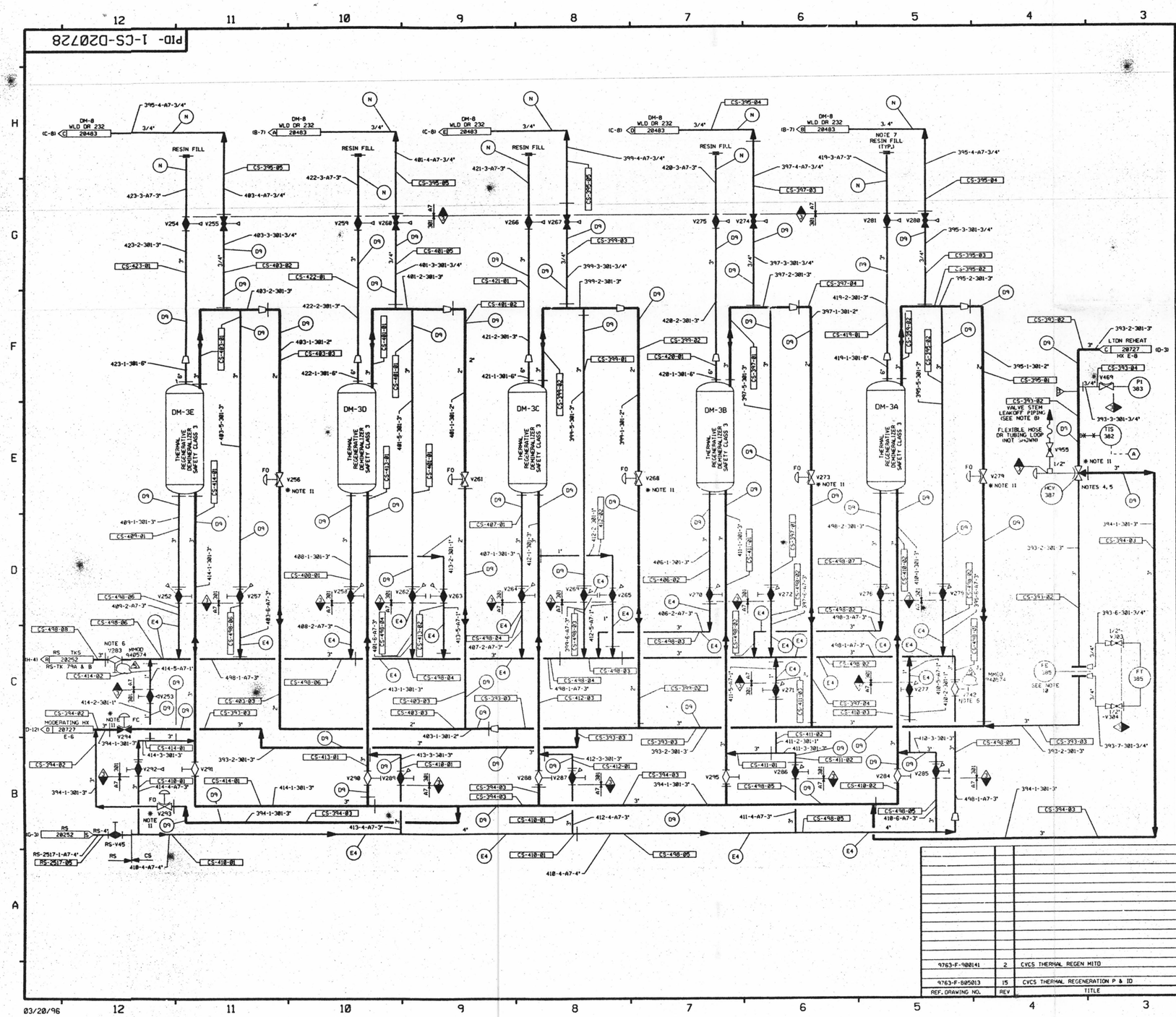
FOR INFORMATION ONLY

PID- 1-CS-D20728



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				
D9 — INTEGRITY TEST	2481 PSIG	3081/3181 PSIG	35	WATER
E4 — INTEGRITY TEST — IS — 150 PSIG		225/245 PSIG	35	WATER
N — NO TEST REQUIRED				

NOTE:
A. VENTS & DRAINS (ASME CL. 1, 2 & 3 NNS) SHALL BE TESTED TO THE FIRST ISOLATION VALVE.

NOTES:
1) WORK THIS DWG WITH DWGS 20720, 20722 THRU 20727 & 20729.
2) ALL PIPING, VALVES, EQUIPMENT & INSTRUMENTS HAVE SYSTEM PREFIX 'CS' UNLESS NOTED OTHERWISE.
3) MAIN FLOW IS SHOWN IN THE BORATION PHASE.
4) ALL VALVES ALIGNED FOR BORON REMOVAL (DILUTION).
5) FAILS TO BORON RELEASE POSITION (BORATION)
6) THESE VALVES TO BE CLOSED PRIOR TO ANY RESIN SLUICING OPERATIONS.
7) INSTALLED BLIND FLANGES WITHOUT GASKET.
8) REFER TO DRAWING VSL-20774 FOR VALVE LEAKOFFS.
9) INSTRUMENT REFERENCES:
   (A) TO THERMOWELL TIS-129 ON DWG 20722
10) ORIFICE PLATE NON ASME
11) ✱ INDICATES VALVE SUPPLIED BY WESTINGHOUSE
12) CLEANLINESS CLASS "B"
13) SYSTEM DESCRIPTION NO. NAH/NCH 282

PORTIONS OF THIS DRAWING ARE

NUCLEAR SAFETY RELATED

REV	DATE	DSGN	DRAWN	CHKD	CDE	SES	DESCRIPTION
5	3/26/96	BCS	—	DCS	MPW	VWS	INCORP MMOD 940574 CA*B
4	2/28/96	DWS	—	BCS	MPW	VWS	INCORP MMOD 940574 CA*B
3	4/13/95	MRB	—	BCL	DWS	JEV	INCORP. MMOD 91-515 CAB
2	8/21/87	GPM	HW	BCL	WDS	RRC	REVISION NOTE J & K, ADD'L DWG REF'S VSL-20774 & 20775, ADDED NOTE 6 PER TDR 1763, ADDED P&ID REF. DWG NOTE, CONT. COPY RESOLUTION FOR "RES" NOTE SYS DESIGNATION FOR ISO DWG, NOTE & LINE NOS & NOTE FOR VLV 387, DELETED REF DWG NO. NAS-1 TO EQUIPMENT
1	8/22/86	BCL	TAK	WRD	VNK	PHH	ADDED CONTINUATION DETAILS, NOTE 13, VALVE TYPE AND REVISED NOTE 6.
0	6/20/86	DWS	DEC 1986	BCL	JMS	RRC	ISSUED FOR OPERATIONS

REF. DRAWING NO.	REV.	TITLE
9763-F-900141	2	CVCS THERMAL REGEN MITD
9763-F-805013	15	CVCS THERMAL REGENERATION P & ID

North Atlantic Energy Service Corporation

RIVERBOOK STATION

CHEMICAL VOLUME & CONTROL SYS
THERMAL REGENERATION
DETAIL

PID- 1-CS-D20728

D-19