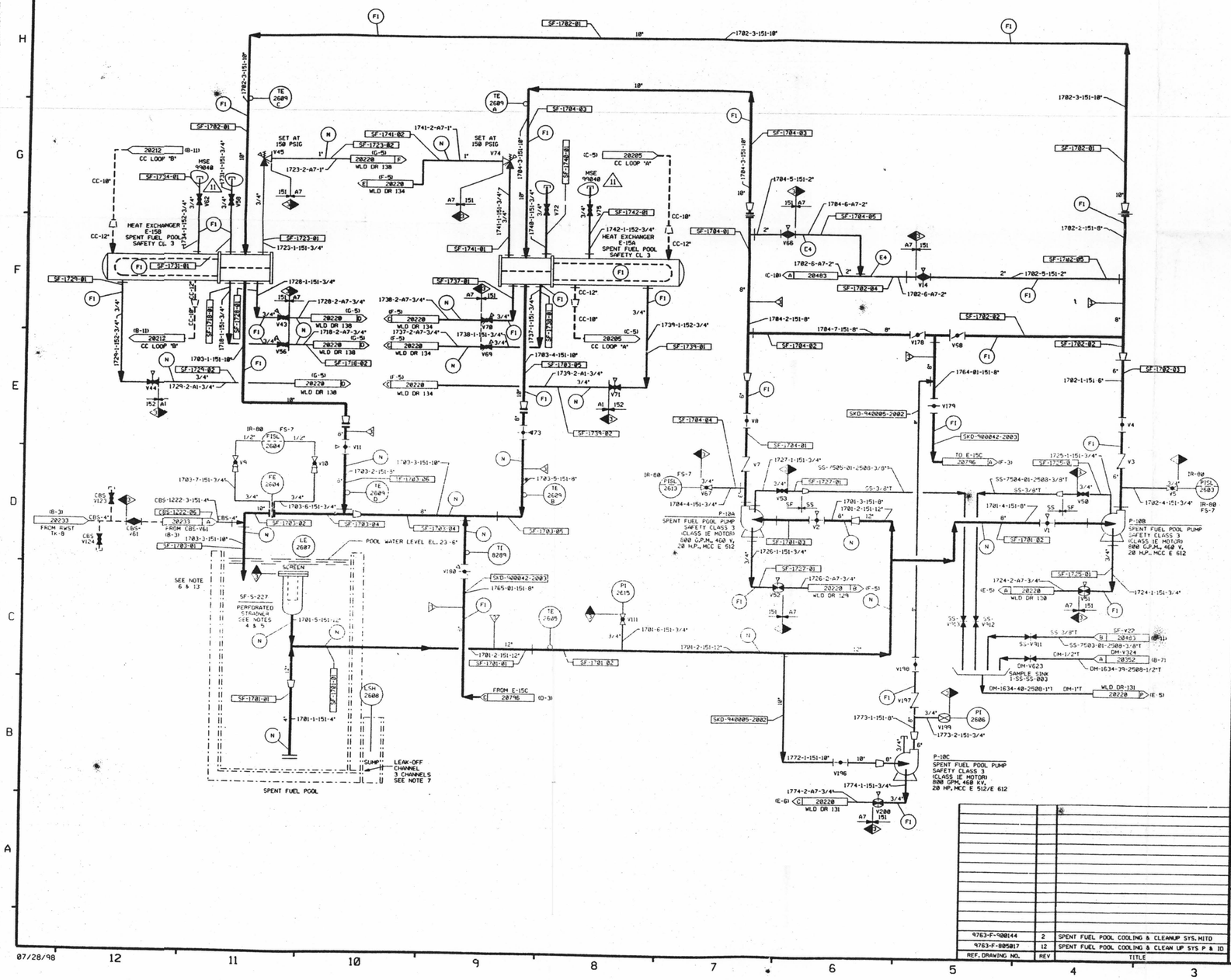
FOR INFORMATION ONLY



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				
F1	INTEGRITY TEST	150 PSIG	187.5/199 PSIG	60	WATER
E4	INTEGRITY TEST (IS)	150 PSIG	225/245 PSIG	35	WATER
SW	STANDING WATER				
N	NO TEST REQUIRED				

