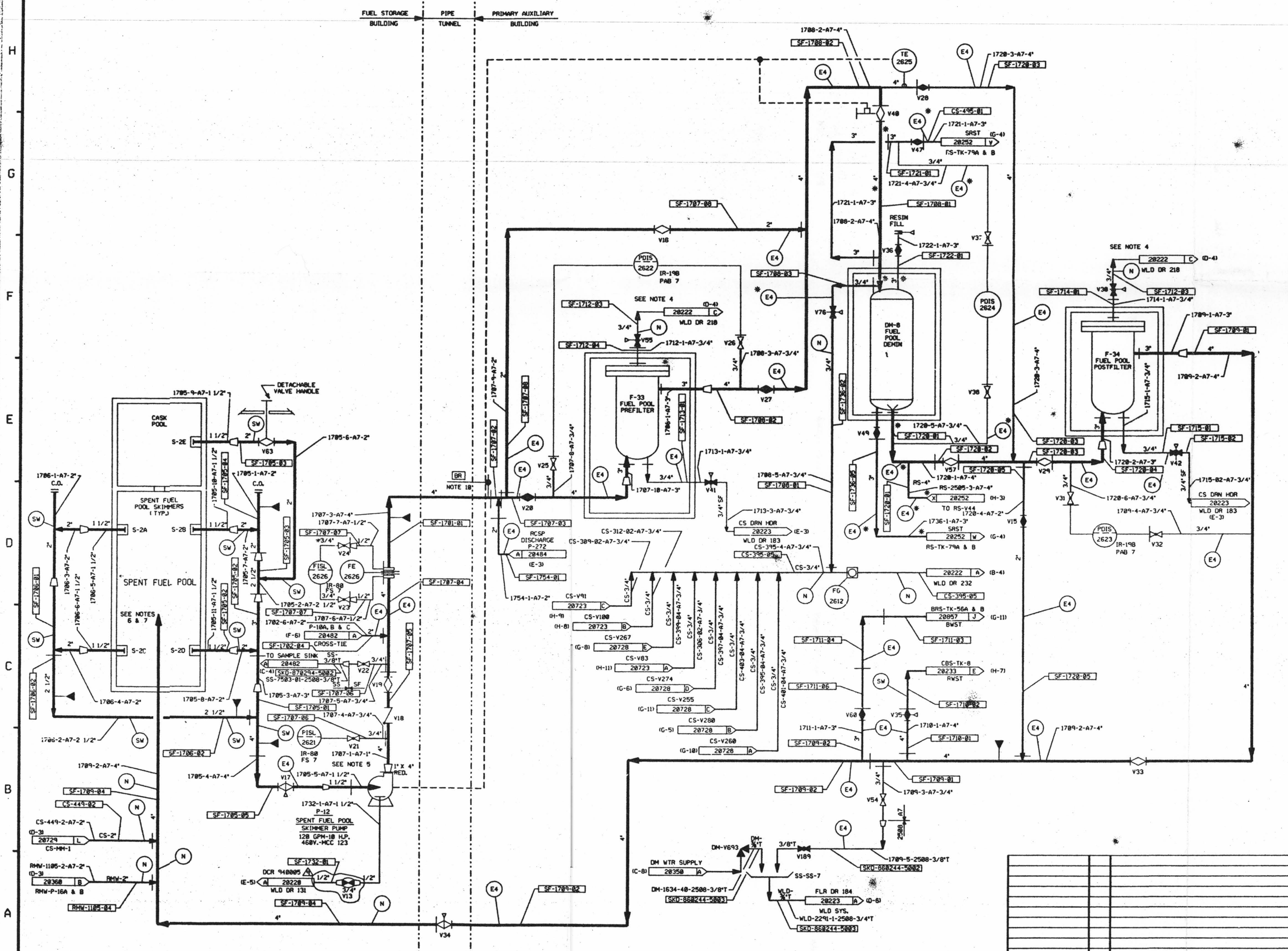
FOR INFORMATION ONLY

NHY PID:20483.DGN

PID- 1-SF-D20483

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
(symbol)	TEST BOUNDARY				
E4	INTEGRITY TEST (IS)	150 PSIG	225/245 PSIG	35	WATER
F1	INTEGRITY TEST	150 PSIG	187.5/199 PSIG	60	WATER
SW	STANDING WATER				
N	NO TEST REQUIRED				
E4*	(SEE NOTE B)	150 PSIG	225/245 PSIG	60	WATER

