



SIZE E

REF. NO.	REFERENCE DRAWINGS	BECHTEL No.	DATE
1	NUCLEAR BOILER P&ID	M-41	
2	REACTOR WATER CLEANUP P&ID	M-41	7/26/68
3	REACTOR BUILDING COOLING WATER P&ID	M-13	
4	CLEANUP FILTER/DEMINERALIZER P&ID	M-45	
5	P&ID	M-49	
6	P&ID LEGEND	M-50	
7	LIQUID RADWASTE-EQUIP DRAIN PROC.	M-52	
8	PROCESS SAMPLING P&ID	M-25	
9	CONDENSATE P&ID	M-58	
10	FEEDWATER P&ID	M-55	
11	GE REACTOR WATER CLEANUP P&ID	M-118/119/120/121	

NON-REGENERATIVE HEAT EXCHANGER 10E208

1. THE RWCS IS A CLASS 3 SEISMIC SYSTEM EXCEPT AS NOTED.
2. CHEMICAL CLEANING AND DECONTAMINATION CONNECTIONS SHALL BE PROVIDED TO GIVE OPTIMUM DECONTAMINATION. CONNECTIONS SHALL BE ARRANGED TO PROVIDE DECONTAMINATION OF ONE PIECE OF EQUIPMENT SEPARATELY FROM ALL OTHER EQUIPMENT.
3. NON-REGENERATIVE HEAT EXCHANGER SHIELD VALVES AND PIPING DESIGNED TO ALARM AND ISOLATE.
4. HIGH ΔFLOW TO ALARM AND ISOLATE.
5. PIPING SYSTEM HIGH POINT VENTS AND LOW POINT DRAINS ARE TO BE ADDED AT ALL HIGH POINTS AND LOW POINTS SERVED BY EQUIPMENT VENTS AND DRAINS.
6. THE G E MPL NUMBER FOR THIS SYSTEM IS G31.
7. TEMPERATURE LEAK DETECTION FOR THIS SYSTEM IS SHOWN ON P&ID M-25. THE TEMPERATURE INSTRUMENTS ARE INDEXED AS PART OF THIS P&ID (M-44).
8. THESE VALVES ARE FAST ACTING V-PATTERN TYPE GLOBE VALVES.
9. THESE VALVES ARE SERVICE RATED AT 900 PSI TO MEET DESIGN CONDITIONS.
10. RWCS PUMPS ARE SUPPLIED WITH RAISED FACE FLANGES ON SUCTION AND DISCHARGE NOZZLES. CAUTION: 900 PSI RATING, DISCHARGE - 1500 PSI RATING.
11. THE CRD RETURN FLOW SHALL ENTER THE RWCS RETURN FLOW IN A HORIZONTAL RUN OF RWCS RETURN LINE.

POOR ORIGINAL

NUCLEAR ENERGY SERVICES
 DRAWN BY *[Signature]*
 CHECKED BY *[Signature]*
 GROUP A
 GROUP B
 GROUP C

ALL PIPING DESIGNATED BY IS ASME CODE SECT. II (V), (VI), EXCEPT
 THIS ISI IS BASED ON P&ID 8031-M-44 REV.13

USE THIS DOCUMENT FOR INSERVICE INSPECTION ONLY. BACKGROUND MAY NOT BE CORRECT.

3	INCORPORATED BECHTEL COMMENTS	<i>[Signature]</i>
2	CLARIFY EXEMPTION NOTATION	
1	INCORPORATED BECHTEL COMMENTS	

PROC APERTURE CARD

REVISION 2 OF THIS P&ID REQUIRES REVISION OF THE FOLLOWING RELATED DOCUMENTS:

QAD	YES	NO	NA
PD TEXT	YES	NO	NA
LOGIC DIAGRAM	YES	NO	NA

4. UPDATE AS NOTED PER M-44
 REV. 13 AND INCORPORATED BECHTEL COMMENT

BECHTEL
 SAN FRANCISCO

LIMERICK GENERATING STATION UNITS 1 & 2
 PHOENIX ELECTRIC COMPANY

ISI
 REACTOR WATER CLEAN-UP

8031	DISCIPLINE No.	4012
8031	ISI-M-44	4

8910040269

RIDS

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