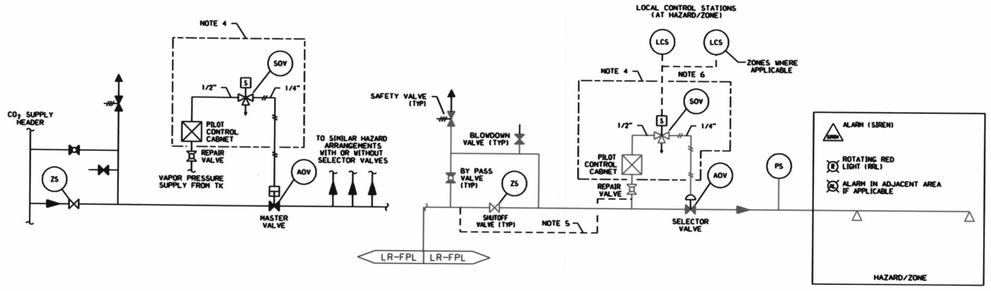
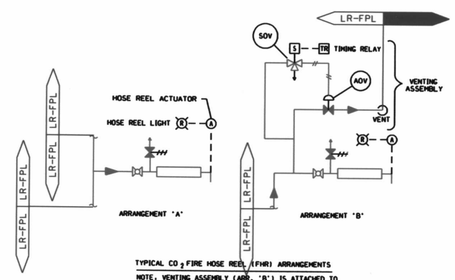


TYPICAL CO_2 HAZARD/ZONE ARRANGEMENT

ELECTRICAL EQUIPMENT (MARK NO'S) ASSOCIATED WITH CO_2 HAZARD/ZONES

ZONE NO.	RRL NO.	AL NO.	LCS NO.
253XL	2FPL-RRL001	2FPL-AL001	2FPL-LCS037
333XL	2FPL-RRL505	2FPL-AL505	2FPL-LCS532 2FPL-LCS537
336XL	2FPL-RRL504	2FPL-AL504	2FPL-LCS531 2FPL-LCS536
342XL	2FPL-RRL506	2FPL-AL506	2FPL-LCS533
395XL	2FPL-RRL000	2FPL-AL000	2FPL-LCS000
601XL	2FPL-RRL501	2FPL-AL501	2FPL-LCS528
602XL	2FPL-RRL500	2FPL-AL500	2FPL-LCS527
612XL	2FPL-RRL503	2FPL-AL503	2FPL-LCS530
613XL	2FPL-RRL502	2FPL-AL502	2FPL-LCS529
726XL	2FPL-RRL705	2FPL-AL701	2FPL-LCS793
739ML	2FPL-RRL704	———	2FPL-LCS791 2FPL-LCS792
740XL	2FPL-RRL706	2FPL-AL702	2FPL-LCS794
757XL	2FPL-RRL708	2FPL-AL708	2FPL-LCS787
758ML/W	2FPL-RRL701	2FPL-AL703	2FPL-LCS790
759ML/W	2FPL-RRL702	2FPL-AL703	2FPL-LCS789
760ML/W	2FPL-RRL703	2FPL-AL703	2FPL-LCS788



TYPICAL CO_2 FIRE HOSE REEL (FHR) ARRANGEMENTS

NOTE. VENTING ASSEMBLY (ARR. 'B') IS ATTACHED TO ONE FHR IN EACH GROUP. REMAINING FHRS IN EACH GROUP ACTIVATE THE ASSEMBLY.

