FOR INFORMATION ONLY

PID- 1-CS-D20724

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				
TB	TEMPORARY TEST BOUNDARY				
P30	INTEGRITY TEST (IS)	75 PSIG	90/112 PSIG	35	AIR/N_2
D9	INTEGRITY TEST	240 PSIG	300/318 PSIG	35	WATER
F2	INTEGRITY TEST (IS)	15 PSIG	18/22.5 PSIG	35	AIR/N_2
E4	INTEGRITY TEST (IS)	150 PSIG	225/245 PSIG	35	WATER
P27	INTEGRITY TEST	75 PSIG	94/100 PSIG	35	AIR/N_2
N	NO TEST REQUIRED				

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

NOTES:
1. WORK THIS DWG WITH DWGS 20728, 20722, 20723, & 20725 THRU 20726.
2. ALL PIPING, VALVES, EQUIP & INSTRUMENTS HAVE SYSTEM PREFIX "CS", UNLESS NOTED OTHERWISE.
3. VALVE FAILS WITH FLOW TO CVCT
4. VALVE FAILS WITH FLOW TO LCV-112A
5. SEE DWG 20354 FOR WATER SUPPLY TO PUMP DOUBLE MECHANICAL SEALS.
6. REFER TO DWG YSL-20774 FOR VALVE LEAKOFFS.
7. INSTRUMENTATION REFERENCES
   (A) CHEM VOL CONTROL TK (CS-TK-1) LEVEL LT-112E & LT-185 ON DWG CS-20725
   (D)(E)(F) TO 1-CS-CV-3, 1-CS-CV-4 (AS-20578D), 1-DM-V285 (DM-20358D AND 1-CS-FV-7456 (CS-20724).
8. CLEANLINESS CLASS "B"
9. SYSTEM DESCRIPTION NO. 37
10. THESE ITEM SUPPLIED BY SENTRY BUT NOT MOUNTED ON DEGASIFIER SKID.
11. △ INDICATES REVISION LEVEL
12. ✱ INDICATES VALVE SUPPLIED BY WESTINGHOUSE.
13. V INDICATES INSTRUMENTATION SUPPLIED BY SENTRY.
14. ✱✱ DENOTES PIPING TO BE SCH 80S-SMLS TP 304, SA 312.

PORTIONS OF THIS DRAWING ARE
NUCLEAR SAFETY RELATED

DETAIL A
TYPICAL VALVE STEM LEAKOFF PIPING (SEE NOTE 6)

REV	DATE	DSGN	DRAWN	CHKD	CDE	SES	DESCRIPTION
11	9/23/94	DWS	—	PMS	RMS	GEM	INCORP DCR 980845 DCN#04
10	2/3/93	BCL	—	MRB	DWS	DJM	INCORP DCR 880179 CA#15 & 16
9	11-2-92	DWS	—	MRB	BCL	DJM	INCORP DCR 880179 CA#8
8	10-26-92	DWS	—	BCL	MRB	WFZ	INCORP. DCR 89080I CA#8, CHANGE SYS PREFIX ON V-952 TO WG-V52 PER WO-20773.
7	4/13/92	MRB	—	BCL	DWS	JEV	INCORP. MMOD 91-515 CA8
6	12/15/87	MRB	PMC	PAL	APL	ES	INCORP. DCR 86-113 CA 1
5	6/30/88	GPM	RMC	APL	BCL	PAS	REVISED VALVE SYMBOL V648 & 638, 639, 652, 653, 541, 642, 651 & 652 PER FP 9395, LEGEND NOTE A. ADDED LINE SIZE & RESTRICTING ORIFICE AND FLANGES TO INLET HOTWELL CONDENSOR PER FP 9376B. P&I DESIGNATION FOR V758 AND V838 PER MRT DWG 20824. DELETED P&I DESIGNATION FOR V672, 652, V651 PER MRT DWGS. 20822 AND NO. P&I DESIGNATION FOR V635 PER UE & C DWG 885937.
4	12/15/87	GPM	MRB	DWS	BCL	PAS	REVISED EQUIP. CL PER UE&C P&ID, REMOVED DUPLICATED PIPING, REVD LEGEND NOTE A PER ANSI B31.1-1977 SEC 137.12 E NOTE 6, INCORP DCR 87-92 ADDED FLEX HOSE & DESIGNATED VLVS PER DCR FOR CS-V987, 964, 965, 966, 975 & 932 PER MCR 86/145A. ADDED NOTE TO CS-V987, CAPTIONS, LEGEND SYMBOLS, & NOTE 12. ALPHA DESIGNATION FOR TEST NOTE. SYS DESIGNATION FOR ISO DWG NO.
3	1/23/87	JDM	OPO	WRD	BCL	RRC	INCORP DCR 618, REV.SED VALVE TYPE PER FP.
2	10/16/86	JDM	DWS	WRD	VMK	RRC	INCORP ECA 99/11/0282/AA, ECA 99/11/0283/AA & MCR 99/11/0A ADDED NOTES 10,11 & 12, ADDED CON REFS, REMOVED DUPLICATED PIPING SHOWN ON W. 2/0, ADDED SYS. CORRECTED VALVE TYPES PER UE&C P&ID'S ADDED LINE NOS.
1	8/14/86	MPN	TAK	WRD	BCL	RRC	ADDED PUMP AND TANK CAPACITIES, ADDED NOTE 9, REVISED CONTINUATIONS, UPDATED DWG & GENERAL REVISION
0	6/28/86	DWS	DEKE CAB	BCL	JMS	RRC	ISSUED FOR OPERATIONS

REF. DRAWING NO.	REV	TITLE
9763-F-900162	4	CVS LETDOWN DEGASIFIER MITD
9763-F-885037	11	CVCS LETDOWN DEGASIFIER P & ID

North Atlantic Energy Service Corporation

SEABROOK STATION

CHEMICAL & VOLUME CONTROL SYS. LETDOWN DEGASIFIER DETAIL

PID- 1-CS-D20724

04/19/99

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