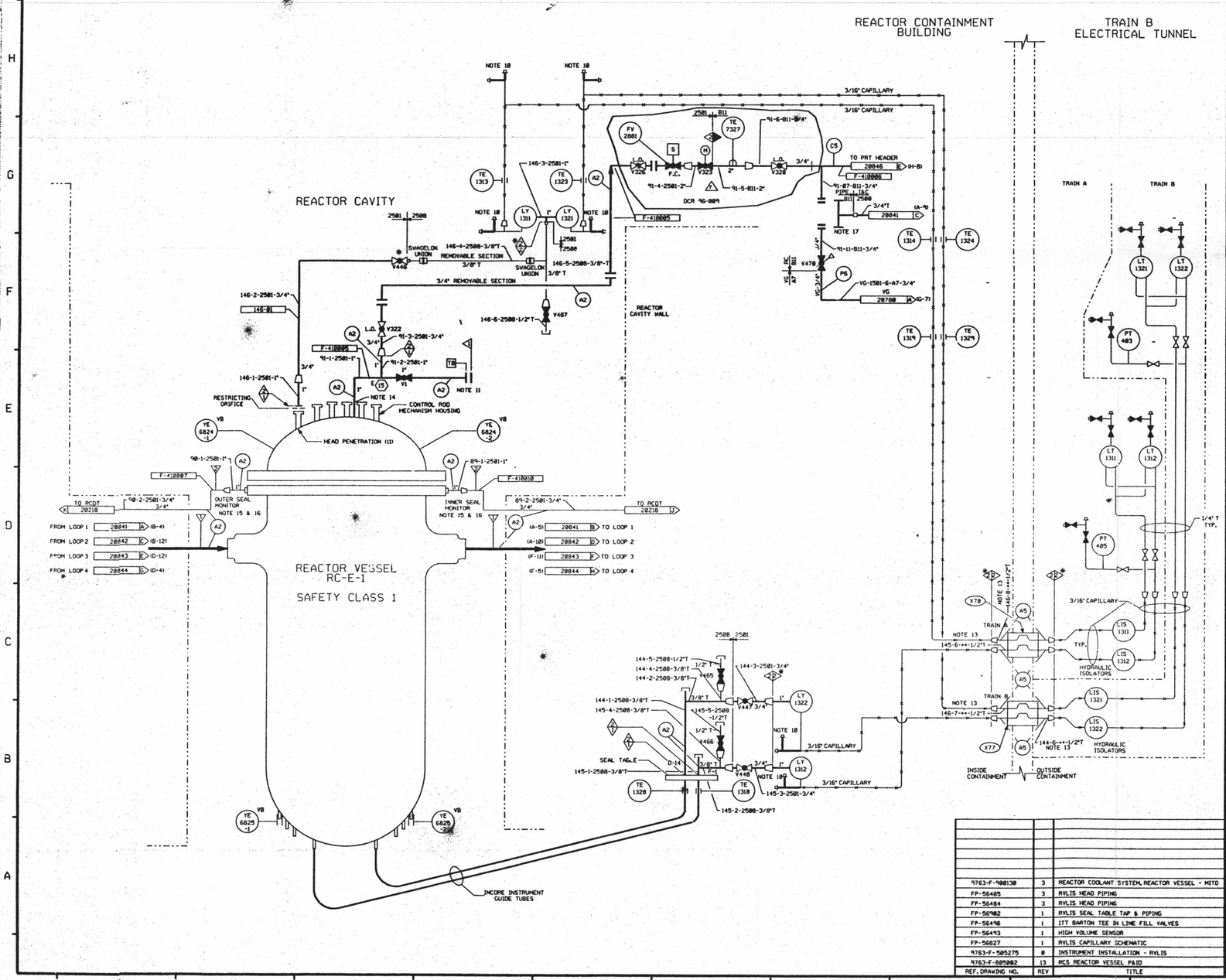
FOR INFORMATION O

PID- 1-RC-D20845



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

LEGEND

		DESIGN PRESSURE	TEST PRESSURE	MIN. TEST TEMP. F	TEST MEDIUM
	TEST BOUNDARY				
TB	TEMPORARY TEST BOUNDARY				
A2	INTEGRITY TEST	2485 PSIG	3186/3292 PSIG	180	D.M. WATER
C5	INTEGRITY TEST (15)	600 PSIG	1350/1435 PSIG	180	D.M. WATER
P6	INTEGRITY TEST (15)	18 PSIG	15/18 PSIG	35	AIR/N_2
A5	INTEGRITY TEST	3000 PSIG	3750/3975 PSIG	35	WATER

NOTE:
A. INSTRUMENT LINES FOR TE 1318 AND TE 1328 ARE THE SYSTEM LOW POINT DESIGN PRESSURE FOR RC SYSTEM.

