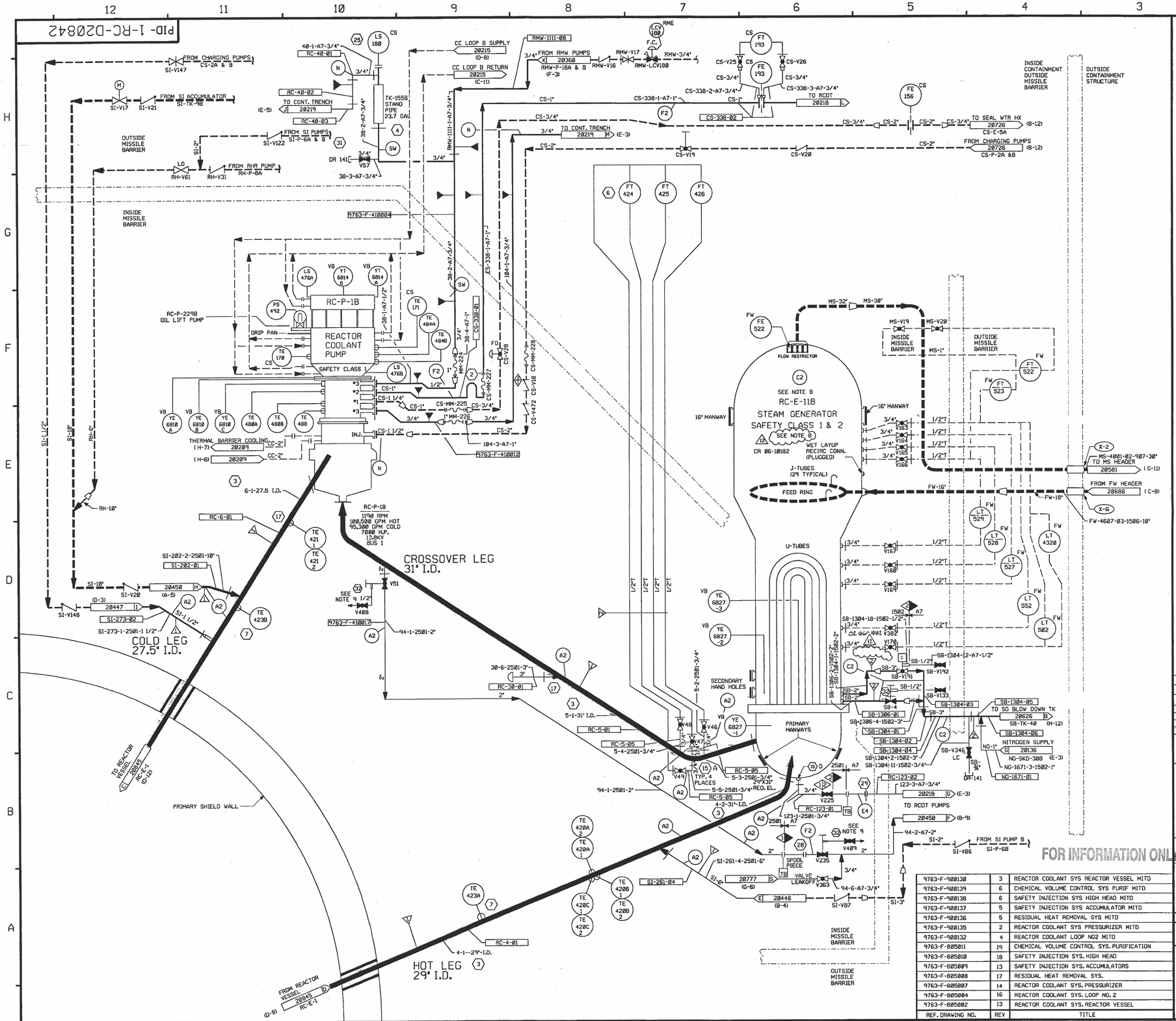

FOR P&ID REFERENCE DRAWINGS, SYMBOLS AND ABBREVIATIONS REFER TO DRAWINGS P&ID - LEGEND 1 AND P&ID - LEGEND 2

LEGEND

		DESIGN PRESSURE		TEST PRESSURE	MIN. TEST TEMP° F	TEST MEDIUM
	TEST BOUNDARY					
TB	TEMPORARY TEST BOUNDARY					
A2	INTEGRITY TEST	2485 PSIG		3106/3292 PSIG	100	D.M.WTR.
C2	INTEGRITY TEST	1185 PSIG		1481/1570 PSIG	100	D.M.WTR.
E4	INTEGRITY TEST	IS	150 PSIG	225/245 PSIG	35	D.M.WTR.
E9	INTEGRITY TEST	IS	200 PSIG	300/318 PSIG	35	D.M.WTR.
F2	INTEGRITY TEST	IS	100 PSIG	150/170 PSIG	35	WATER
P6	INTEGRITY TEST	IS	10 PSIG	15/18 PSIG	35	AIR/N_2
SW	STANDING WATER					
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.
B. THE TEMPERATURE OF BOTH VESSEL AND WATER MUST BE ABOUT THE SAME AND AT LEAST 120 F, BUT LESS THAN 150 F. SEE STEAM GENERATOR MANUAL FP 55134 FOR ADDITIONAL HYDROTEST REQUIREMENTS.