NOTES:

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

B. LINES MARKED WITH AN ASTERISK (*) INDICATES PIPING AND COMPONENTS TO BE TESTED AS PER REG. GUIDE 1.143 ALL OTHER LINES MAY BE INSERVICE TESTED OR TESTED PER THE LEGEND.

NOTES:

1. WORK THIS DRAWING WITH 20480, 20482 & 20484.
2. ALL LINES, VALVES, EQUIPMENT, COMPONENTS AND INSTRUMENTS HAVE SYSTEM PREFIX 1-SF, UNLESS NOTED OTHERWISE.
3. ALL LINES, VALVES, EQUIPMENT, COMPONENTS AND INSTRUMENTS ARE SAFETY CLASS NNS, UNLESS NOTED OTHERWISE.
4. VENT LINES FROM FILTERS ARE MANIFOLED AND RUN THROUGH A COMMON SIGHT GLASS. VALVES ARE LOCATED NEAR MANIFOLD.
5. SPECIAL TRANSITION PIECE.
6. RETURN TERMINATES 11 FT ABOVE SPENT FUEL ASSEMBLIES.
7. DELETED
8. RELOCATED
9. CLEANLINESS CLASS "B"
10. [BR] THIS SYMBOL DENOTES BUILDING BOUNDARY RESTRAINT SUPPORTS THAT ARE DESIGNED FOR SIESMIC CATEGORY 1 THAT ARE BEYOND THE BUILDING BOUNDARY TO THE FIRST ANCHOR (FIRST ANCHOR MAY CONSIST OF SEVERAL SUPPORTS COVERING THE X,Y,Z FUNCTIONS) SEE SUPPORT DRAWING FOR DETAILS.
11. S.D. NO. 27
12. △ INDICATES REVISION LEVEL

REV	DATE	DSGN	DRWN	CHKD	CDE	SES	DESCRIPTION
9	5/13/97	DWS	—		Bc	PEB	INCORP. DCR 940005 DCN14 & O
8	4/27/97	DWS	—	BCS	MPW	PEB	PARTIAL INCORP. DCR 940005 CA08 & 7
7	9/7/93	BCL	—	DWS	MRB	JLD	INCORP. MMOD 93-539 CA0
6	4/5/97	BCL	—	MPW	MRB	WFZ	INCORP. MMOD 91-507 CA0
5	5/08/92	MRB	—	DWS	MPW	BCL	INCORP. MMOD 91-511 CA2
4	5/04/92	MRB	FCB	JM	DWS	JEV	INCORP. DCR 86-244 CA0 RELOCATED NOTE 8 TO LEGEND NOTE B. REVISED LEGEND NOTE A.
3	5/21/91	MRB	FCB	JM	BCL	GRM	INCORP. DCR 87-294 CA04
2	1/19/87	JDM	TAK	WRD	BCL	VWS	INCORP. DCR 597
1	10/10/86	MPW	OPO	MPW	VNK	RRC	DELETED VALVE CS-V741(SHWN. ON CS P&ID) ADDED MITD REF. DRAWING REVISED PER ERECTION PIPING ISO SF-1708-02. ADDED LINE SIZES & INSTRUMENT RACK LOCATION. ADDED AND DELETED UE&C REF DWG. ADDED CONTINUATIONS
0	7/18/86	DWS	UE&C CADD	BCL	JM	RRC	ISSUED FOR OPERATIONS

REF. DRAWING NO.	REV	TITLE
9763-F-900139	6	CHEMICAL & VOLUME CONTROL SYSTEM PURIFICATION MITD
9763-F-900144	2	SPENT FUEL POOL COOLING & CLEAN UP SYS. MITD
9763-F-80511	19	CHEMICAL & VOLUME CONTROL SYSTEM
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-D20483

05/09/97

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