



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

LEGEND

DESIGNATION	DESIGN PRESSURE	TEST PRESSURE	MIN. TEST TEMP. °F	TEST MEDIUM
TEST BOUNDARY				
07 INTEGRITY TEST	14 PSIG	18/19 PSIG	35	WATER
08 INTEGRITY TEST	1500 PSIG	2250/2305 PSIG	35	WATER
09 INTEGRITY TEST	1595 PSIG	1994/2113 PSIG	35	WATER
10 INTEGRITY TEST	1595 PSIG	187/199 PSIG	35	WATER
11 INTEGRITY TEST	1185 PSIG	1481/1578 PSIG	35	WATER
12 INTEGRITY TEST	1500 PSIG	1875/1907.5 PSIG	35	WATER
13 INTEGRITY TEST	1500 PSIG	225/245 PSIG	35	WATER
14 INTEGRITY TEST	188 PSIG	278/286.2 PSIG	35	WATER
15 INTEGRITY TEST	150 PSIG	187.5/199 PSIG	35	WATER
16 INTEGRITY TEST	200 PSIG	270/265 PSIG	35	WATER
17 NO TEST REQUIRED				

NOTES:
 A. VENTS & DRAINS WITH CAPS/BLIND FLANGES ETC. SHALL BE TESTED TO THE LAST ISOLATION VALVE.
 B. (H) INITIAL SERVICE IS PER CODE N-306.

NOTES:
 1. PIPING, VALVES, EQUIPMENT & INSTRUMENT TAG NUMBERS ARE PREFIXED BY DESIGNATION OF "FM" UNLESS NOTED OTHERWISE.
 2. WORK THIS DWG WITH 20604 THRU 20607, & 20609.
 3. VENTS & DRAINS CODE BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE, PER 1-HYD-085111 UNLESS NOTED OTHERWISE.
 4. FM-V346, V347 ARE NORMALLY CLOSED MOTOR OPERATED GLOBE VALVES WHICH ARE OPERABLE FROM THE MAIN CONTROL BOARD & REMOTE SAFE SHUTDOWN PANEL.
 5. DELETED
 6. DELETED
 7. CLEANLINESS CLASS "C".
 8. Δ INDICATES REVISION LEVEL
 9. SYSTEM DESCRIPTION NUMBER IS 50-1
 10. ALL PIPING AND COMPONENTS ASSOCIATED WITH P-37A ARE ASME III CL. 3. ALL PIPING AND COMPONENTS ASSOCIATED WITH TD-2 ARE ANSI-3.
 11. DELETED
 12. SPOOL FOR FLUSHING
 13. DELETED
 14. THIS HEAT TRACING IS NONFUNCTIONAL.

PORTIONS OF THIS DRAWING ARE NUCLEAR SAFETY RELATED

REV	DATE	DSGN	DRWN	CHKD	CODE	SES	DESCRIPTION
15	9/17/98	DWS	JMB	JMB	APL	WFO	INCORP. MMD 920618 DCN#08 & DCN# 96-0020 DCN# 08
14	7/23/98	DWS	JMB	JMB	APL	WFO	INCORP. MMD 980505 DCN#08
13	8/20/98	BCL	JMB	JMB	GRM	WFO	INCORP. DCN# 14-227 CO-B
12	6/17/98	BCL	JMB	JMB	GRM	WFO	INCORP. MMD 93-550 CO-B
11	5/22/94	DWS	JMB	JMB	APL	WFO	INCORP. MMD 91-539 CA-B
10	4/14/94	MPW	JMB	JMB	APL	WFO	INCORP. MMD 92-545 CA-B
9	11/17/92	DWS	JMB	JMB	APL	WFO	INCORP. MMD 91-551 CA-B
8	8/17/92	MPW	JMB	JMB	APL	WFO	INCORP. MMD 91-551 CA-B
7	5/8/92	MPW	JMB	JMB	APL	WFO	INCORP. MMD 91-551 CA-B
6	4/28/92	MPW	JMB	JMB	APL	WFO	INCORP. MMD 91-551 CA-B
5	9/4/91	MPW	JMB	JMB	APL	WFO	INCORP. MMD 90-681 CA-B
4	10/24/90	MPW	JMB	JMB	APL	WFO	INCORP. MMD 90-681 CA-B
3	03/03/88	GPM	RMC	MRB	APL	WFO	INCORP. ECA 14/182450A, 14/182448B, 14/182450B, 14/182450C, 14/182450D, 14/182450E, 14/182450F, 14/182450G, 14/182450H, 14/182450I, 14/182450J, 14/182450K, 14/182450L, 14/182450M, 14/182450N, 14/182450O, 14/182450P, 14/182450Q, 14/182450R, 14/182450S, 14/182450T, 14/182450U, 14/182450V, 14/182450W, 14/182450X, 14/182450Y, 14/182450Z
2	10/28/87	MPW	JMB	JMB	APL	WFO	INCORP. MMD 87-545 CA-B
1	10/17/87	PAL	DWS	BCL	JMB	WFO	INCORP. MMD 87-545 CA-B
0	6/26/86	VAL	USE	BCL	JMB	WFO	ISSUED FOR OPERATIONS

North Atlantic Energy Service Corporation

EMERGENCY FEEDWATER SYSTEM DETAILS

PID- 1-FW-D20688

SEABROOK STATION

783-F-202076 12 FEEDWATER SYSTEM P & I DIAGRAM
 783-F-080003 7 EMERGENCY FEEDWATER - P&ID

REF. DRAWING NO. REV TITLE

D-36