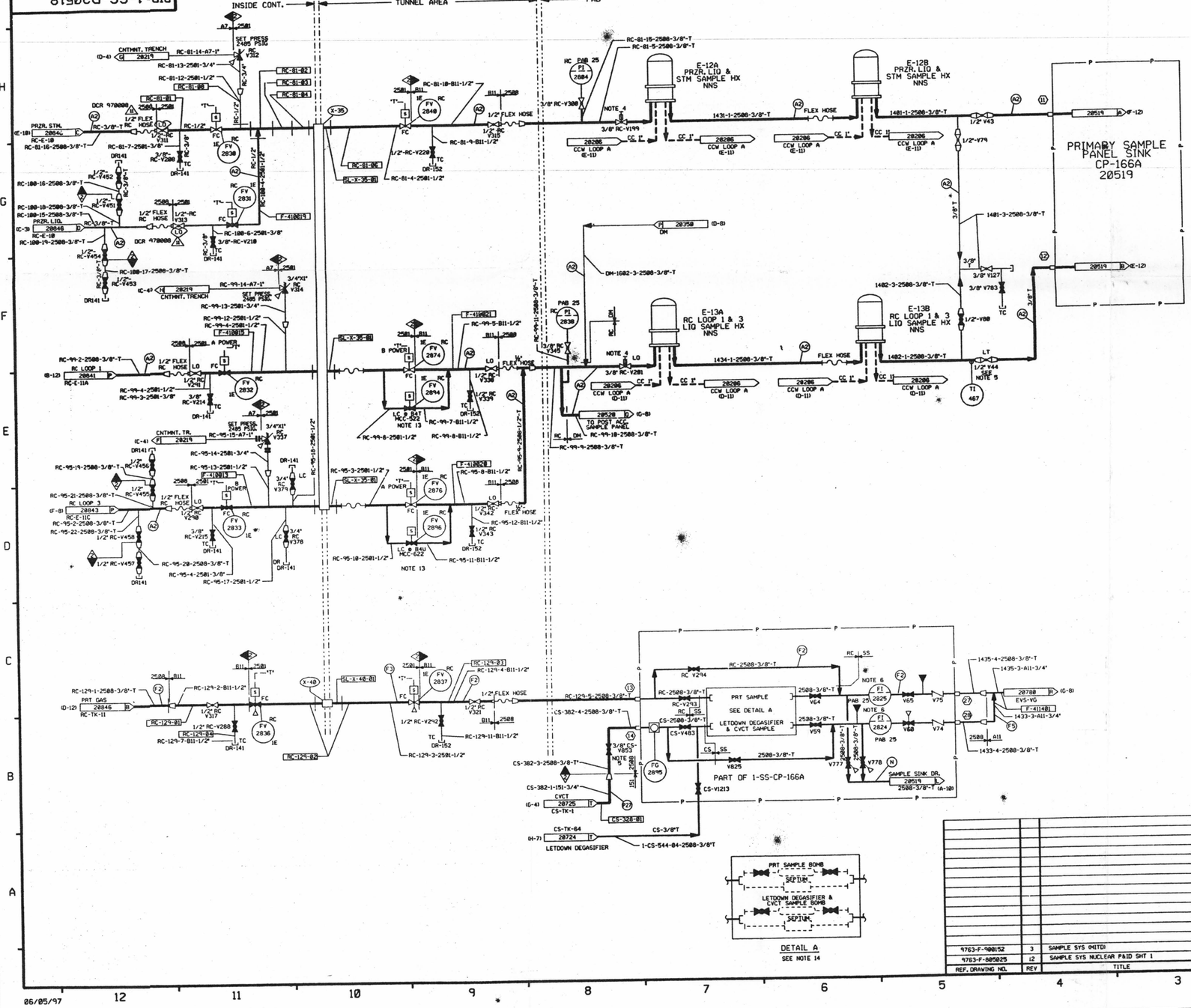
FOR INFORMATION ONLY

PID-1-SS-D20518

INSIDE CONT. | TUNNEL AREA | PAB



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				
A2	INTEGRITY TEST	2485 PSIG	3100/3292 PSIG	35	WATER
E4	INTEGRITY TEST (IS)	150 PSIG	225/245 PSIG	35	WATER
F2	INTEGRITY TEST (IS)	100 PSIG	150/170 PSIG	35	AIR/N_2
F3	INTEGRITY TEST	100 PSIG	125/132.5 PSIG	35	WATER
P5	INTEGRITY TEST (IS)	15 PSIG	18/22.5 PSIG	35	AIR/N_2
P27	INTEGRITY TEST	75 PSIG	94/100 PSIG	35	AIR/N_2
N	NO TEST REQUIRED				
IS	INITIAL SERVICE	N.O.P.			