NOTES:
1. ⬡ INDICATES GENERAL NOTE NUMBER.- REFER TO DRAWING 20648 FOR GENERAL NOTES.
2. WORK THIS DRAWING WITH 20648, 20841, 20842, 20843, 20844, 20846 & 20848.
3. ALL LINES, EQUIPMENT, COMPONENTS, AND INSTRUMENTATION HAVE SYSTEM PREFIX "RC" UNLESS OTHERWISE NOTED
4. VENTS, DRAINS & 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 CL. SS "B".
7. SYSTEM DESCRIPTION NUMBER IS MAH/NCH-281
8. DELETED
9. DELETED
10. CAPILLARY FILL & VENT VALVE: SEE FP-56496
11. DURING PLANT OPERATION VENT IS SEALED WITH A SAFETY CLASS 1 BLIND FLANGE
12. DELETED
13. ✱✱ PIPING THRU PENETRATIONS X-77 & X-78 IS CARBON STEEL, ASME SA-106, GR.B SCH.XXS
14. VENT PIPE FURNISHED WITH REACTOR VESSEL HEAD
15. HEAD GASKET MONITORING CONNECTIONS FURNISHED WITH REACTOR VESSEL
16. CLASS 1 TO CLASS 2 BOUNDARY AT THE METALLIC O-RING AND THE REACTOR VESSEL FLANGE.
17. SPOOL TO BE INSTALLED ONLY IN MODES 5,6 FOR RCS VENTING, REFILLING, AND OTHER SHUTDOWN OPERATIONS.

PORTIONS OF THIS DRAWING ARE

NUCLEAR SAFETY RELATED

REV	DATE	DSGN	DRWN	CHKD	CDE	SES	DESCRIPTION
7	4/26/99	RWS	—	DWS	BCS	WJP	INCORP. DCR 96-0009 DCN# 8
6	4/16/97	BCS	—	MPW	DWS	WJP	INCORP. DCR 96-0015 CA 8
5	11/13/96	MPW	—	BCS	HWH	MHQ	INCORP. DCR 92-37 CA 81
4	11/11/89	MRB	FCB	PAL	ACL	GPM	INCORP. DCR'S 87-136 CA-11 & 86-116 CA-8 REVISED NOTE 13 & CONT. TAG LETTERS DELETED NOTE 8
3	12/15/87	GPM	JM	DWS	BCL	PAS	REVISED: NOTES, RENUMBERED NOTES, ADDED: ALPHA DESIGNATION FOR TEST NOTE, NOTE 4 & 16, FLOW RESTRICTOR INDICATOR SYMBOL, DELETED: NOTE, HMS-4 CLASS BOUNDARY, INCOMPLETE ITEMS ECA 85/104982F I CORRECTLY INCORP. PER FP-56482 PREVIOUS REV.)
2	11/4/86	MRJ	DWS	BCL	VNK	RRC	REVISED SEAL TABLE INST. TAP CONN. PER FP-56482 & PIPE SIZE WAS IN ERROR ADDED CONT. TAG LETTERS DELETED INCORPORATE HIGH LEVEL ALARM SYSTEM REVISED FLOW INDICATING TRANSMITTER REMOVED ELEC SYMBOLS PER LER&C P&ID.
1	9/2/86	DWS	TAK	DRF	BCL	RRC	INCORP. ECA 73/8026E & 85/117642A
0	6/27/86	TAK	DEBE CADD	BCL	THS	RRC	ISSUED FOR OPERATIONS

REF. DRAWING NO.	REV	TITLE
9763-F-900130	3	REACTOR COOLANT SYSTEM, REACTOR VESSEL - MITO
FP-56485	3	RVLIS HEAD PIPING
FP-56484	3	RVLIS HEAD PIPING
FP-56482	1	RVLIS SEAL TABLE TAP & PIPING
FP-56496	1	ITT BARTON TEE IN LINE FILL VALVES
FP-56493	1	HIGH VOLUME SENSOR
FP-56827	1	RVLIS CAPILLARY SCHEMATIC
9763-F-505275	0	INSTRUMENT INSTALLATION - RVLIS
9763-F-805002	13	RCS REACTOR VESSEL P&ID

North Atlantic Energy Service Corporation

SEABROOK STATION

REACTOR COOLANT SYSTEM
REACTOR VESSEL P & ID

PID- 1-RC-D20845

04/09/99

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