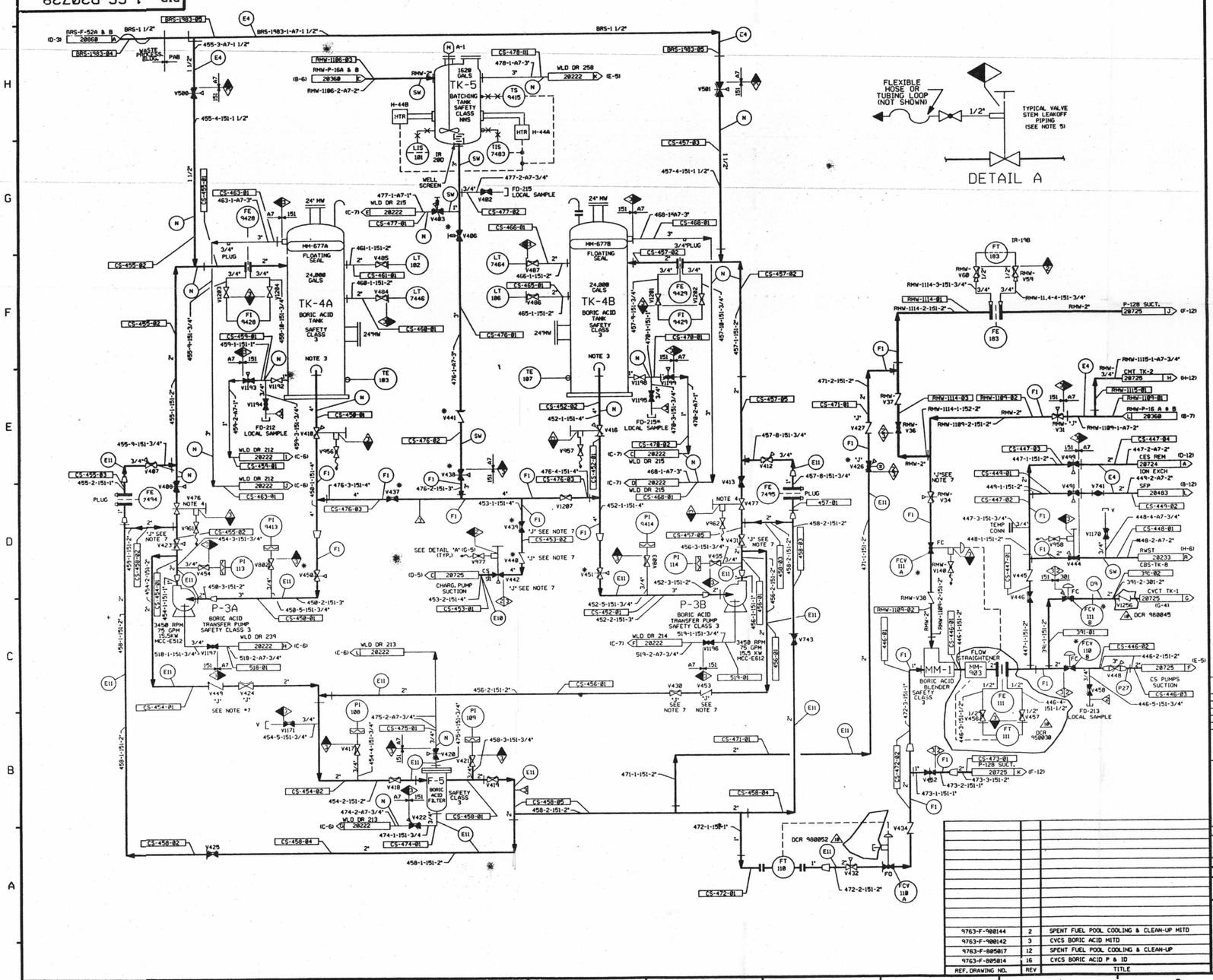
FOR INFORMATION ONLY

PID- 1-CS-D20729



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	248 PSIG	300/318 PSIG	35	D.M.WTR.
E4	INTEGRITY TEST (IS)	130 PSIG	225/245 PSIG	35	D.M.WTR.
E9	INTEGRITY TEST (IS)	200 PSIG	300/318 PSIG	35	D.M.WTR.
E11	INTEGRITY TEST	175 PSIG	218/232 PSIG	35	D.M.WTR.
F1	INTEGRITY TEST	150 PSIG	187.5/199 PSIG	35	D.M.WTR.
P27	INTEGRITY TEST	75 PSIG	94/100 PSIG	35	AIR/N 2
SW	STANDING WATER				
IS	INITIAL SERVICE		N.O.P.		
E10	INTEGRITY TEST	220 PSIG	275/291.5 PSIG	35	D.M.WTR.
N	NO TEST REQUIRED				

