDICATES OPEN SYSTEM.
4. ALL VALVES ARE THE SAME SIZE AS PIPING, UNLESS OTHERWISE NOTED.
5. ROD VALVES FOR INSTRUMENT CONNECTIONS ARE 3/4" UNLESS OTHERWISE NOTED.
6. ALL VALVES SHALL BE TAGGED. VALVE NUMBERS SHALL BE PREFIXED WITH THE UNIT NUMBER AND 2-85-501. A TYPICAL HYDRAULIC CONTROL UNITS ARE NUMBERED 1 THRU 185. ALL VALVES AFFILIATED WITH A PARTICULAR HCU WILL HAVE A SUFFIX NUMBER THE SAME AS THE HCU NUMBER. THE NUMBER SHOWN IN PARENTHESIS IS THE RANGE OF NUMBERS ASSIGNED TO A PARTICULAR VALVE I.E. 2-85-501(1)
7. [1] ETC. - DENOTES DESIGN PRESSURE AND TEMPERATURE AS GIVEN IN TABLE THIS DRAWING.
8. HYDROSTATIC TESTING SHALL BE IN ACCORDANCE WITH THE APPLICABLE CODES.
9. THE DESIGN PRESSURE AND TEMPERATURE OF ALL DRAIN AND VENT LINES THROUGH THE LAST ISOLATION VALVE SHALL BE THE SAME AS THE PROCESS LINE.
10. VACUUM BREAKER VALVE OPENS AT 0.2 PSID MAXIMUM.
11. VALVE DENOTED THUSLY ⊠ FAILS CLOSED.
12. ⊠ DENOTES SELF SEALING QUICK DISCONNECT.
13. ALL VALVES ARE PREFIXED 2-85 UNLESS OTHERWISE NOTED. ALL INSTRUMENTS ARE PREFIXED 2- UNLESS OTHERWISE NOTED.
14. [B] SUFFIX FROM REFERENCE CONTINUATION DWG HAS BEEN OMITTED, AS APPLICABLE.
15. THE ISI CODE CLASS DRAWING DOES NOT NECESSARILY REPRESENT THE ACTUAL CONFIGURATION.

REFERENCE DRAWINGS:

| | |
|---|---|
| 2-47E852-2 | FD - CLEAN RADWASTE & DECONTAMINATION DRAIN |
| 2-47E381-2-85-5 | UNIT 2 S.C.D. CONTROL DIAGRAM |
| 2-47W2600-85 | UNIT 2 MECHANICAL P&ID |
| 2-47W2600-199 | UNITS 1-3 INSTRUMENT TABULATION |
| 2-47A366-SERIES | VALVE MARKER TAG TABULATION |
| 2-47A366-85-SERIES | VALVE MARKER TAG TABULATION |
| 0-47A365-85-SERIES | VALVE MARKER TAG TABULATION |
| 2-47A366-85-SERIES | VALVE MARKER TAG TABULATION |
| 47W2600-199 | UNITS 1-3 INSTRUMENT TABULATION |
| 47E800-1 | FLOW DIAGRAM - GENERAL PLANT SYSTEMS |
| 0-47E800-2 | MECHANICAL SYMBOLS & FLOW DIAGRAM DWG INDEX |

GENERAL ELECTRIC CO. DRAWINGS:

| | |
|---|---|
| 729E145 | PIPING AND INSTRUMENT DIAGRAM |
| 730E145 | PIPING AND INSTRUMENT DIAGRAM |

REACTOR CONTROLS, INC. DRAWINGS:

| | |
|---|---|
| BF-001 | FLOW DIAGRAM |

| SYSTEM PRESS - TEMP DATA | | |
|---|---|---|
| LINE NW NO | DESIGN PRESSURE (PSIG) | DESIGN TEMP (°F) |
| 1 | 1250 | 280 |
| 2 | 0 | 280 |
| 3 | 100 | 150 |

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BFND DRAWINGS
CC 2 2-47E2820
000006 ISI
082594 001

FOR ASME SECTION XI USE ONLY

-ASME CODE CLASS 2 EQUIVALENT
-NON NUCLEAR CODE CLASS

| DOI | ISI | 8-25-94 | MPT | JK | NA | JTL | RWC | DEC VER |
|---|---|---|---|---|---|---|---|---|
| REV NO | REVISED TO UPDATE ISI BOUNDARY TO MATCH CURRENT CONFIGURATION. CHANGE REF | DATE | DFTR | CHKR | DSGN | RVWR | APPD | APPD | APPD | ISSD |

SCALE NONE — EXCEPT AS NOTED

POWERHOUSE UNIT 2 — SYSTEM NO 85

# ASME SECTION XI CONTROL ROD DRIVE HYDRAULIC SYSTEM CODE CLASS BOUNDARIES

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

| DESIGN | | INITIAL ISSUE | ENGINEERING APPROVAL |
|---|---|---|---|
| DRAFTER | CHECKER | | 1 JCB |
| PHP | RPC | | 2 GLB |
| DESIGNER | REVIEWER | | 3 N/A |
| N/A | N/A | | |
| DATE 6-4-91 | 67 M 2-47E2820-6-ISI R001 | | |

THIS DRAWING IS UNDER CONFIGURATION CONTROL — CCD

ISI DRAWING WAS ISSUED FOR BASELINE DWG 2-47E2820-6 REV 006

ISSUED BY: N/A

D-39