



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

	DESIGN PRESSURE	TEST PRESSURE	MIN. TEST TEMP. F.	TEST MEDIUM
Y				
Y				
Y				
A2	2485 PSIG	3186/3292 PSIG	60	WATER
E14	250 PSIG	312.5/331 PSIG	60	WATER
F1	150 PSIG	187.5/199 PSIG	60	WATER
N				
EN9	235 PSIG	258.5/274 PSIG	60	WATER

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

- NOTES:
- WORK THIS DRAWING WITH DRAWINGS 20204 THRU 20208 & 20218 THRU 20215.
 - ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTS HAVE SYSTEM PREFIX '1-CC' UNLESS NOTED OTHERWISE.
 - PERMANENT SPOOL PIECE INSTALLATION SHOWN. TEMPORARY STRAINER IS TO BE IN PLACE OF SPOOL PIECE DURING INITIAL FLUSHING OPERATION. STRAINER TO BE REMOVED BEFORE PLANT START-UP.
 - EQUIPMENT ISOLATION VALVES INSIDE CONTAINMENT ARE OPERABLE FROM THE CONTAINMENT MANULAS.
 - VENT, LEAK AND TEST CONNECTION BREAKS ARE AT THE DOWNSTREAM END & THE OUTER ISOLATION VALVE PER 1-ENR 30911 UNLESS OTHERWISE NOTED.
 - OUT OF SPEC. NOTES: 200 LB. PRESSURE CLASS VALVES, FLOCS, AND FITTINGS ARE REQUIRED FOR TRANSIENT CONDITIONS. ALTHOUGH PIPE IS ACCEPTABLE IN THE FOLLOWING CLASS 152 LINES: 743, 742, 749, 801, 703, 708, 711 AND 819.
 - CLEANLINESS CLASS 'C'.
 - SYSTEM DESCRIPTION IS SD 23.

PORTIONS OF THIS DRAWING ARE
NUCLEAR SAFETY RELATED

REV	DATE	BY	CHKD	APP	DESCRIPTION			
6	6/10/94	DWS		BCL	INCORP. MHOD 920533 CA 0			
5	1/23/94	MRB		BCL	INCORP. MHOD 91-515 CA 0			
4	10/24/90	MRB	db	JM	INCORP. MHOD 90-601 CA 0			
3	2/6/88	MRB	RMC	CPH	INCORP. DGR'S 87-82 CA5 AND DGR 87-240 CA7. REVISED NOTE 5, LEGEND NOTE A PER ANSI B31.1 1977 SEC 137.1.26. ADDED RC PUMP CROSS REF. DWG NO. DELETED NNS 1 CLASS BOUNDARY			
2	8/16/87	MPW	HW	PAL	BCL	DELETED SCREEN REF.		
1	6/22/86	MPW	JAC	MAP	BCL	INCORP. ECR'S 87-1058 & 10/18/86. ADDED PUMP 185.1 MITD REF. DWG. NOS. FLOCS & NOTES DELETED. REF. DWS. COORD. DELETED NOTE 5. REVISED NOTE 5. DELETED CODE BRINGS FOR NOTE 5.		
0	6/26/85	TAX	WAL	BCL	JMS	ISSUED FOR OPERATIONS		
		DATE	DESCN	DRWN	CHKD	CODE	SEC	DESCRIPTION

North Atlantic Energy Service Corporation

PRIMARY COMPONENT COOLING
THERMAL BARRIER LOOP
DETAIL

BRANDHOEK STATION

PID- 1-CC-D20209

REF. DRAWING NO.	REV	TITLE
9763-F-18012	5	PCCW THERMAL BARRIER LOOP MITD
9763-F-084976	10	PCCW THERMAL BARRIER LOOP-PAID

D-7