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

NOTES:
1. WORK THIS DWG WITH 20728 & 20722 THRU 20728.
2. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTS HAVE SYSTEM PREFIX CS, UNLESS NOTED OTHERWISE.
3. ALL BORIC ACID & BATCHING TANK EQUIP & PIPING SHOWN IS LOCATED IN AREA MAINTAINED AT A CONTROLLED TEMPERATURE
4. VALVE IS LOCKED INTO POSITION DURING OPERATIONAL TESTING TO LIMIT PUMP RUNOUT TO 75 GPM WHEN TRANSFERRING BATCHING TANK CONTENTS TO BORIC ACID TANK.
5. REFER TO DWG VSL-20774 FOR VALVE LEAKOFFS.
6. CLEANLINESS CLASS "B"
7. THE IDENTIFICATION 'J' NEAR A VALVE DENOTES THAT VALVE IS DESIGNATED FOR INSERVICE TESTING.
8. DELETED
9. DELETED
10. SYSTEM DESCRIPTION NO - NAM/NCH-282
11. ⊕ INDICATES VALVE SUPPLIED BY WESTINGHOUSE
12. DELETED DCR 980030

PORTIONS OF THIS DRAWING ARE
NUCLEAR SAFETY RELATED

REF. DRAWING NO.	REV	TITLE
9763-F-900144	2	SPENT FUEL POOL COOLING & CLEAN-UP MITD
9763-F-900142	3	CVCS BORIC ACID MITD
9763-F-805017	12	SPENT FUEL POOL COOLING & CLEAN-UP
9763-F-805014	16	CVCS BORIC ACID P & ID

REV	DATE	DSGN	DRWN	CHKD	CDE	SES	DESCRIPTION
10	4/26/99	DWS	—	RWS	RES	GBM	INCORP DCR 980052 DCN#200, DCR 980045 DCN#199 & REINCORPORATED DCR 950030 DCN#83
9	9/16/97	BCS	—	MPW	RWM	BAW	INCORP DCR 95-30 DCN 83
8	6/13/97	MPW	—	DWS	FAC	WNF	INCORP DCR 95-30 DCN 69
7	10/8/92	DWS	—	MRB	BCL	DMP	INCORP DCR 890873 CAN9 & 1
6	4/28/92	MRB	—	BCL	DWS	RRB	INCORP, MMOD 91-515 CAB
5	12/16/90	FCB	—	RMC	MRB	BCL	INCORP, MMOD 91-511 CAB1
4	3/16/89	MRB	RMC	GPM	APL	MJY	INCORPORATED DCR 88-142 CAB REVISED LEGEND NOTE A, NOTE 2, CONSTR. ISO NUMBER, LINE NUMBER PER QE & C P & ID 880814, V403 & V406 OPERATOR SYMBOL, & 150 BOUNDARY LOCATION. ADDED MAT'L. CLASS BREAK
3	12/15/87	GPM	RMC	DWS	BCL	PAG	REV'D NOTE 5, VLV NO. LEGEND, NOTE A PER "9763-F-900008 & ANSI B31.1-1977 ; ADDED LINE NO'S & SIZES, V1193 FLO'S AT FT110, PLUGS AT FE 7494 & 7495, NOTE FOR V1004, CONT CODE'S, CLASS DESIGNATIONS, P&ID REF DWG NOTE & LEAC P&ID REF DWG NOTE 16 ASTERISK AT APPLICABLE VLV'S, LINE NOS. & LEAC MITD REF DWG'S, ALPHA DESIGNATION FOR TEST NOTE & SYS DESIGNATION FOR REF DWG'S, DELETED NAT DWG NNS-1 CL BOUNDARY.
2	10/6/86	JDM	WES	MAP	BCL	PAH	INCORP ECA'S 88/118317A & 88/118448A
1	8/22/86	BCL	OPO	WRD	BCL	PAH	REVISED TO REFLECT AS-BUILT CONDITION, REVISED PER FT TRACINGS & CONFIRMATION REF, REVISED NOTE 5 ADDED NOTE 10
0	5/20/86	DWS	WEST CADD	BCL	JHS	RRC	ISSUED FOR OPERATIONS

North Atlantic Energy Service Corporation

SEABROOK STATION

CHEMICAL & VOLUME CONTROL SYS.
BORIC ACID
DETAIL

PID- 1-CS-D20729

03/29/99

D-20