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

NOTES:

1. WORK THIS DRAWING WITH 20480, 20483 & 20484.
2. PIPING, VALVES, EQUIPMENT & INSTRUMENTS HAVE SYSTEM PREFIX "SF", UNLESS OTHERWISE NOTED.
3. VENTS, DRAINS AND TEST CONNECTIONS CODE BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER 1-MHT-605111 UNLESS NOTED OTHERWISE.
4. PROVIDE BLIND FLANGE; NECESSARY ONLY WHEN DEWATERING POOL. PIPE IS SAFETY CLASS 3; STRAINER IS CLASS NNS.
5. SUCTION IS LOCATED 2 FT BELOW THE NORMAL WATER LEVEL.
6. RETURN TERMINATES 11 FT ABOVE SPENT FUEL ASSEMBLIES.
7. PORTABLE PUMP IS USED TO REMOVE WATER AS REQUIRED FROM LEAK-OFF CHANNEL SUMP TO FLR DRAIN SUMP.
8. △ INDICATES REVISION LEVEL.
9. DELETED
10. CLEANLINESS CLASS "B".
11. SYSTEM DESCRIPTION NO. IS SD-27.
12. DELETED
13. EMERGENCY MAKE-UP TO SPENT FUEL POOL FROM THE CST USING TEMPORARY HOSE ICO 20426 G-71.

PORTIONS OF THIS DRAWING ARE

NUCLEAR SAFETY RELATED

REV	DATE	DSGN	DRWN	CHKD	CDE	SES	DESCRIPTION
11	7/28/98	BCS	—	MPW	DWS	MAP	INCORP. MSE 99040 REV. 0,1,2
10	7/28/98	BCS	—	MPW	DWS	RLP	INCORP. DCR 97-14 DCN 01
9	8/18/97	MPW	—	BCS	DWS	VWS	INCORP. DCR 96-550 DCN 01
8	5/13/97	DWS	—	MPW	GCS	PEB	FINAL INCORP DCR 940005 DCN#0 & 14
7	3/23/97	DWS	—	BCS	MPW	PEB	2ND PARTIAL INCORP DCR 940005 DCN#0 & 1
6	3/21/97	DWS	—	BCS	MPW	PEB	PARTIAL INCORP DCR 940005 DCN#0 & 1
5	12/23/96	RMC	—	MRB	MPW	RRC	INCORP. DCR 90-42 CA32
4	8/14/90	MRB	JM	FCB	GPM	BCL	INCORP. DCR 90-042 CA0
3	5/21/90	MRB	RMC	JM	BCL	GRM	INCORP. DCR 87-294 CA0
2	9/8/88	MAP	RMC	GPM	APL	RRC	REVISED: NOTE 3 AND 4 ADDED: OUT OF FUNCTION INFORMATION ON CBS SYSTEM FOR CLARIFICATION & REFERENCE. LEGEND NOTE PER 9763-F-900888 & 9451 B31.1 NOTE SEC. 137.1.2E DELETED: NNS-1 CL BOUNDARY
1	11/20/86	MPW	DPO	WRD	BCL	RRC	ADDED CONT. REF. LOCS. SPEC. BREAKS, LINE NO'S, FLG'S, NOTES 11 & 12, MITD REF. DWG. DELETED NOTE 9, REVISED VALVE NO'S PER ERECTION ISO.
0	7/2/86	DWS	DEL CAS	BCL	JMS	RRC	ISSUED FOR OPERATIONS

REF. DRAWING NO.	REV	TITLE
9763-F-900144	2	SPENT FUEL POOL COOLING & CLEANUP SYS. MITD
9763-F-805017	12	SPENT FUEL POOL COOLING & CLEAN UP SYS P & ID

North Atlantic Energy Service Corporation

SEABROOK STATION

SPENT FUEL POOL COOLING AND CLEAN-UP SYSTEM DETAIL

PID- 1-SF-D20482

07/28/98

D-63