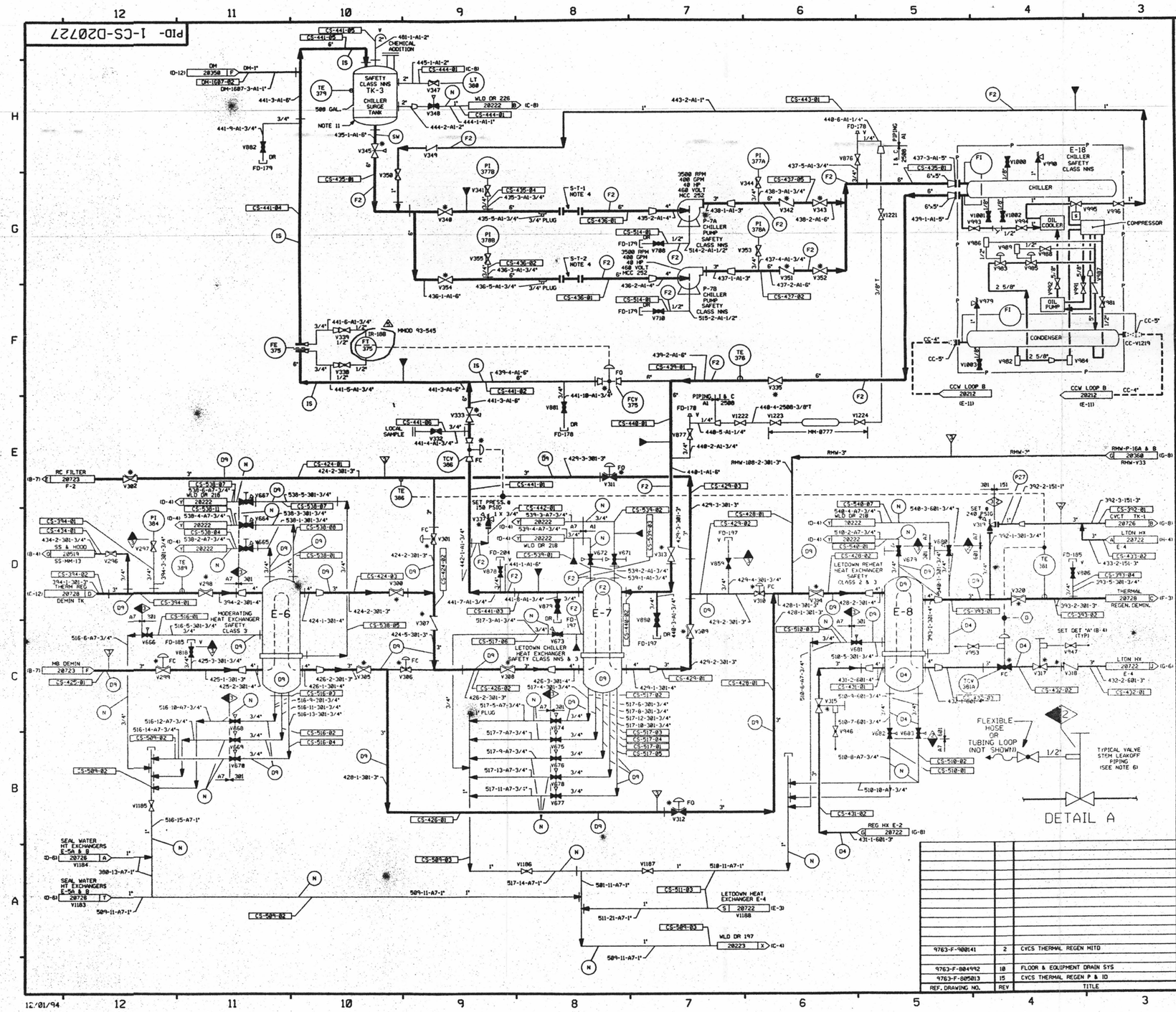
FOR INFORMATION ONLY



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				
D4	INTEGRITY TEST	600 PSIG	750/795 PSIG	35	WATER
D9	INTEGRITY TEST	240 PSIG	300/318 PSIG	35	WATER
E4	INTEGRITY TEST (IS)	150 PSIG	225/245 PSIG	35	WATER
E9	INTEGRITY TEST (IS)	200 PSIG	300/318 PSIG	35	WATER
F1	INTEGRITY TEST	150 PSIG	187.5/199 PSIG	35	WATER
F2	INTEGRITY TEST (IS)	100 PSIG	150/170 PSIG	35	WATER
P27	INTEGRITY TEST	75 PSIG	94/100 PSIG	35	AIR
SW	STANDING WATER				
IS	INITIAL SERVICE		N.O.P.		
N	NO TEST REQUIRED				

