



LEGEND

- ASME SECTION XI CLASS 1 PIPING (RED)
- ASME SECTION XI CLASS 2 PIPING (BLUE)
- ASME SECTION XI CLASS 3 PIPING (GREEN)
- REFERENCE & CONTINUITY
- HVAC DUCT

- REFERENCE TO THE PIPING ISOMETRIC DRAWING FOR DETAILS ON THE PIPING CONFIGURATION, AND THE LOCATION AND IDENTIFICATION OF WELDS AND SUPPORTS.
- RESERVED FOR SPECIAL ISI REQUIREMENTS. (MAY BE) ACCOMPANIED BY SPECIFIC NOTES.
- REFERENCE TO THE ISI ITEM NUMBER DESIGNATION USED IN THE FIRST 10 YEAR INSERVICE INSPECTION INTERVAL.
- ASME SECTION XI CLASS CHANGE
- ISI PROGRAM BOUNDARY

NOTES:

- DELETED
- FOR ISI BOUNDARY DIAGRAM INDEX SHEET AND GENERAL NOTES, SEE ISID2-001.
- FOR PIPING SYMBOLS AND P & ID INDEX, SEE DRAWING M-001.
- UNLESS OTHERWISE NOTED, ALL VENT CONNECTIONS ARE 1/2" AND DRAIN CONNECTIONS ARE 1". LINE IDENTIFICATION IS THE SAME AS THE HEADER.
- FOR ISI PURPOSES ONLY THE CLASS 1 PIPING SYSTEMS SUPPLIED BY B & W HAVE BEEN ASSIGNED THE FOLLOWING LINE DESIGNATIONS WHICH ARE SIMILAR TO BUT ARE NOT TO BE CONFUSED WITH MGT/602 DESIGNATIONS:
36"-CBA-1,6
28"-CBA-2 TO 5.7 TO 10
10"-BCA-1
2 1/2"-BCA-2 & 3
- THE FOLLOWING LINE NUMBERS ARE ASSOCIATED WITH THE TE-ITEM NUMBERS LISTED:

| LINE NO. | TE ITEM NO. |
|--------------|-------------|
| 36"-CBA-1 | RCB-0 |
| 28"-CBA-2 | RCB-3 |
| 28"-CBA-3 | RCB-4 |
| 28"-CBA-4 | RCB-5 |
| 28"-CBA-5 | RCB-6 |
| 36"-CBA-6 | RCA-0 |
| 28"-CBA-7 | RCA-1 |
| 28"-CBA-8 | RCA-3 |
| 28"-CBA-9 | RCA-2 |
| 28"-CBA-10 | RCA-4 |
| 10"-BCA-1 | PZ-0 |
| 2 1/2"-BCA-2 | PZ-7 |
| 2 1/2"-BCA-3 | PZ-7A |

- RC46 MAY BE CLOSED IF LEAKAGE EXISTS.
- THE INSTRUMENTATION VALVES OFF THE REACTOR COOLANT SYSTEM PIPING ARE SHOWN ON P & ID M-030B. THE ISI CLASS 1 BOUNDARY EXTENDS TO THE SECOND VALVE OFF THE PIPING.
- WHERE NOTED THE TANK CAPACITY IS NOMINAL. WHERE APPLICABLE, SEE DB-PF-06705 (TANK LEVEL CALIBRATION CURVES) FOR INDICATED LEVEL VS. VOLUME RELATIONSHIP. (REF. PCAOR 96-0976).

D-017

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|---|---|------|------------------|-------|
| 9 | INC. DCM ISID2-30A-12 PER DCM 01-1685 | SBW | | |
| 8 | INC. DCM ISID2-30A-9 PER DCM 00-2285 (REF. RFA 00-0287) | | INITIALS ON FILE | |
| 7 | INC. DCM ISID2-030A-8 PER DCM 00-1766 | | INITIALS ON FILE | |
| 6 | INC. DCM ISID2-030A-7 PER DCM 89-0001 | | INITIALS ON FILE | |
| 5 | INC. DCM ISID2-30A-6 PER DCM 87-0187 | JJK | TRN | WGP |
| 4 | ISSUED FOR SECOND YEAR ISI PROGRAM | RUC | WGP | EEC |
| NO. | DATE | BY | CHK'D | ENGR. |
| DATE | DESIGNED | DATE | DATE | DATE |
| DAVIS-BESSE NUCLEAR POWER STATION UNIT NO. 1 | | | | |
| INSERVICE INSPECTION DIAGRAM REACTOR COOLANT SYSTEM | | | | |
| ISID2-030A | | | | |
| 9 | | | | |

