



**SMUD**

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

July 11, 1980

Director of Nuclear Reactor Regulations  
Attn: Mr. Robert W. Reid, Chief  
Operating Reactor Branch 4  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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

Dear Mr. Reid:

Your letter of November 19, 1979, requested additional information on Containment Purge and Vent Systems and contained six items. The District responded to Items 1, 2, 3, 4, and 5 in our January 24, 1980 letter. The purpose of this letter is to complete our response by answering Item No. 6.

Item No. 6 requested the following information:

"Provide an analysis of the reduction in containment pressure resulting from the partial loss of containment atmosphere during the accident for ECCS backpressure determination."

This analysis may be found in Section 14.3.8.2 of the FSAR. The analysis shows that only 1/300 of the containment atmosphere would be released should a LOCA occur during a reactor building purge. The containment pressure reduction is directly proportional to the amount of containment atmosphere released. The containment pressure for ECCS backpressure determination is therefore reduced by 1/300.

If you have any questions, please contact Larry Smith on (916) 452-3211, extension 621.

Sincerely,

*Wm. C. Walbridge*  
Wm. C. Walbridge  
General Manager

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