



FOR PAID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS PAID - LEGEND 1 AND PAID - LEGEND 2

**LEGEND**

SYMBOL	DESIGNATION	TEST PRESSURE	TEST TEMP F	MIN. TEST PRESSURE	TEST MEDIUM
Y	TEST BOUNDARY				
YB	TEMPORARY TEST BOUNDARY				
EA	INTEGRITY TEST	150 PSIG	225/245 PSIG	60	WATER
FI	INTEGRITY TEST	150 PSIG	167.5/199 PSIG	60	WATER
FI & EA	INTEGRITY TEST; FI & EA, SMALLER PIPE TO HAVE MIN. TEST TEMP. F 35.				
N	NO TEST REQUIRED				

NOTES:  
 A. VENTS & DRAINS WITH CAPS/BLIND FLANGES ETC. ASME CL 2, 3 & NMSJ SHALL BE TESTED TO THE LAST ISOLATION VALVE.

- NOTES:
1. WORK THIS DRAWING WITH DRAWINGS B28294 AND B28286 THROUGH B28215.
  2. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTS HAVE SYSTEM PREFIX "CC" UNLESS NOTED OTHERWISE.
  3. PERMANENT SPOOL PIECE INSTALLATION SHOWN TEMPORARY STRAINER IS USED IN PLACE OF SPOOL PIECE DURING INITIAL FLUSHING OPERATION. STRAINER TO BE REMOVED BEFORE PLANT START-UP.
  4. "M" ON HEAD TANK TR-19A LOW LEVEL SIGNAL SIGNAL TO V426 & V427 ON DNG CC-28286 AND V476 ON THIS DNG. (P-11)
  5. VENT & DRAIN CODE BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER I-MAT-89511 UNLESS OTHERWISE NOTED.
  6. Δ - INDICATES REVISION LEVEL.
  7. DELETED
  8. CLEANLINESS CLASS "C".
  9. HIGH POINT OF VENT CC-TK-19A LOCATED 90 INCHES 3 FEET ABOVE HIGH POINT.
  10. NO. 15 SO-23
  11. SO. NO. 15 SO-23
  12. CONTAINMENT ENCLOSURE AIR HANDLING FOR AC-2A SEE DNG I-MAT-28495 (D-8A).
  13. CONNECTION TO BE USED FOR FLUSHING SEE DNG DM-28350 (F-9) & NOTE 7.
  14. PCCW HEAD TANK CC-TK-19A DESIGN PRESSURE IS 100 PSIG.
  15. QUICK DISCONNECTS MAY BE INSTALLED UPSTREAM OF PIPE CAPS AS DEEMED NECESSARY BY STATION STAFF TO FACILITATE VENT AND DRAIN OPERATIONS.

PORTIONS OF THIS DRAWING ARE NUCLEAR SAFETY RELATED

REV	DATE	DSGN	DRWN	CHKD	CODE	SES	DESCRIPTION
21	11/4/98	BCL	OPD	WRD	BCL	RRC	INCORP. DCR 960825 DCM 82
20	11/4/98	DWS	MPW	BCL	RRC	PEB	INCORP. DCR 940045 CA#08
19	11/4/98	MPW	MPW	BCL	DWS	MHP	INCORP. DCR 960825 DCM 82
18	9/26/98	MPW	MPW	BCL	DWS	MHP	REVISED PER PFI 51344
17	9/7/98	MPW	MPW	BCL	DWS	MHP	INCORP. DCR 960825 DCM 82
16	6/13/97	DWS	MPW	FAC	PEB	PEB	INCORP. DCR 940045 CA#0 & 1
15	6/6/97	DWS	MPW	FAC	PEB	PEB	INCORP. DCR 940045 CA#0 & 1
14	11/27/95	MPW	MPW	BCL	RRC	PEB	INCORP. DCR 940045 CA#0 & 1
13	3/7/95	BCL	MPW	DWS	DMD	INCORP. DCR 940045 CA#0 & 1	
12	11/29/94	DWS	MPW	BCL	MMD	INCORP. DCR 940045 CA#0 & 1	
11	4/14/94	BCL	MPW	DWS	DMD	INCORP. DCR 940045 CA#0 & 1	
10	4/26/92	MRB	DWS	BCL	JEV	INCORP. DCR 940045 CA#0 & 1	
9	12/16/91	FCB	RRC	MRB	BCL	INCORP. DCR 940045 CA#0 & 1	
8	11/27/91	RRC	JM	MRB	JEV	INCORP. DCR 940045 CA#0 & 1	
7	2/26/91	MRB	RRC	FCB	APL	BCL	INCORP. DCR 940045 CA#0 & 1
6	4/21/89	OPD	RRC	APL	MRB	GRM	INCORP. DCR 940045 CA#0 & 1
5	3/22/88	OPD	JM	APL	BCL	RRC	INCORP. DCR 940045 CA#0 & 1
4	10/23/87	MPW	JM	BCL	DWS	PAG	INCORP. DCR 87-217; REVISED LEGEND NOTE PER DNG. F-1000000
3	6/16/87	MPW	JM	PAL	BCL	VNS	VALVE V475 SHOWN OPEN. ADDED ISO NUMBER
2	11/4/86	JDM	OPD	WRD	BCL	RRC	ADDED LEGEND NOTE OPERATOR TO VALVES. MTD REF. DNGS. FLANGES. MISSING LINE NUMBERS. PIPE SPEC. BREAK & CONT. DNG. COORD. REVISED SAFETY CLASS BREAKS FROM NMSJ & DRAINS DUE TO THE USE OF NMSJ. DELETED NMSJ CLASS DESIGNATION.
1	9/12/86	BCL	OPD	MPW	BCL	RRC	ISSUED FOR OPERATIONS
REV	DATE	DSGN	DRWN	CHKD	CODE	SES	DESCRIPTION

**North Atlantic Energy Service Corporation**

PRIMARY COMPONENT COOLING LOOP A DETAIL

SEABROOK STATION PID-1-CC-D20205

PUMP	VALVE	3/4" LINE NO	1/2" LINE NO	ISO NO
P-11A	V13	767-1-152-3/4"	767-2-152-1/2"	CC-767-81
P-11C	V8	774-1-152-3/4"	774-2-152-1/2"	CC-774-81

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