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

NOTES:
1) WORK THIS DWG WITH DWGS 20720 THRU 20726, 20728 & 20729.
2) ALL LINES, EQUIPMENT, COMPONENTS & INSTRUMENTS HAVE SYSTEM PREFIX "CS", UNLESS NOTED OTHERWISE
3) MAIN FLOW SHOWN DURING BORATION PHASE.
4) PERMANENT SPOOL PIECE INSTALLATION SHOWN. TEMP. SPOOL PIECE WITH STRAINER, PRESS. INSTR., VENTS & DRAINS INSTALLED ONLY DURING FLUSHING OPERATIONS AND IS REMOVED BEFORE START-UP.
5) VENT AND DRAIN CODE BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER 1-NMY-805111 UNLESS OTHERWISE NOTED.
6) REFER TO DRAWING VSL-20774 FOR VALVE LEAKOFFS.
7) INSTRUMENT REFERENCES:
(D) TO CONTROL VALVE TCV-381B ON DWG. 820722
8) CLEANLINESS CLASS "B".
9) * INDICATES VALVES SUPPLIED BY WESTINGHOUSE.
10) SD NO NAH/NCH 282
11) CHILLER SURGE TANK MUST BE HIGH POINT IN THE CHILLER CIRCUIT.

PORTIONS OF THIS DRAWING ARE

NUCLEAR SAFETY RELATED

REV	DATE	DSGN	DRWN	CHKD	CDE	SES	DESCRIPTION
5	12/9/94	MPW	—	BCL	DWS	MHO	INCORP MMOD 93-0545 CAD
4	3/20/89	MRB	RMC	GPM	APL	DJM	INCORPORATED DCR 88-10 CAD REVISED NOTE 2, 5 LEGEND NOTE A PER 9763-F-900000 & ANSI B31.1 1977 SEC 137.1.2E ADDED CONTINUATION COORDINATES.
3	5/25/88	GPM	RMC	APL	BCL	DJM	INCORP. DCR 87-323 ADDED SET PRESS. FOR V337 PER WESTINGHOUSE "PRECAUTIONS, LIMITATIONS & SET POINTS".
2	10/30/87	GPM	JM	DWS	BCL	PAS	REV'D NOTE 6, EQUIP CL PER UE&C P&ID, PIPING PER AS INSTALLED CONFIGURATION, AND ECA 99/806183C. DET "A" NOTE, NOTE 5, CCW PIPING TO E-18 LINE NO'S, LINE SIZES, LINE SPEC'S, LEGEND NOTE "A" PER 9763-F-900000 & ANSI B31.1-1977 SEC 137.1.2E. ADDED NOTE FOR CS-V947, CONT. COORD'S, P&ID REF NOTE, FLG'S FOR CS-V337 & 319, NOTE 11, MITD REF DWG. ALPHA DESIGNATION FOR TEST NOTE, SYS DESIGNATION FOR ISO DWG NO. DELETED REF DWG, NNS-1 CL BOUNDARY
1	9/12/86	MPW	DWS	MAP	BCL	RRC	INCORP ECA 99/806183C. ADDED SKID PIPING, CHANGE REF REV, REV CONTINUATION, CLOSED V859, REV NOTES & ADDED NOTE 10
0	6/26/86	DWS	UE&C	BCL	JMCS	RRC	ISSUED FOR OPERATIONS

REF. DRAWING NO.	REV	TITLE
9763-F-900141	2	CVCS THERMAL REGEN MITD
9763-F-804992	10	FLOOR & EQUIPMENT DRAIN SYS
9763-F-805013	15	CVCS THERMAL REGEN P & ID

North Atlantic Energy Service Corporation

SEABROOK STATION

CHEMICAL VOLUME & CONTROL SYSTEM THERMAL REGENERATION DETAIL

PID- 1-CS-D20727

12/01/94

D-18