

PENETRATION NO. SEE NOTE 11	PENETRATION DESCRIPTION											PENETRATION ASSEMBLY DESCRIPTION												PROCESS LINE DESCRIPTION						REMARKS									
	SERVICE	ELEVATION	AZIMUTH	SLEEVE MATERIAL	MINIMUM SLEEVE SIZE (CND NO.)	INSIDE CONTAINMENT CELL NUMBER	SLEEVE LENGTH (IN) SEE NOTE 10		PENETRATION DETAIL	ACTUAL SLEEVE SIZE (CND NO.)	THICKNESS (IN) SEE NOTE 12	MATERIAL REQUIREMENTS					OPERATE BASE EARTHQUAKE DESIGN LOADS				SAFE SHUTDOWN EARTHQUAKE DESIGN LOADS			WELDING END DETAILS			DESIGN PRESSURE (PSIG)	DESIGN TEMPERATURE (°F)	FLOW DIRECTION		NOMINAL LINE SIZE	WALL THICKNESS	MATERIAL	A R W E CLASSIFICATION	PIPE SCHEDULE				
							INSIDE	OUTSIDE				INSIDE	OUTSIDE	INSIDE	OUTSIDE	INSIDE	OUTSIDE	INSIDE	OUTSIDE	INSIDE	OUTSIDE	INSIDE	OUTSIDE	INSIDE	OUTSIDE	INSIDE										OUTSIDE	INSIDE	OUTSIDE	
R12E0053	PPS PRIMARY CHANNEL C (RC)	844'-9"	75°	CS	11-376	1G7	8	18	N-11	NN766	12	N.A.	80	200	CS	NA	NA	NA	NA	1500	300	1000	0	1800	500	1200	0	II E	NN700	NA	NA	10	250°	NA	NA	NA	2	NA	NOTE 1-H
R12E0054	SPARE (CA)	843'-6"	21°			1G1A																																	
R12E0055	SPARE (PB)	830'-0"	21°			1G1A																																	
R12E0056	SPARE	826'-0"	75°			1G4																																	
R12E0057	INSTRUMENTATION CLASS 1E DIV 2 (12)	826'-0"	22°30'			1G1A																																	
R12E0058	INSTRUMENTATION CLASS 1E DIV 1 (11)	744'-8"	131°			105F																																	
R12E0059	SPARE (PA)	843'-8"	24°			1G1A																																	
R12E0060	INTEGRATED LEAK RATE TEST (INSTR)	830'-0"	24°			1G1A																																	
R12E0061	SPARE (SC)	833'-0"	70°52'			1G4																																	
R12E0062	SPARE (PA)	847'-6"	32°			1G1A																																	
R12E0063	SPARE (CA)	847'-6"	35°			1G1A																																	
R12E0064	DELETED																																						
R12E0065	CONTROL CLASS 1E DIV 1 (C1)	847'-6"	56°	CS	11-376	1G1A	8	18	N-11	NN766	12	NA	80	200	CS	NA	NA	NA	NA	1500	300	1000	0	1800	500	1200	0	II E	NN700	NA	NA	10	250°	NA	NA	NA	2	NA	NOTE 1-H
R12E0066	INSTRUMENTATION NORMAL A SYSTEM (IA)	847'-6"	36°			1G1A																																	
R12E0067	480V PWR CLASS 1E DIV 1 (P1)	847'-6"	60°			1G1A																																	
R12E0068	INSTRUMENTATION CLASS 1E DIV 2 (12)	743'-0"	213°			105A	42	28	N-12																														
R12E0069	480V PWR NORMAL A SYSTEM (PA)	847'-6"	41°			1G1A	8	18	N-11																														
R12E0070	CONTROL NORMAL A SYSTEM (CA)	847'-6"	44°																																				
R12E0071	INTEGRATED LEAK RATE TEST (INSTR)	847'-6"	47°		11-376																																		
R12E0072	SPARE (11)	847'-6"	50°		11-376																																		
R12E0073	INSTRUMENTATION CLASS 1E DIV 1 (11)	847'-6"	53°			1G1A																																	
R12E0074	SPARE (RC)	847'-6"	71°			1G7																																	
R12E0075	CONTROL NORMAL B SYSTEM (CB)	826'-0"	95°22'			1G4																																	
R12E0076	SPARE (CB)	820'-0"	97°22'			1G4																																	
R12E0077	DELETED																																						
R12E0078	SPARE (1B)	826'-0"	100°42'	CS	11-376	1G4	8	18	N-11	NN766	12	NA	80	200	CS	NA	NA	NA	NA	1500	300	1000	0	1800	500	1200	0	II E	NN700	NA	NA	10	250°	NA	NA	NA	2	NA	NOTE 1-H
R12E0079	INSTRUMENTATION NORMAL B SYSTEM (1B)	826'-0"	102°42'			1G4																																	
R12E0080	SPARE (SA)	826'-0"	276°			1G2																																	
E0081	DELETED																																						
R12E0082	SPARE (RA)	843'-6"	273°	CS	11-376	1G5	8	18	N-11	NN766	12	NA	80	200	CS	NA	NA	NA	NA	1500	300	1000	0	1800	500	1200	0	II E	NN700	NA	NA	10	250°	NA	NA	NA	NA	NA	NOTE 1-H
R12E0083	PPS SECONDARY CHANNEL A (SA)	830'-0"	278°			1G2																																	
R12E0084	PPS PRIMARY CHANNEL A (RA)	847'-6"	278°			1G5																																	
R12E0085	4160V PWR NORMAL A SYSTEM (YA)	825'-6"	108°		16-126	1G1A															3000	550	2000		3800	1000	2400												
R12E0086	480V PWR CLASS 1E DIV 3 (P3)	825'-6"	111°30'		11-376																1500	300	1000		1800	500	1200												
R12E0087	SPARE (PA)	850'-11"	215°																																				
R12E0088	SPARE (CA)	850'-11"	218°																																				
R12E0089	INSTRUMENTATION NORMAL A SYSTEM (IA)	845'-6"	215°																																				
R12E0090	SPARE (1B)	828'-0"	119°																																				
R12E0091	SPARE (CB)	832'-0"	119°																																				
R12E0092	SPARE (PB)	836'-0"	119°																																				
R12E0093	SPARE	849'-0"	119°			1G1A																																	
R12E0094	480V PWR CLASS 1E DIV 2 (P2)	743'-0"	216°			105A	42	28	N-12	NN766	12	NA	80	200	CS	NA	NA	NA	NA																				
R12E0095	DELETED																																						
R12E0096	DELETED																																						

