



(28) 100# CHEMETRON MAIN CABLE VAULT HIGH PRESSURE CO2 SYSTEM

(36) 75# KIDDE SECOND SHOT RESERVE SYSTEM

- NOTES:
1. ALL 3/4" AND SMALLER PIPE SHALL BE ASTM A53 SEAMLESS GRADE A OR B OR ASTM A106 SEAMLESS GRADE A, B OR C BLACK OR GALV. SCH. 40.
 2. ALL 1" AND LARGER PIPE SHALL BE ASTM A53 SEAMLESS GRADE A OR B OR ASTM A106 SEAMLESS GRADE A, B OR C BLACK OR GALV. SCH. 80.
 3. ALL 3/4" AND SMALLER FITTINGS SHALL BE EITHER CLASS 150 (EXISTING) OR CLASS 300 (NEW) MALLEABLE IRON BLACK OR GALVANIZED.
 4. ALL 1" AND LARGER FITTINGS SHALL BE CLASS 300 MALLEABLE IRON BLACK OR GALVANIZED.
 5. MATERIALS AND METHODS SHALL BE IN ACCORDANCE WITH NFPA 12.
 6. SEE DRAWING G-191163 SHEET 3 FOR LOW PRESSURE CO2 SYSTEM P&ID.
 7. SEE DRAWING 5920-11896 FOR EAST AND WEST SWITCHGEAR ROOMS LOW PRESSURE CO2 SYSTEMS PIPING PLANS AND GENERAL ARRANGEMENT.

SYSTEM INTENDED FUNCTION BOUNDARY

COMPONENTS SUBJECT TO AMR
 FIRE PROTECTION - CO2 SYSTEM AMRM-18

DEAN & ALLYN, INC.
 FIRE PROTECTION - SPECIAL HAZARD
 PO BOX 709, GRAY, MAINE 04039
 207/651-5646 FAX 207/651-5647

CO2 SYSTEM UPGRADES - P&ID
 CABLE VAULT
 HIGH PRESSURE CO2 SUPPRESSION SYSTEM
 G-191163, SHT. 4

NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
0	3-22-00	ORIGINAL ISSUE PER MM 99-002, JO 99-0034	PMR	WTT	DFG	6-7-00
1	3-27-00					
2	6-7-00					

REV	DESCRIPTION	BY	CHKD.	APPD.	REVISIONS	DATE
0						

APPROVED BY	PLM	1/21/99	TITLE	
DRAWN BY	DAS	7/14/99		
CHECKED BY	DAS	7/14/99		
AT DEAN & ALLYN, INC.				
SCALE	1/4" = 1'-0" U/N			
SHEET NO.	40F	4		

VERMONT YANKEE VERNON, VERMONT CONTROL ROOM BUILDING CABLE VAULT EAST AND WEST SWITCHGEAR ROOMS	CONTRACT NO. C9812206
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NO.	DATE	DESCRIPTION	BY	ENG	CHK	APP
REVISIONS						
LRA-G-191163-SH-04-0						
C&D FILE LRA-G-191163-SH-04_00.DGN						
PLOTTER FILE N/A						

D-21