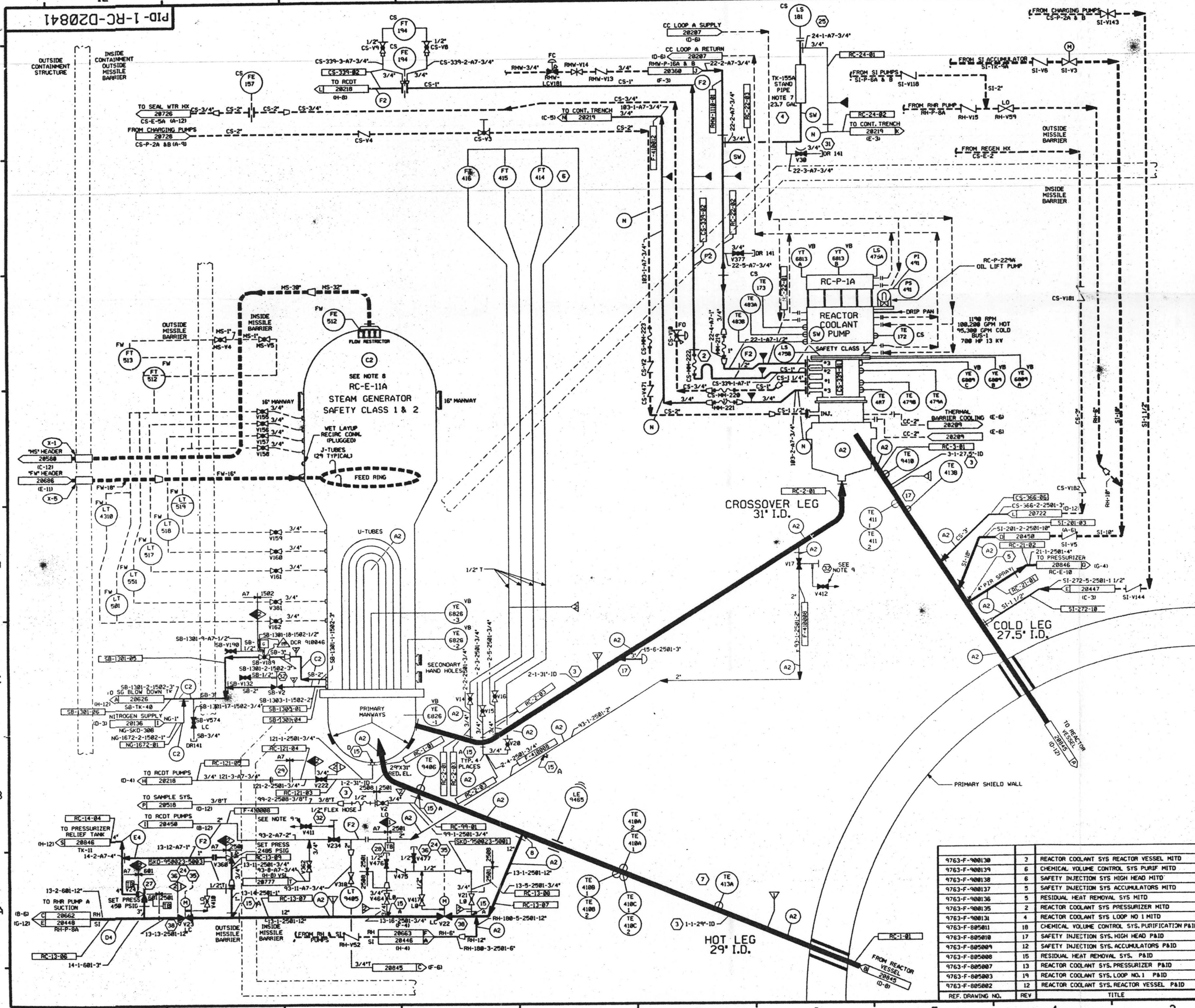
FOR INFORMATION ONLY

PID- 1-RC-D20841



REF. DRAWING NO.	REV	TITLE
9763-F-900130	3	REACTOR COOLANT SYS REACTOR VESSEL MITD
9763-F-900139	6	CHEMICAL VOLUME CONTROL SYS PURIF MITD
9763-F-900138	6	SAFETY INJECTION SYS HIGH HEAD MITD
9763-F-900137	5	SAFETY INJECTION SYS ACCUMULATORS MITD
9763-F-900136	5	RESIDUAL HEAT REMOVAL SYS MITD
9763-F-900135	2	REACTOR COOLANT SYS PRESSURIZER MITD
9763-F-900131	4	REACTOR COOLANT SYS LOOP NO 1 MITD
9763-F-805011	18	CHEMICAL VOLUME CONTROL SYS. PURIFICATION P&ID
9763-F-805010	17	SAFETY INJECTION SYS. HIGH HEAD P&ID
9763-F-805009	12	SAFETY INJECTION SYS. ACCUMULATORS P&ID
9763-F-805008	15	RESIDUAL HEAT REMOVAL SYS. P&ID
9763-F-805007	13	REACTOR COOLANT SYS. PRESSURIZER P&ID
9763-F-805003	19	REACTOR COOLANT SYS. LOOP NO. 1 P&ID
9763-F-805002	12	REACTOR COOLANT SYS. REACTOR VESSEL P&ID

