



FOR PAID REFERENCE DRAWINGS SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS P&ID-LEGEND 1 AND P&ID-LEGEND 2.

LEGEND

DESIGN	TEST PRESSURE	TEST PRESSURE	MIN. TEST TEMP	TEST MEDIUM
(E4)	INTEGRITY TEST	150 PSIG	225/245 PSIG	60 WATER
(F1)	INTEGRITY TEST	150 PSIG	187.5/199 PSIG	60 WATER
(N)	NO TEST REQUIRED			

NOTE:
A. VENTS & DRAINS AGHE CL. 2 & 3, NWS SHW L BE TESTED UP TO THE LAST ISOLATION VALVE.

NOTES:
1. WORK THIS DRAWING WITH DRAWINGS 28284, 28285 AND 28287 THROUGH 28215.
2. ALL LINES, EQUIPMENT, COMPONENTS & INSTRUMENTS HAVE SYSTEM PREFIX 1-CC UNLESS NOTED OTHERWISE.

- 3. INSTRUMENT REFERENCES**
- (B) FROM SB-PT-30 DWG. 1206300
 - (C) FROM SB-TE-78 DWG. 1206300
 - (D) FROM SB-TE-158 DWG. 1206300
 - (E) FROM BRS-PT-30 DWG. 1208594
 - (F) FROM BRS-TE-78 DWG. 1208594
 - (G) FROM BRS-TE-158 DWG. 1208594
 - (H) FROM ML-PT-3 DWG. 1208300
 - (I) FROM ML-TE-7 DWG. 1208300
 - (J) FROM ML-TE-15 DWG. 1208300
 - (K) FROM SB-TE-6952 DWG. 1208271
 - (L) FROM TE-130 LEEDOWN HEAT EXCHANGER CS-E-4 OUTLET DWG. 1207221
 - (N) CLOSE ON HEAD TANK TK-19A LOW LEVEL SIGNAL

- 4. △ INDICATES REVISION LEVEL.
- 5. DELETED
- 6. VENT & DRAIN CODE BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER 1 INCH 80011 UNLESS OTHERWISE NOTED.
- 7. CLEANLINESS CLASS 2 LEVEL
- 8. * * * INDICATES EQUIPMENT, PIPING, VALVES & INSTRUMENTS FURNISHED WITH EVAPORATOR PACKAGE BY VENDOR AND INSTALLED BY USER.
- 9. DELETED
- 10. DELETED
- 11. SYSTEM DESCRIPTION NUMBER IS SD-23

PORTIONS OF THIS DRAWING ARE
NUCLEAR SAFETY RELATED

REV	DATE	DSGN	DRWN	CHKD	CODE	SES	DESCRIPTION
10	3/27/72	MPW	JM	APL	BCL	RR	INCORP. MMD 93-544 CAB1
9	4/20/74	BCL	MPW	DWS	RJF	RR	INCORP. MMD 93-544 CAB2
8	7/2/72	MRB	BCL	DWS	JEV	RR	INCORP. MMD 93-515 CAB2
7	1/24/70	MRB	FCB	JM	APL	BCL	INCORP. MMD 88-516 CAB
6	5/23/68	GPM	RMC	APL	BCL	PAG	INCORP. DCR 86-489 CAB4
5	2/22/68	GPM	RMC	BFL	APL	RR	REVISED NOTE 3 & 6 INSTR. REFERENCE SIGNAL, SKID PIPING, EQUIP. DESCRIPTION & LEGEND NOTE PER 9763-F-980000 & ANSI B31.1 1977-SEC. 137.1.2.2. ADDITIONAL DWG. NUMBERS & COORDS. VENT DESIGNATION. DELETED NWS-1 CL. DESIGNATION. NOTE 10. LINE NOS. 150 DWG. NO. 3. INTEGRITY TEST
4	6/16/67	MPW	JM	PAL	BCL	VWS	VALVES V84 & V83 SHOWN OPEN. ADDED VALVES CV-7 & CV-8 PREVIOUSLY SHOWN ON CS-28724. EQUIP. REFERENCE DWS. DELETED VALVE NO. 5 (MVA 18C VALVES)
3	1/19/67	MRJ	DWS	PAL	BCL	VWS	ADDED CC TYPING PREVIOUSLY SHOWN ON SB-28627. REVISED TO FLEX HOSE HEAT TRACING. WAS IN ERROR DELETED
2	11/6/66	J D M	DWS	VRD	BCL	RR	ADDED MITO REF DWS. LINE NOS PER REF DWS. PIPE SPEC BREAKS & FLANGES. REVISED ISO NUMBERS. ADDED CONT. DWS. COORDS. LEGEND. CORRECTED VALVE TYPES PER REF. DWS.
1	8/22/66	BCL	OPD	VRD	VNR	PHM	ISSUED TO REFLECT AS-BUILT CONDITION
0	6/28/66	TAK	JEK	BCL	JMS	RR	ISSUED FOR OPERATIONS

North Atlantic Energy Service Corporation

PRIMARY COMPONENT COOLING LOOP A DETAIL

PID- 1-CC-D20206

BARBOOK STATION

REF. DRAWING NO.	REV	TITLE
9763-F-908177	4	RADIOACTIVE GAS WASTE - MITD
9763-F-908178	1	RADIOACTIVE GAS WASTE - MITD
9763-F-908145	3	PCCV LOOP A - MITD
9763-F-90815	3	PCCV LOOP A - MITD
9763-F-805612	13	RADIOACTIVE GAS WASTE SYS. SHT. 2 P. & ID
9763-F-805611	13	RADIOACTIVE GAS WASTE SYS. SHT. 1 P. & ID
9763-F-805018	14	PCCV LOOP A SHEET 1-P&ID DIAGRAM
9763-F-804981	1	PCCV LOOP A SHEET 3-P&ID DIAGRAM