



**LEGEND**

— ASME SECTION XI CLASS 1 PIPING  
 - - - ASME SECTION XI CLASS 2 PIPING  
 ..... ASME SECTION XI CLASS 3 PIPING  
 - - - NON-ISI NUCLEAR CLASS AND HSC CLASS  
 - - - PRESSURE BOUNDARY EXTENSION  
 - - - REFERENCE & CONTINUITY  
 D-D HVAC DUCT

A ANCHOR  
 CS CONSTANT SPRING HANGER  
 VS VARIABLE SPRING HANGER  
 HS HYDRAULIC SHOCKER  
 MS MECHANICAL SHOCKER  
 NS NON-WELDED SUPPORT ATTACHMENT  
 W WELDED INTEGRAL SUPPORT ATTACHMENT  
 R RIGID SUPPORT  
 T SWAY STRUT  
 SW SHOP WELD  
 FW FIELD WELD  
 LW LONGITUDINAL WELD  
 VOL WELDLET

ISI ITEM NUMBER DESIGNATION USED IN THE FIRST 10 YEAR INSERVICE INSPECTION INTERVAL.

**NOTES:**

1. MULTIPLE SWAY STRUTS, SPRING SUPPORTS OR SHOCKERS IN A SINGLE PIPING SUPPORT ARE SHOWN BY A NUMBER BEFORE THE SUPPORT TYPE. (EXAMPLE: 2MS - TWO HYDRAULIC TYPE SHOCKERS THAT ARE NOT WELDED INTEGRAL TO THE PIPE).

2. THE COMPONENT COOLING WATER LINES 10"-HBB-1, 12"-HBB-1, 10"-HBB-12, 12"-HBB-12, 12"-HBB-4, 12"-HBB-6, 6"-HBB-12, 6"-HBB-5, 6"-HBB-4, 6"-HBB-3 AND 4"-HBB-4 WELDS AND SUPPORTS ARE EXEMPT FROM INSERVICE EXAMINATION REQUIREMENTS PER INVC AND INVD 1200. THE WELDS AND SUPPORTS SHOWN MAY NOT REPRESENT THE ACTUAL, AS-BUILT CONDITION.

3. PIPING SYSTEMS ON THIS DRAWING WHICH ARE OUTSIDE OF THE ISI BOUNDARY, ARE SHOWN FOR REFERENCE AND CONTINUITY PURPOSES ONLY. THE CONFIGURATION SHOWN MAY NOT REPRESENT THE ACTUAL, AS-BUILT CONDITION.

4. THE (2) CONNECTIONS FOR THE CC1407A/CC141A BYPASS LINE MAY BE LOCATED, IN SAME RADIAL PLANE, ANYWHERE CIRCUMFERENTIALLY TO SUIT FIELD CONDITION.

**GENERAL NOTE:**

DIMENSIONS SHOWN ON THIS DRAWING ARE TO BE USED FOR APPROXIMATE LOCATION ONLY. USE DESIGN DRAWINGS FOR DIMENSIONAL VERIFICATION.

**REFERENCE DRAWINGS:**

IS102-030C COMPONENT COOLING WATER SYSTEM

NO.	DATE	REVISION	BY	CHK'D	APP'D	DATE	INITIALS ON FILE
1	11-11-00	ISSUED FOR SECOND YEAR ISI PROGRAM	LSB	CB	CB	11-11-00	INITIALS ON FILE

**DAVIS-BESSE NUCLEAR POWER STATION**  
 UNIT NO. 1  
 INSERVICE INSPECTION ISOMETRIC  
 COMPONENT COOLING WATER SYSTEM  
 CTMT, BUILDING

**ISIM2-236E**  
 (SHEET 1)

DATE: 11-11-00  
 DRAWN BY: Lisa Bowning  
 CHECKED BY: CB  
 APPROVED BY: CB