NOTES:
1. ⬡ INDICATES GENERAL NOTE NUMBER - REFER TO DRAWING 20848 FOR GENERAL NOTES.
2. WORK THIS DRAWING WITH DRAWINGS 20840, 20841 AND 20843 THROUGH 20846 AND 20848.
3. ALL LINES, EQUIPMENT, COMPONENTS, AND INSTRUMENTATION HAVE SYSTEM PREFIX RC UNLESS OTHERWISE NOTED.
4. VENT, DRAIN & TEST CONN. CODE BREAKS ARE AT THE DOWNSTREAM END OF THE OUTER ISOLATION VALVE PER 1-NHY-805111 UNLESS NOTED OTHERWISE.
5. △ INDICATES REVISION LEVEL.
6. CLEANLINESS CLASS "B" (SB SYSTEM IS CLASS "C"). 12
7. SYSTEM DESCRIPTION NO. IS NAH/NCH 201.
8. THE STEAM GENERATOR SHELL SIDE IS ANS SAFETY CLASS 2 AND WAS MANUFACTURED AS ASME CODE CLASS 1.
9. VALVE STEM LEAK-OFF ISOLATION VALVES V408 & V409 ARE TO BE MAINTAINED CLOSED. VALVE STEM LEAK-OFF TO BE CONSIDETED INOPERABLE. CR 06-10182

PORTIONS OF THIS DRAWING ARE
NUCLEAR SAFETY RELATED

REF. DRAWING NO.	REV	TITLE
9763-F-920130	3	REACTOR COOLANT SYS REACTOR VESSEL MITD
9763-F-920139	6	CHEMICAL VOLUME CONTROL SYS PURIF MITD
9763-F-920138	6	SAFETY INJECTION SYS HIGH HEAD MITD
9763-F-920137	5	SAFETY INJECTION SYS ACCUMULATOR MITD
9763-F-920136	5	RESIDUAL HEAT REMOVAL SYS MITD
9763-F-920135	2	REACTOR COOLANT SYS PRESSURIZER MITD
9763-F-920132	4	REACTOR COOLANT LOOP NO2 MITD
9763-F-805011	19	CHEMICAL VOLUME CONTROL SYS. PURIFICATION
9763-F-805010	18	SAFETY INJECTION SYS. HIGH HEAD
9763-F-805009	13	SAFETY INJECTION SYS. ACCUMULATORS
9763-F-805008	17	RESIDUAL HEAT REMOVAL SYS.
9763-F-805007	14	REACTOR COOLANT SYS. PRESSURIZER
9763-F-805004	16	REACTOR COOLANT SYS. LOOP NO. 2
9763-F-805002	13	REACTOR COOLANT SYS. REACTOR VESSEL

REV	DATE	DSGN	CHKD	CE	DESCRIPTION
12	2-23-07	BCS	JWL	RRB	INCORP CR 06-10182 REV. 0
11	4/13/05	BCS	JM	RRB	INCORP DCR 03-012 DCN-00
10	7/3/98	DWS	MPW	DJM	INCORP DCR 98-046 DCN-00
9	7/22/94	BCL	DWS	JMcC	INCORP DCR 94-14 CA-0
8	11/3/92	DWS	BCL	ES	INCORP DCR 92-003 CA-0
7	4/14/92	MRB	DWS	JEV	INCORP. MMOD 91-515 CA0
6	12/29/89	MRB	APL	WFD	INCORP. MMOD 89-599 CA
5	10/14/88	MRB	GPM	RRC	INCORP. NCR 88-68 REV 1 REVISED: LEGEND NOTE A ADDED VALVE LEAKOFF SYMBOL TO CLARIFY CLASS BREAK FOR SB-V191 & SB-V4 PER UE&C P&ID 805004.
4	12/15/87	GPM	DWS	PAG	REV'D PIPING PER ERECTION ISO, NOTES, RENUMBERED NOTES, TRANFERED TECH. NOTES TO GENERAL NOTES ON DWG. RC-20849, LEGEND NOTE A PER 9763-F-900020 & ANSI B31.1-1977, SEC. 137.1.2E. ADDED: DETAIL LETTER DESIGNATION FOR FLOW RESTRICTOR, GEN. NOTE NO'S; ALPHA DESIGNATION FOR TEST NOTE SYS. DESIGNATION, CONT. COORD. DELETED: DUPLICATED PIPING & INFO OF ASSOC. SYS'S, FLEX HOSES, REDUNDANT CL BOUNDARY AND NOTES.
3	5/1/87	GPM	DWS	VWS	DELETED Y7742A & B AND NOTE 5, ADDED YE6810A, B & C, YT6814A & B PER DRAWING 9763-M-506309
2	3/18/87	JDM	OPO	VWS	INCORP DCR 87-0074
1	10/17/86	PAL	BCL	RRC	ADDED 3/4" DIA. TO ROOT VLV. LINES. CORRECTED TUBING LINE SIZE TO 1/2". WAS 3/4". DELETED REF. DWGS. N/A. REVD TO CLARIFY DUPLICATION OF ASSOC. SYS. ADDED NCR 86-068 TO INCOMP. ITEMS LIST. MS-1296 WAS MS-V296 PER UE&C P&ID. ADDED RE. LVC COORD. RELOCATED MS-V19 & MS-V20 IN ERROR. REVISED NOTE 14, ADDED NOTES 15 & 16.
0	6/27/86	TAK	BCL	RRC	ISSUED FOR OPERATIONS

FPL ENERGY Seabrook Station

REACTOR COOLANT SYSTEM LOOP NO. 2

D-03

PID- 1-RC-D20842

02/21/07