ELECTRICAL EQUIPMENT FOR CO_2 FIRE HOSE REELS

FHR NO.	SOV NO.	TR NO.	FHR NO.	SOV NO.	TR NO.
2FPL-FHR1	2FPL-SOV196	2FPL-TR700	2FPL-FHR16	2FPL-SOV199	2FPL-TR500
2FPL-FHR2	↓	↓	2FPL-FHR17	↓	↓
2FPL-FHR3	↓	↓	2FPL-FHR18	↓	↓
2FPL-FHR4	2FPL-SOV197	2FPL-TR701	2FPL-FHR19	2FPL-SOV233	2FPL-TR002
2FPL-FHR5	↓	↓	2FPL-FHR22	2FPL-SOV200	2FPL-TR001
2FPL-FHR6	↓	↓	2FPL-FHR23	2FPL-SOV200	2FPL-TR001
2FPL-FHR7	2FPL-SOV232	2FPL-TR702	2FPL-FHR24	2FPL-SOV201	2FPL-TR501
2FPL-FHR8	↓	↓	2FPL-FHR25	2FPL-SOV201	2FPL-TR501
2FPL-FHR10	↓	↓	2FPL-FHR9	NO VENTING ASSEMBLY	NO VENTING ASSEMBLY
2FPL-FHR28	↓	↓	2FPL-FHR13	↓	↓
2FPL-FHR11	2FPL-SOV198	2FPL-TR502	2FPL-FHR15	↓	↓
2FPL-FHR12	↓	↓	2FPL-FHR20	↓	↓
2FPL-FHR14	↓	↓	2FPL-FHR21	↓	↓
			2FPL-FHR27	↓	↓

CO_2 SYSTEM VALVES AND ASSOCIATED POSITION SWITCH MARK NO.

VALVE NO.	POSITION SWITCH	VALVE NO.	POSITION SWITCH
2FPL-V3	2FPL-ZS203	2FPL-V20	2FPL-ZS214
2FPL-V4	2FPL-ZS202	2FPL-V21	2FPL-ZS215
2FPL-V11	2FPL-ZS205	2FPL-V22	2FPL-ZS216
2FPL-V12	2FPL-ZS206	2FPL-V23	2FPL-ZS217
2FPL-V13	2FPL-ZS207	2FPL-V24	2FPL-ZS218
2FPL-V14	2FPL-ZS208	2FPL-V25	2FPL-ZS219
2FPL-V15	2FPL-ZS209	2FPL-V26	2FPL-ZS220
2FPL-V16	2FPL-ZS210	2FPL-V27	2FPL-ZS221
2FPL-V17	2FPL-ZS211	2FPL-V28	2FPL-ZS222
2FPL-V18	2FPL-ZS212	2FPL-V29	2FPL-ZS223
2FPL-V19	2FPL-ZS213	2FPL-V30	2FPL-ZS226

NOTES.

1. ALL INSTRUMENT AND EQUIPMENT NUMBERS TO BE PREFIXED WITH "FPL" EXCEPT WHERE A DIFFERENT PREFIX IS SHOWN.
2. ALL EQUIPMENT, INSTRUMENTS, PIPING AND VALVES ARE SUPPLIED BY L.P. CO_2 CONTRACTOR (SPEC NO P482M) UNLESS OTHERWISE NOTED.
3. ALL PRESSURE RELIEF DEVICES SHALL BE SO LOCATED THAT DISCHARGE OF CO_2 WILL NOT INJURE PERSONAL OR BE OTHERWISE OBJECTIONABLE.
4. INDICATES EQUIPMENT PIPING CONTAINED WITHIN THE PILOT CONTROL CABINET.
5. REPRESENTS PILOT PIPE ROUTING FOR ZONE NOS. 758ML/W, 759ML/W, 760ML/W, 601XL, 602XL, 612XL & 613XL. REFER TO P1D-42A & C FOR ALL OTHER ZONES.
6. ALL LOCAL PANELS AND ALARMS ARE SHOWN FOR COMPONENT IDENTIFICATION PURPOSES. SEE P1D-42A & C FOR CONTROL ARRANGEMENT.

LR NOTE:
PLEASE REFER TO DRAWING LR-000 SHEETS 2A THROUGH 2F
FOR LR BOUNDARY DRAWING NOTES. SYMBOLS. AND ACRONYMS.

QA CAT III

NF	REV	DATE	DESCRIPTION OF REVISION	M.O.	DFT	DES	CHKD	ENG		ELEC	MECH	STR

Constellation Energy Group

NINE MILE POINT NUCLEAR STATION
UNIT 2 – SCRIBA, N.Y.

FIRE PROTECTION
LOW PRESSURE CO_2

SCALE

DRAWING NO LR-45B-0

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