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

LEGEND

SYMBOL			DESIGN PRESSURE	TEST PRESSURE	MIN. TEST TEMP° F	TEST MEDIUM
(N)	NO TEST REQUIRED					
	TEST BOUNDARY					
TB	TEMPORARY TEST BOUNDRY					
(A1)	INTEGRITY TEST		2735 PSIG	3419/3624 PSIG	100	DM WATER
(A2)	INTEGRITY TEST		2485 PSIG	3106/3292 PSIG	100	DM WATER
(C2)	INTEGRITY TEST		1185 PSIG	1481/1570 PSIG	100	DM WATER
(D4)	INTEGRITY TEST		600 PSIG	750/795 PSIG	35	DM WATER
(E4)	INTEGRITY TEST	(IS)	150 PSIG	225/245 PSIG	35	DM WATER
(E9)	INTEGRITY TEST	(IS)	200 PSIG	300/318 PSIG	35	DM WATER
(F1)	INTEGRITY TEST		150 PSIG	187.5/199 PSIG	35	WATER
(F2)	INTEGRITY TEST	(IS)	100 PSIG	150/170 PSIG	35	WATER
(P6)	INTEGRITY TEST	(IS)	10 PSIG	15/18 PSIG	35	AIR/N2
(SW)	STANDING WATER					
(IS)	INITIAL SERVICE			N.O.P.		

NOTE:

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

B. THE TEMPERATURE OF BOTH VESSEL AND WATER MUST BE ABOUT THE SAME AND AT LEAST 120 F. BUT LESS THAN 150 F SEE STEAM GENERATOR MANUAL FP-55134 FOR ADDITIONAL HYDROTEST REQUIREMENT.

NOTES:

1. ⬡ INDICATES GENERAL NOTE NUMBER - REFER TO DRAWING 20848 FOR GENERAL NOTES.
2. WORK THIS DRAWING WITH DRAWINGS 20840 AND 20842 THROUGH 20846 AND 20848.
3. ALL LINES, EQUIPMENT, COMPONENTS, AND INSTRUMENTATION HAVE SYSTEM PREFIX RC UNLESS OTHERWISE NOTED.
4. VENT, DRAIN & TEST CONN. CODE BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER 1-NHY-805111, UNLESS NOTED OTHERWISE.
5. △ - INDICATES REVISION LEVEL.
6. CLEANLINESS CLASS "B".
7. SYSTEM DESCRITION NUMBER IS NAH/NCH 281
8. DELETED
9. VALVE STEM LEAK-OFF ISOLATION VALVES V411 & V412 ARE TO BE MAINTAINED CLOSED. VALVE STEM LEAK-OFF TO BE CONSIDERED INOPERABLE.

PORTIONS OF THIS DRAWING ARE

NUCLEAR SAFETY RELATED

REV	DATE	DSGN	DRWN	CHKD	CDE	SES	DESCRIPTION
15	7-3-98	DWS	—	MPW	JWM	DJM	INCORP DCR 910046 DCN#00
14	6/3/97	MPW	—	DWS	MRB	JPS	INCORP MMOD 97-567 DCN 00
13	11-27-95	BCS	—	RRC	MPW	DMQ	INCORP DCR 95-23 CA-11
12	11-11-95	BCL	—	MPW	MRB	RRB	INCORP DCR 95-23 CA-0, 03
11	7-22-94	BCL	—	DWS	MPW	JEV	INCORP DCR 94-14 CA-0
10	11-3-92	DWS	—	BCL	MRB	ES	INCORP DCR 900003 CA#0
9	4-14-92	MRB	DWS	DWS	BCL	JEV	INCORP. MMOD 91-515 CA0
8	9/5/91	GPM	JM	FCB	MRB	IW	INCORP. DCR 86-239 CA0 REVISED: LINE NUMBERS
7	8/23/91	GPM	FCB	JM	MRB	WFZ	INCORP. DCR 89-51 CA06 REVISED LINE NO'S & ISO DWG NO'S DELETE NOTE 8 & "J" SYMBOL DESIGNATION
6	12/29/89	MRB	FB/JM	APL	WCL	WFD	INCORP. DCR 87-136 CA-03 & MMOD 89-599 CA0
5	10/14/88	MRB	RMC	GPM	APL	RRC	INCORP. NCR 86-60 REV 1 ADDED: VALVE LEAKOFF SYMBOL TO CLARIFY CLASS BREAK FOR SB-V189 & V2 PER UE & C P & ID 805003. REVISED: LEGEND NOTE A
4	10/30/87	GPM	RMC	BCL	DWS	PAG	REV'D: PIPING PER ERECTION ISOMETRIC, GEN. NOTE NO. NOTES, RENUMBERED NOTES, MOVED TECH. NOTES TO GEN. NOTES ON DWG. RC-20848, LEGEND NOTE A PER 9763-F-900000 & ANSI B31.1-1977 SEC 137.1.2E. ADDED: DETAIL LETTER DESIGNATION FOR FLOW RESTRICTOR, ALPHA DESIGNATION FOR TEST NOTES. DELETED: DUPLICATED PIPING & INFO OF ASSOC. SYS'S, FLEX HOSES AND REDUNDANT CL BOUNDARY & NOTES.

North Atlantic Energy Service Corporation

SEABROOK STATION

REACTOR COOLANT SYSTEM LOOP NO. 1

PID- 1-RC-D20841

D-52