



January 16, 1991

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U. S. Nuclear Regulatory Commission
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SUBJECT: Arkansas Nuclear One - Unit 1
Docket No. 50-313
License No. DPR-51
Additional Time Required to
Respond to NRC Bulletin 88-11
(TAC No. 72108)

Gentlemen:

By letter 0CNA128827 (dated December 20, 1988), the NRC issued Bulletin 88-11 "Pressurizer Surge Line Thermal Stratification". The Bulletin required Entergy Operations to perform inspections of the pressurizer surge lines at the first available cold shutdown after receipt of the Bulletin which exceeded seven days. The inspections were to determine if any gross discernable distress or structural damage had occurred to the pressurizer surge line. Action 1.b of the Bulletin required Entergy Operations to demonstrate, within four months of receipt of the Bulletin, that the surge line meets the applicable design codes and other regulatory commitments, considering the phenomenon of thermal stratification and thermal striping in the fatigue and stress evaluations. Action 1.d requested the licensees to update their stress and fatigue analyses to ensure compliance with applicable Code requirements, incorporating any observations from the inspections. The analysis should be completed no later than two years after receipt of the Bulletin. The Bulletin also required the licensees submit a letter 30 days after the completion of the Actions 1.b and 1.d. These letters are to notify the NRC that the requested actions have been performed and that the results of the requested actions are available for inspection. This letter is to include the justification for continued operation, if appropriate, a description of the analytical approaches used, and a summary of the results.

Entergy Operations transmitted a bounding analysis performed by the Babcock & Wilcox Owners Group (BWOG) on June 2, 1989 (1CAN068906) in response to Action 1.b. This analysis is applicable to Arkansas Nuclear One, Unit 1 (ANO-1). The analysis indicated that the integrity of the surge line was adequate to justify continued operation of ANO-1 for several years.

In letter 1CNA079009 (dated July 31, 1990) the NRC informed Entergy Operations that they had completed their review of the bounding analysis and found that sufficient information had been provided to justify continued plant operation until the final report for ANO-1 is completed, in accordance with the schedule delineated by the Bulletin.

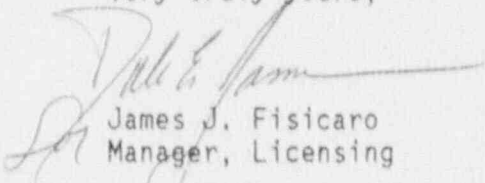
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The BWOG submitted the final report, as required by Action 1.d, to the NRC on December 31, 1990. The final report requires the individual utilities to perform several followup actions to validate certain assumptions made by the BWOG. Based on the BWOG report schedule and having to perform additional reviews associated with the final report, Entergy Operations requests an additional 30 days to submit the required notification to the NRC that the requested actions have been completed

This request has been discussed with the NRR ANO-1 Project Manager.

Should you have any questions regarding this issue, please contact me.

Very truly yours,



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Manager, Licensing

JJF:RWC:sgw

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