



SMUD

SACRAMENTO MUNICIPAL UTILITY DISTRICT □ 6201 S Street, P.O. Box 15830, Sacramento CA 95852-1830, (916) 452-3211
AN ELECTRIC SYSTEM SERVING THE HEART OF CALIFORNIA

MAR 06 1989

AGM/NTS 89-042

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Docket No. 50-312
Rancho Seco Nuclear Generating Station
License No. DPR-54
NRC BULLETIN NO. 88-11: PRESSURIZER SURGE LINE THERMAL STRATIFICATION

Attention: George Knighton

References: D. F. Spond, Babcock and Wilcox Owners Group (B&WOG) letter
to Charles E. Rossi, NRC, dated February 24, 1989.

The District, in accordance with Bulletin Requested Action 1.a, performed a VT-3 visual examination of the pressurizer surge line. This examination included the piping (with insulation installed) and associated supports. Results of the inspection were acceptable, with no signs of unanticipated expansion/movement of the pipe. For certain sections of this piping an examination of only one side was possible due to high radiation levels present in the inspection area. This inaccessibility does not reduce the District's confidence that the pressurizer surge line has not experienced gross discernible distress or structural damage.

As detailed in the referenced letter, the District, as a member of the B&WOG, is evaluating thermal stratification and striping and the effects on the pressurizer surge line. Striping, being a relatively newly discovered phenomenon, is difficult to effectively quantify. The B&WOG is initially performing the bounding analysis requested by Bulletin Requested Action 1.b without considering the effects of thermal striping. The results of this analysis will be submitted in accordance with the schedule provided in the Bulletin. The District will submit the results of a bounding analysis considering both stratification and striping on or before October 31, 1989.

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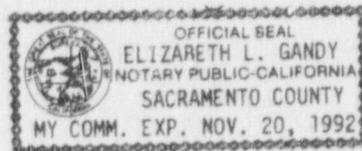
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Members of your staff with questions requiring additional information or clarification may contact Mr. Dave Swank at (209) 333-2935, extension 4920.

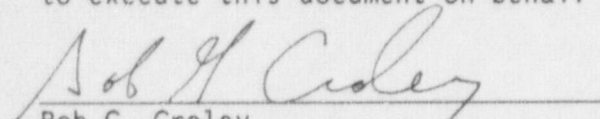
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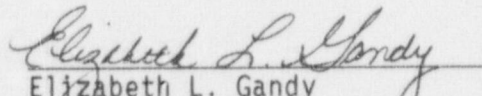
County of Sacramento



Bob G. Croley, being first duly sworn, deposes and says: that he is Assistant General Manager, Nuclear Technical Services of Sacramento Municipal Utility District (SMUD), the licensee herein; that he has executed the foregoing document; that the statements made in this document are true and correct to the best of his knowledge, information, and belief, and that he is authorized to execute this document on behalf of said licensee.


Bob G. Croley
Assistant General Manager
Nuclear Technical Services

Subscribed and affirmed to before me on this 6th day of March, 1989.


Elizabeth L. Gandy
Notary Public

Attachment

cc w/atch: J. B. Martin, NRC, Walnut Creek
A. D'Angelo, NRC, Rancho Seco