



July 26, 1979

Mr. Harold R. Denton
Director
Office of Nuclear Reactor Regulation
USNRC
Washington, D.C. 20555

Docket No. 50-312
Rancho Seco Nuclear Generating
Station, Unit No. 1

Dear Mr. Denton:

The Sacramento Municipal Utility District hereby submits information on long term modifications to Rancho Seco Nuclear Generating Station as required by your letter of June 27, 1979. Also included is required small break model information.

In their May 7, 1979 Order, the Nuclear Regulatory Commission listed four long term modifications which were proposed in the District's April 27, 1979 letter. The status of those four long term items follows:

Auxiliary Feedwater System Upgrade - The District carefully reviewed Auxiliary Feedwater System operating procedures and verified that system design requirements are satisfied. The system was modified to improve both system flow indication and actuation information in the control room. The District will continue to review the design of the Auxiliary Feedwater System and if additional analysis or system enhancements are required, they will be made.

Integrated Control Systems Failure Modes and Effects Analysis - The District is currently reviewing a draft report of the failure modes and effects analysis. The review will be complete by July 27, 1979 and returned to Babcock and Wilcox. Babcock and Wilcox expects to submit the final report to the Nuclear Regulatory Commission Staff during the week of July 30, 1979.

Safety Grade Anticipatory Trips - In its May 21, 1979 response to Inspection and Enforcement Bulletin No. 79-05B, the District submitted conceptual design drawings for upgrade of existing anticipatory trips from control grade to safety grade. Upon approval of the conceptual design by the Nuclear Regulatory Commission Staff, detailed design drawings will be submitted within three months. Upon approval of detailed design by the Nuclear Regulatory Commission Staff, hardware procurement can be complete within 9 months. The hardware will be installed at the next refueling after arrival.

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Operator Training - All Rancho Seco Nuclear Generating Station licensed operators (5 reactor operators and 1 senior reactor operator) have completed TMI-2 related training on the B&W simulator at Lynchburg, Virginia. The final operator completed training on June 21, 1979. The District's May 14, 1979 response to the May 7, 1979 Nuclear Regulatory Commission Order details the extensive training program.

The May 7, 1979 Nuclear Regulatory Commission Order also required information on the model used in analysis of potential small breaks. Model description is included in the analysis titled "Evaluation of Transient Behavior and Small Break in the 177 Fuel Assembly Plant" submitted by Babcock and Wilcox to the NRC staff on May 7, 1979. The analysis was formally transmitted by the B&W letter of May 8, 1979 (Taylor to Mattson). Additional model information will be submitted by September 15, 1979.

Sincerely yours,



W. S. Bossenmaier
Acting General Manager