FOR INFORMATION ONLY

PID- 1-CBS-D20233

TANK FARM

PRIMARY AUX. BUILDING

MECHANICAL PEN AREA

CONTAINMENT BLDG

RADIOACTIVE PIPE TUNNEL

VAULT No. 1

VAULT No. 2

CONTAINMENT RECIRCULATION SUMPS
SAFETY CLASS 2

FUEL STORAGE BUILDING

PRIMARY AUXILIARY BUILDING

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
N — NO TEST REQUIRED				
TEST BOUNDARY				
D4 — INTEGRITY TEST	600 PSIG	750/795 PSIG	35	WATER
D7 — INTEGRITY TEST	350 PSIG	435.7/463 PSIG	35	WATER
F1 — INTEGRITY TEST	150 PSIG	187.5/199 PSIG	35	WATER
G5 — INTEGRITY TEST	20 PSIG	25/26.5 PSIG	35	WATER
SW — STANDING WATER	15			
E10 — STANDING WATER	220 PSIG	275/291.5 PSIG	35	WATER
D5 — INTEGRITY TEST	300 PSIG	375/398 PSIG	35	WATER
P21 — INTEGRITY TEST	60 PSIG	75/79.5 PSIG	35	AIR/N2

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

NOTES:
1. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTATION HAVE SYSTEM PREFIX CBS, UNLESS NOTED OTHERWISE.
2. THE CBS IS A ONE (1) DRAWING SYSTEM, AN OVERVIEW IS NOT REQUIRED. PORTIONS OF THIS DRAWING ARE DUPLICATED ON DWG. SI-20448 DUE TO DUAL SYSTEM FUNCTIONS.
3. INSTRUMENTATION SYMBOLS.
   - (A) THIS DRAWING
   - (B) CONTAINMENT SPRAY SIGNAL, P
   - (C) INTERLOCK FROM RC-V22, RC-V23 ON DWG. RC-20841
   - (D) INTERLOCK FROM RC-V87, RC-V88 ON DWG. RC-20844
   - (E) INTERLOCK FROM RH-V35, 8N DWG. RH-20662 AND V8 THIS DRAWING
   - (F) INTERLOCK FROM RH-V36, ON DWG. RH-20663 AND V14 THIS DRAWING
   - (G) CS-TK-1 LEVEL LT-185, LT-112 ON DWG. CS-20725
   - (H) STEAM SUPPLY VLV. AS TV-9232 ON DWG. AS-20571
   - (I) STEAM SUPPLY VLV. AS TV-9231 ON DWG. AS-20571
4. VENT AND DRAIN CODE BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER 1-NAP-80M11, UNLESS NOTED OTHERWISE.
5. CLEANLINESS CLASS "B".
6. SYSTEM DESCRIPTION NO IS SD-20.
7. DELETED
8. △ INDICATES REVISION LEVEL
9. ◆ DENOTES UPGRADE OF PIPING FROM 301 TO 601 MATERIAL SPEC.

PORTIONS OF THIS DRAWING ARE
NUCLEAR SAFETY RELATED

REV	DATE	DSGN	DRWN	CHKD	CDE	SES	DESCRIPTION
19	8/13/99	MPW	—	BCS	DWS	MPW	INCORP. DCR 97-31 DCN-05, 06
18	3/11/98	BCS	—	DWS	MPW	GRM	INCORP. DCR 97-31 DCN-00, 04
17	11/30/95	MPW	—	MPW	RRC	LWD	INCORP. MMOD 95-509 CA0
16	11/11/95	MPW	—	BCS	DJM	RRB	PARTIAL INCORP. MMOD 95-509 CA0
15	/5/95	MPW	—	BCL	DWS	MHD	INCORP. MMOD 93-545 CA0
14	4/23/92	MRB	—	BCL	DWS	JEV	INCORP. MMOD 91-515 CA0
13	9/5/91	GPM	FCB	JM	MRB	TW	INCORP. DCR 86-239 CA0
12	5/1/90	MRB	RMC	JM	BCL	RPN	INCORP. MMOD 89-0552 CA 0
11	11/11/89	MRB	JM/FCB	GPM	APL	GRM	INCOP DCR 87-311 CA19 TRAIN B REVISIONS.
10	9/6/89	MRB	JM/RC	APL	BCL	WFD	PARTIAL INCORP. DCR 87-311 CA07 TRAIN A REVISIONS. DELETES SYSTEM PREFIX PER NOTE 1.
9	5/9/89	MRB	RMC	GPM	APL	GPM	INCORPORATED DCR 86-338 CA 2 AND DCR 86-700 CA 6
8	6/26/86	WES	WES CAD	VNK	JMS	RRC	ISSUED FOR OPERATIONS

REF. DRAWING NO.	REV	TITLE
9763-F-805008	17	RESIDUAL HEAT REMOVAL SYSTEM P&ID
9763-F-805023	13	CONTAINMENT SPRAY SYSTEM P&ID

North Atlantic Energy Service Corporation

SEABROOK STATION

CONTAINMENT SPRAY SYSTEM

PID- 1-CBS-D20233

08/11/99

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