



November 13, 1995

0CAN119502

U. S. Nuclear Regulatory Commission
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Subject: Arkansas Nuclear One - Units 1 and 2
Docket Nos. 50-313 and 50-368
License Nos. DPR-51 and NPF-6
6 Month Response to Generic Letter 92-01, Revision 1,
Supplement 1, "Reactor Vessel Structural Integrity"

Gentlemen:

By letter dated May 19, 1995 (0CNA059512), the Staff requested licensees to provide a response to parts (2), (3), and (4) of Generic Letter 92-01, Revision 1, Supplement 1, within 6 months. Part (2) of the generic letter requested an assessment of any change in best-estimate chemistry based on consideration of all relevant data. Part (3) requested a determination of the need for use of the ratio procedure in accordance with the established Position 2.1 of Regulatory Guide (RG) 1.99, Revision 2, for those licensees that use surveillance data to provide a basis for the reactor pressure vessel integrity evaluation. Part (4) requested a written report providing any newly acquired data and the results of any necessary revisions to the evaluation of any integrity in accordance with the requirements of 10CFR50.60, 10CFR50.61, Appendices G and H to 10CFR Part 50, and any potential impact on the low temperature overpressurization (LTOP) or pressure-temperature (P-T) limits in the technical specifications or a certification that previously submitted evaluations remain valid. Revised evaluations and certifications should include consideration of Position 2.1 of RG 1.99, Revision 2, as applicable, and any new data.

By letter dated August 11, 1995 (0CAN089505), Entergy Operations provided the response to part (1) of the generic letter for Arkansas Nuclear One (ANO). Report BAW-2257, Revision 0 was referenced as previously submitted on behalf of ANO-1. This report has been revised to include responses to parts (2), (3), and (4) of the generic letter and has been submitted to the Staff by letter dated November 1, 1995, from the Babcock and Wilcox Owners Group (BWOG) Reactor Vessel Working Group (RVWG). BAW-2257, Revision 1 concludes for part (2) that no change in the previously reported Linde 80 weld metal chemistry values is required. For part (3), the BWOG RVWG position is that the variability in

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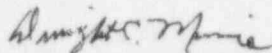
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chemical composition between the individual surveillance weld sources for a particular weld wire heat is representative of the chemical variability in the reactor vessel beltline welds; therefore, the RVWG will continue to use surveillance data when available in accordance with Position 2.1 of RG 1.99, Revision 2, without applying the ratio procedure. In response to part (4), BAW-2257, Revision 1 concludes that since the chemical variability in the Linde 80 weld surveillance data is representative of the variability observed in the data used to establish the chemistry factors for the weld wire heats in the RVWG beltline welds, and no new chemistry or mechanical information is available for these weld metals, the previously submitted reactor vessel integrity evaluations for ANO-1 remain valid. These evaluations include LTOP and P-T limit curves in ANO-1 Technical Specifications and previously submitted RVWG evaluations of reactor vessel integrity in accordance with the requirements of 10CFR50.60, 10CFR50.61, and Appendices G and H to 10CFR Part 50.

As stated in the August 11, 1995, correspondence, responses to parts (2), (3), and (4) of the generic letter for ANO-2 will be provided following completion of further data review by the Combustion Engineering Owners Group Reactor Vessel Working Group which is expected to be available for transmittal to the NRC in approximately 18 months. Should any significant information become available during this project, the Staff will be apprised as soon as possible. Should you have any questions, please contact me.

Very truly yours,

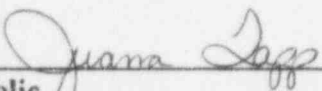


Dwight C. Mims
Director, Nuclear Safety

DCM/nbm

To the best of my knowledge and belief, the statements contained in this submittal are true.

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for Johnson County and the State of Arkansas, this 13 day of November, 1995.



Notary Public
My Commission Expires 11-8-2000



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