SMUD
SACRAMENTO MUNICIPAL UTILITY DISTRICT □ 6201 S Street, Box 15830, Sacramento, California 95813; (916) 452-3211

October 27, 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, California 94596

Docket 50-312
Rancho Seco Nuclear Generating
Station, Unit No. 1
IE Bulletin 80-18
Maintenance of Adequate Minimum
Flow Through Centrifugal Charging
Pumps

Dear Mr. Engelken:

The District has reviewed the high pressure injection system at Rancho Seco and has performed the calculations outlined in IE Bulletin 80-18. These calculations showed that both high pressure injection pumps can be operated continuously with reactor coolant system pressure at the set-point of the pressurizer safety valves without damaging the pumps. With the "weak" pump maintaining 80 gpm (minimum flow for 4200 seconds) the HPI system will be capable of producing in excess of 2700 psig while the reactor coolant system will be at 2525 psig.

No corrective action is required.

Twenty-five man-days were required to complete the actions required by this bulletin.

Sincerely,

John J. Mattimoe

John J. Mattimoe
Assistant General Manager
and Chief Engineer

cc: NRC Office of Inspection
and Enforcement
Division of Construction
Inspection
Washington, D.C. 20555

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