



- NOTES**
1. LOCATE VALVE CLOSE TO SPENT FUEL PIT WALL.
 2. TERMINATE PIPE 6 FT ABOVE FUEL ASSEMBLIES.
 3. DRILL 1/2" HOLE 4" BELOW WATER LEVEL.
 4. SPOOL PIECES FOR INSTALLATION OF STRAINERS DURING PRE-OPERATIONAL TESTING, LOCATE AS CLOSE TO PUMP AS POSSIBLE.
 5. LOCATE VALVE AS CLOSE AS POSSIBLE TO CONTAINMENT WALL.
 6. THIS CONNECTION MUST PHYSICALLY BE INTO THE TOP OF A HORIZONTAL RUN.
 7. ALL PIPING IN THIS DIAGRAM IS 140B3 UNLESS OTHERWISE INDICATED.
 8. PROVISION SHALL BE MADE FOR DRIVING THE SPENT FUEL PIT PUMPS FROM EMERGENCY DIESEL GENERATORS AS INDICATED.
 9. LOCATE 4 FT BELOW NORMAL WATER LEVEL.
 10. SEE DRAWING M-82-3 FOR REFUELING WATER PURIFICATION PUMP DRAINS.

PRC APERTURE CARD

DWG. CONTINUED FROM M-63 SHT. 1
SPLIT FOR CLARITY PER PSI REQUEST

NUCLEAR SAFETY RELATED
ITEMS ARE SHOWN ON THIS DRAWING
(FOR SAFETY CLASSIFICATION SEE SYSTEM
CLASSIFICATION BOUNDARY DEFINITION ON M-34-1)

DRAWING RELEASE RECORD					DRAWING RELEASE RECORD					SCALE		PROJECT NUMBER	DRAWING NO.	REV.	
REV.	DATE HELD	PREPARED	REVIEWED	APPROVED	REV.	DATE HELD	PREPARED	REVIEWED	APPROVED	PURPOSE	FILE				FILE

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A	08-18-83									---FOR FAB & CONSTRUCTION PER SPEC. Y-2739 FOR INFORMATION PER SPEC. Y-2702					
B	11-11-83									REVISED REPLICATE FEATURES & ADDED UNIQUE FEATURES PER FORMAL ANALYSIS --- FOR FAB & CONSTR. PER SPEC. Y-2739 FOR INFO Y-2702					

DIAGRAM OF FUEL POOL COOLING AND CLEAN UP

BYRON BRAIDWOOD STATION 1&2
COMMONWEALTH EDISON CO.
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SARGENT & LUNDY
CHICAGO

M-63 H

DIAGRAM OF FUEL POOL COOLING AND CLEAN UP

MARBLE HILL NUCLEAR GENERATING STA. UNITS 1 & 2
PUBLIC SERVICE INDIANA
PLAINFIELD, INDIANA

SARGENT & LUNDY
CHICAGO

M-63 B

SHEET 2 OF 2

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RIDS