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 DRAWING WITH DRAWINGS 20516, 20519 THRU 20522.
2. ALL LINES, EQUIPMENT, COMPONENTS AND INSTRUMENTS HAVE SYSTEM PREFIX SS, UNLESS NOTED OTHERWISE.
3. ALL SAMPLE INSTRUMENTATION INDICATION SHALL BE LOCATED ON A PANEL AT THE SAMPLE SINK.
4. REACH ROD OPERATED FROM THE SAMPLE ROOM SIDE OF THE SAMPLE HX, ROOM-SAMPLE WALL.
5. THIS VALVE SHALL BE ADJUSTED AND SET TO GIVE A 0.8 GPM SAMPLE FLOW FROM RPV LOOP 1 OR 3.
6. ALL FLOW INDICATORS ON SS-CP-166A & B HAVE INTEGRAL NEEDLE VALVES WHICH ARE NOT SHOWN ON THE P&ID.
7. ◯ TYPICAL CONNECTION IDENTIFICATION FOR SS-CP-166A & B
8. DELETED
9. DELETED
10. CLEANLINESS CLASS "B".
11. △ INDICATES REVISION LEVEL
12. VENTS, DRAINS AND TEST CONNECTION CODEBREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER 1-NHY-805111 UNLESS OTHERWISE NOTED.
13. VALVE DISABLED IN THE LOCKED CLOSED POSITION BY LOCKING BREAKERS BAT & B4U OPEN.
14. SAMPLE BOMBS AND SEPTUMS ARE INSTALLED DURING SAMPLING FUNCTIONS. EITHER THE SAMPLE BOMB OR THE SAMPLE SEPTUM MAY BE USED. SEE DETAIL A (A-6).

PORTIONS OF THIS DRAWING ARE

NUCLEAR SAFETY RELATED

REV	DATE	DSGN	DRWN	CHKD	COE	SES	DESCRIPTION
11	6-13-97	DWS	—	MPW	FAC	DMQ	INCORP. DCR 970008 DCN#00
10	12/9/94	DWS	—	BCL	MPW	MHQ	INCORP. MMOD 93-545 CA#0
9	4/21/92	MRB	—	BCL	DWS	JEV	INCORP. MMOD 91-515, CA0
8	9/24/91	MRB	RMC	JM	APL	WFD	INCORP. MMOD 91-582, CA 28
7	5/23/91	MRB	FCB	JM	CCM	BCL	INCORP MMOD 90-386 CA04
6	10/25/90	MRB	PCB	JM	APL	WFD	RE-INCORP DCR 87-76 CA01
5	8/21/90	MRB	JM	APL	BCL	GLM	INCORPORATED MMOD 90-555 CA 00
4	12/28/89	MRB	FCB	PAL	APL	ES	INCORP. DCR'S 86-113 CA01, 87-268 CA0, 87-76 CA01. REVISED: NOTE 4,6. DELETED: NOTE 8,9. ADDED: REACH ROD SYMBOL TO VALVES V149 & V201 PER NOTE 4.
3	2/11/89	GPM	RMC	MRB	APL	DJH	INCORPORATED DRR 88-51 REV 1 REVISED: NOTES 1 & 2, LEGEND NOTE A
2	3/22/88	GPM	RMC	BCL	APL	RRC	REVISED: EQUIPMENT TITLES, INCORP. ECA 85/1149878, NOTE 12, LEGEND NOTE #13 9763-F-900008 & ANSI B31.1 1977 SEC. 137.1.2E ADDED: EQUIPMENT SAFETY CLASS, REFERENCE DRAWING REV NUMBER DELETED: INCOMPLETE ITEM
1	10/9/86	MAP	DWS	JDM	BCL	RRC	ADDED NOTE 12 DWG CONT. LOCATION CODE AND MISC REF. DWGS. DELETED CODE BREAKS REVISED TO CLARIFY DUPLICATION OF SYSTEM. REVISED VALVE SIZE, VALVE NO. AND RED PER PIPING ISO ITEM, ISO'S #SS-001, SS004, DWG. IDENT. CHANGE PER ECA 85/1149878 PARTIAL RELOCATION OF FCV 2836 FROM CORRECTED LOCATION OF FCV 2836 FROM UPSTR OF FV-2836 UPSTR OF FV-2840 TO UPSTR OF FV-2836, INCORP. ECA 85/1184734.
0	6/26/86	GFS	GFS	BCL	JH	RRC	ISSUED FOR OPERATIONS

REF. DRAWING NO.	REV	TITLE
9763-F-900152	3	SAMPLE SYS (MITD)
9763-F-805025	12	SAMPLE SYS NUCLEAR P&ID SHT 1

North Atlantic Energy Service Corporation

SEABROOK STATION

SAMPLE SYSTEM (NUCLEAR-NORMAL OPERATION) DETAIL

PID- 1-SS-D20518

06/05/97

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