



LEGEND

DESIGN	TEST	ML	TEST	TEST
PRESSURE	PRESSURE	TEMP	TEMP	MEDIUM
(IS)	INITIAL SERVICE		N.D.P.	
(EA)	INTEGRITY TEST	150 PSIG	225/245 PSIG	35 WATER
(H)	NO TEST REQUIRED			
(FI)	INTEGRITY TEST	150 PSIG	187.5/199 PSIG	35 WATER
(E4)	SEE NOTE 51	150 PSIG	225/245 PSIG	35 WATER
(F1)	SEE NOTE 51	150 PSIG	187.5/199 PSIG	35 WATER

NOTES:
A. VENTS & DRAINS WITH CAPS/BLIND FLANGES ETC. SHALL BE TESTED TO THE LAST ISOLATION VALVE.

DRAINS SHOWN ON THIS DRAWING

DRAIN NO.	DRAIN SIZE	DRAIN LOCATION
181	1/2"	135
182	1/2"	136
183	1/2"	137
184	1/2"	138
185	1/2"	141

- NOTES:
- WORK THIS DRAWING WITH DRAWINGS 20216, 20218 & 20220 THRU 20224.
 - ALL LINES, EQUIPMENT, COMPONENTS, AND INSTRUMENTS HAVE SYSTEM PREFIX UNLESS NOTED OTHERWISE.
 - ALL LINES, EQUIPMENT, COMPONENTS, AND INSTRUMENTS ARE SAFETY CLASS UNLESS NOTED OTHERWISE.
 - CLEANLINESS CLASS "C" & "D".
 - LINES MARKED WITH AN ASTERISK (*) INDICATES PIPING AND COMPONENTS TO BE TESTED AS PER REG. GUIDE L143.
 - EMBEDDED PIPING, NO ISO. SHOWN ON DWG P-895375.
 - THE IDENTIFICATION "J" NEAR A VALVE DENOTES THAT VALVE IS DESIGNATED FOR INSERVICE TESTING.
 - Δ INDICATES REVISION LEVEL.
 - Δ DELETED.
 - IR. SYSTEM DESCRIPTION IS 50-25.

PORTIONS OF THIS DRAWING ARE
NUCLEAR SAFETY RELATED

REV	DATE	DSGN	DRWN	CHKD	DES	DESCRIPTION	
7	7/6/97	MPW		B.S.	DLS	INCORP HMOO 96-558 DCN 81	
6	4/13/97	DWS		MPW	FAC	INCORP DCR 970808 DCN#08	
5	1/17/97	DWS		MPW	BCL	INCORP DCR 970802 CAP#8 & 1	
4	10/14/88	HRI		RHC	APL	INCORP NEI 88-68 REV 11 DELETED NOTE "A" REVISED NOTE 6	
3	4/28/88	MPW		JH	BCL	DELETED REF. DOC. ADDED NOTES 4 & 11 NCR 88-68 AS A INCORP. ITEM CHANGING FOR RC-PID, FLANGES FOR MALFUNCTIONS. REVISED DRAWING ERRORS. DRAWING MADE FOR HRC-45, INCORP. NEI 88-68 REV 11 & NCR 88-112 REV 8	
2	12/22/86	WDS		OPD	WRD	DELETED NO DRAIN LINE. ADDED ISO. INFO. CONT. REFS. MITD INFO. & NOTE 8 INCORP. ECA 14-118341A/14-118342A	
1	10/18/86	JDM		OPD	MPW	BCL	ISSUED FOR OPERATIONS
0	3/28/86	GO		TRAC	CAV	JWS	RRC

North Atlantic Energy Service Corporation

WASTE PROCESSING LIQUID DRAINS CONTAINMENT BUILDING SUMPS

PID- 1-WLD-D20219

BRANDON STATION

22
11
11
58
8.5
11
17
22

22
11
11
58
8.5
11
17
22

D-77