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SACRAMENTO MUNICIPAL UTILITY DISTRICT, P.O. Box 15830, Sacramento, California 95813, (916) 452-3211

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November 24, 1980

Mr. R. H. Engelken, Director
Region V, Office of Inspection
and Enforcement
U.S. Nuclear Regulatory Commission
Suite 202, Walnut Creek Plaza
1990 North California Boulevard
Walnut Creek, CA. 94596

Docket 50-312
Rancho Seco Nuclear Generating
Station, Unit No. 1
IE Bulletin 80-23
Features of Solenoid Valves Manufactured
by Valcor Engineering Corporation

Dear Mr. Engelken:

The District has reviewed the solenoid valves in use at Rancho Seco and found no Valcor solenoid valves.

This completes the requirements outlined in the subject Bulletin.

Sincerely,

John J. Mattimoe
Assistant General Manager
and Chief Engineer

cc: Director of Nuclear Reactor Regulation
ATTN: Mr. Robert W. Reid, Chief
Operating Reactors, Branch 4
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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REVISED 11-20-80
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CALCULATION SHEET

SIGNATURE [Signature] DATE 10-20-79 CHECKED [Signature] DATE 10-20-79 CALCULATION NO. 79-14-2
 PROJECT RAMMO SEC'D MPS UNIT JOB NO. 12334-552 SHEET 1 OF 1 SHEETS
 SUBJECT 79-14 SECOND INSPECTION

SYSTEM	LINE NUMBERS	STRESS CALC NO.	CONFORMANCE WITH IE 79-14 LAPD IMPLEMENTATION PROGRAM*					ADDITIONAL NOTES/FINDINGS	DISPOSITION	
			Pipe Geometry	Support Location	Support Design	Flange/Attachments	Valves		Penetrations	INITIAL
NUCLEAR SERVICE RAW WATER	41340-10-HE2	73	NO	NO	NO	79-02 N/A	YES	YES	A. REDESIGN PS-1 B. TIGHTEN W-BOLT DU PS-2 C. REDESIGN PS-11	A. SAME AS INITIAL B. REANALYZE FOR EFFECTS OF SUPPORT LOCATION DEVIATIONS. C. AS-BUILT ZUD 11-20-80 (SEE NOTE)
A. GEOMETRY DEVIATIONS:			DATA PL		ANALYZED DIMENSION	ACTUAL DIMENSION				
			25 TO 30	4.75 FT.	61 INCHES (5.08 FT.)					
			22 TO 225	10.2 FT.	157 INCHES (13.1 FT.)					
B. SUPPORT LOCATION DEVIATIONS:			PASSET	ANALYZED DIMENSION	ACTUAL DIMENSION					
			85	11 90	2.31 FT.	67 INCHES (5.58 FT.)				
			175	14 170	15.09 FT.	97 INCHES (8.08 FT.)				
			190	17 195	1.55 FT.	149 INCHES (12.41 FT.)				
C. SUPPORT SPAN DEVIATIONS:			DNA PTS	PS ANALYZED SPAN	ACTUAL SPAN					
			85-100	11-12	14.14 FT.	204 INCHES (17 FT.)				
D. 15 SETS OF FLANGES WERE NOT INCLUDED IN THE ANALYSIS.										
A. PS-1 (DATA PT. 20) CANNOT WITHSTAND THE SEISMIC DESIGN LOAD OF 5602 LBS. IN NORTH-SOUTH DIRECTION.										
E. PS-2 (DATA PT. 35) MAY NOT WITHSTAND THE SEISMIC DESIGN LOAD OF 506 LB. IN EAST-WEST DIRECTION (IT CAN IF U-BOLT IS TIGHTENED TO "O" CLEARANCE ON TOP										
G. PS-11 (DATA PT. 85) MAY NOT WITHSTAND THE SEISMIC DESIGN LOAD OF 618 LBS.)										

NOTE: THE REANALYSIS INCLUDES ALL FLANGES NOTED IN THE AS-BUILT CONFIGURATION INCLUDING TWO NOTED BY THE NRC INSPECTOR.
ZUD 11-20-80

*ITEMS WHICH DO NOT SATISFY THE TOLERANCES GIVEN IN IE 79-14 LAPD IMPLEMENTATION PROGRAM ARE FURTHER DESCRIBED UNDER "ADDITIONAL NOTES/FINDINGS"