

PENETRATION NO SEE TABLE 1	PENETRATION DESCRIPTION											PENETRATION ASSEMBLY DESCRIPTION										PROCESS LINE DESCRIPTION						REMARKS					
	SERVICE	E ELEVATION	AZIMUTH	SLEEVE MATERIAL	MINIMUM SLEEVE SIZE (INS ID)	INSIDE CONTAINMENT CELL NUMBER	SLEEVE LENGTH (INS)		PENETRATION DETAIL	ACTUAL SLEEVE SIZE SEE NOTE 12	MATERIAL REQUIREMENTS		OPERATE BASE EARTHQUAKE DESIGN LOADS				SAFE SHUTDOWN EARTHQUAKE DESIGN LOADS				WELDING END DETAILS				DESIGN PRESSURE (PSI)	DESIGN TEMPERATURE (°F)	FLOW DIRECTION		NOMINAL LINE SIZE	WALL THICKNESS	MATERIAL	ASME CLASSIFICATION	PIPE SCHEDULE
							INSIDE	OUTSIDE			TYPE	WELD	TYPE	WELD	TYPE	WELD	TYPE	WELD	TYPE	WELD	TYPE	WELD	TYPE	WELD									
							NO	NO			NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO									
R12E0001	4160V PWR NORMAL A SYSTEM (YA)	744'-0"	286°	CS	11.376"	1095C	42	28	NH-12	NH766	12	NA	NA	NA	NA	3200	150	900	0	3700	300	1100	0	IE	NN700	NA	NA	NA	2	KA	NOTE 1H		

PRC  
APERTURE  
CARD

NO	REV	DESCRIPTION	DATE	BY	CHKD	APP'D
1	01	ADDC INFO FOR WELDING END DETAILS COLUMN (AK-3), HOLD #2700056 BY DELETING CONTAINMENT ISOLATION METHOD COLUMN (AK-7) REINFORC SLEEVE LENGTH FOR PEN EOOD1 THR EOOD4 (C-F-G) CINDT 27A/DC-1105				
2	02	DELETED HOLD #2700056 AND ADDED SERVICE DESCRIPTION FOR PEN R12E0001 THRU R12E0052. CINDT 27C/DD-1206				
3	03	DELETED EOOD5, EOOB, EOD-27-030, D-26-003				
4	04	ADDED PEN EOOD4, WAS EOOD18, D-10, CINDT 27A-CND-75				
5	05	REVISED LOC PEN EOOD5, THRU (N-16), EOOD18, 19, 20, 23, 25 (F-11), EOOD4 (D-1) CINDT 27A/C5 DD-086				
6	06	ADDED SEE NOTE 11 TO PENET # COL (AK-3) SEE NOTE 10 TO SLEEVE LENGTH COLUMN (INS) INSIDE CONTAINMENT CELL # (AK-6) DELETED HOLD #2700056 BY ADDING INFO FOR PENET DETAIL ACTUAL SLEEVE SIZE, REINFORCING INSERT THICKNESS AND MATERIAL REQUIREMENTS COLUMN (AK-5-6) HOLD #2700056 BY				

NUCLEAR SAFETY RELATED  
PROJECT MANAGEMENT CORP.  
BLINDS DIVISION  
DRECHEN REACTOR PLANT  
PWR'S AND DDC, 116,  
ENGINEERS AND ARCHITECTS  
BRUNNER REACTOR DIVISION, ORBELL, D.S.  
REACTOR CONTAINMENT BUILDING  
ELECTRICAL  
PENETRATION LIST  
DWG. NO. NS1245  
REV. 5  
SM. 02

DDAELE EECBURO

EEC PROJ

R.D.S

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