PRC APERTURE CARD

NOTES: REFERENCE DWGS AND LEGEND SEE DWGS NS1293 & NS1294

REV	NO	DESCRIPTION	DATE	BY	CHKD	APP'D	REV	NO	DESCRIPTION	DATE	BY	CHKD	APP'D	REV	NO	DESCRIPTION	DATE	BY	CHKD	APP'D	REV	NO	DESCRIPTION	DATE	BY	CHKD	APP'D	REV	NO	DESCRIPTION	DATE	BY	CHKD	APP'D
1	0	THICKNESS AND MATERIAL REQUIREMENTS COLS(A-G TO K-G) (A-S TO K-S) HOLD 27000057 BY ADDING INFO FOR WELDING END DETAILS COL (A-S TO K-S) HOLD 27000056 BY DELETING CONTAINMENT ISOLATION METHOD COL (K-2) REVISED SLEEVE LENGTH FOR PEN LOOPS 67,69,828,84,11A/ND-1103					2	1	DELETED PEN E0064, RE-DESIGNATED N0036, RE-DESIGNATED PEN E0071 FROM TQD TO INTEGRATED LEAK RATE TEST INSTN & REVISED SLEEVE ID FROM 11.876 TO 2.364, CINDT 27AA/CD10-75					3	1	REVISED LOG-PEN. E0087, 88, 89, (C7), CINDT 27AA/CD10-85, E0089, (S7), CINDT 27AA/CD10-86					4	1	ADDED: "											

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