



- 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
 - HYAC DUCT
 - ANCHOR
 - CONSTANT SPRING HANGER
 - VARIABLE SPRING HANGER
 - HYDRAULIC SNUBBER
 - MECHANICAL SNUBBER
 - NON-WELDED SUPPORT ATTACHMENT
 - WELDED INTEGRAL SUPPORT ATTACHMENT
 - RIGID SUPPORT
 - SWAY STRUT
 - SHOP WELD
 - FIELD WELD
 - LONGITUDINAL WELD
 - WELDLET
 - ISI ITEM NUMBER DESIGNATION USED IN THE FIRST 10 YEAR INSERVICE INSPECTION INTERVAL

- NOTES:**
1. MULTIPLE SWAY STRUTS, SPRING SUPPORTS OR SNUBBERS IN A SINGLE PIPING SUPPORT ARE SHOWN BY A NUMBER BEFORE THE SUPPORT TYPE. (EXAMPLE: 2MS = TWO HYDRAULIC TYPE SNUBBERS THAT ARE NOT WELDED INTEGRAL TO THE PIPE).
 2. THE SERVICE WATER LINE 3"-HBC-45 & 4"-HBC-45 WELDS AND SUPPORTS ARE EXEMPT FROM INSERVICE EXAMINATION REQUIREMENTS PER 140.1220. THE WELDS AND SUPPORTS SHOWN MAY NOT REPRESENT THE ACTUAL AS-BUILT CONDITION.
 3. THE SUPPORTS ON THE SERVICE WATER LINE 6"-HBC-45 ARE WITHIN THE ISI EXAMINATION BOUNDARY. THE PIPING WELDS IN THIS LINE ARE SHOWN FOR REFERENCE PURPOSES ONLY. THESE WELDS MAY NOT BE REPRESENTED IN THE ACTUAL AS-BUILT CONDITION.

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

REFERENCE DRAWINGS:
15102-041B PRIMARY SERVICE WATER SYSTEM

D-144

41-HBC-45-24	INC. DCN 151M2-241H-32 PER MOD 91-0002 SUPP. 0	INITIALS ON FILE
41-HBC-45-25	INC. DCN 151M2-241H-32 PER MOD 91-0002 SUPP. 0	INITIALS ON FILE
41-HBC-45-26	INC. DCN 151M2-241H-21 & 23 FOR MOD 91-0002 SUPP. 0	INITIALS ON FILE
41-HBC-45-32	INC. DCN 151M2-241H-07 PER MOD 91-0003 SUPP. 0 & GEN. UPDATE REVISE WELD ZONE D & F W/194 REF DCN 151M2-241H-45 MOD 91-0003 SUPP. 0	INITIALS ON FILE
41-HBC-45-33	INC. DCN 151M2-241H-2 PER MOD 91-0003 SUPP. 0 & GEN. UPDATE REVISE WELD ZONE D & F W/194 REF DCN 151M2-241H-45 MOD 91-0003 SUPP. 0	INITIALS ON FILE
41-HBC-45-34	INC. DCN 151M2-241H-2 PER MOD 91-0003 SUPP. 0 & GEN. UPDATE REVISE WELD ZONE D & F W/194 REF DCN 151M2-241H-45 MOD 91-0003 SUPP. 0	INITIALS ON FILE
41-HBC-45-35	INC. DCN 151M2-241H-2 PER MOD 91-0003 SUPP. 0 & GEN. UPDATE REVISE WELD ZONE D & F W/194 REF DCN 151M2-241H-45 MOD 91-0003 SUPP. 0	INITIALS ON FILE
41-HBC-45-18	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-17	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-16	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-15	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-14	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-13	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-12	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-11	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-10	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-9	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-8	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-7	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-6	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-5	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-4	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-3	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-2	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-1	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-0	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-38	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-39	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-40	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-41	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-42	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-43	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-44	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-45	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-46	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-47	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-48	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-49	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-50	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-51	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-52	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-53	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-54	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-55	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-56	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-57	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-58	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-59	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-60	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-61	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-62	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-63	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-64	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-65	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-66	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-67	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-68	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-69	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-70	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-71	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-72	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-73	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-74	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-75	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-76	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-77	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-78	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-79	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-80	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-81	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-82	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-83	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-84	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-85	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-86	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-87	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-88	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-89	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-90	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-91	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-92	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-93	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-94	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-95	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-96	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-97	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-98	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-99	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC
41-HBC-45-100	ISSUED FOR SECOND YEAR ISI PROGRAM	CB GFB LLC MDP EEC

DAVIS-BESSE NUCLEAR POWER STATION UNIT NO. 1
INSERVICE INSPECTION ISOMETRIC SERVICE WATER SYSTEM
ECCS ROOM COOLERS SUPPLY & RETURN
ISIM2-241H
SHEET 3

7-11-90 Lisa Bourne 30X