

109.6 TLJ/12/28/84

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Dr. Martin J. Steindler, Chairman
Materials Review Board
Chemical Technology Division
Argonne National Laboratory
9700 South Cass Avenue
Argonne, IL 60439

Dear Dr. Steindler:

This letter is in response to your letter of December 20, 1984, transmitting the Draft Panel Report. Since I have only one comment, I felt it more efficient to respond by letter rather than returning a mark-up.

Section 2b (Technical Issues), which lists issues not adequately addressed in the MCC program, is missing the issue of Long-Term Performance Predictability and Accelerated Testing. This issue has also been identified by Panel Members A, C, and E, in the Appendix of the Panel Report, as one which has not received proper attention by the MCC.

I suggest something similar to the following:

vii. Prediction of Long-Term Performance

The Panel observed that although the MCC may recognize the importance of an accelerated corrosion test, it has not been developing one nor does it appear that it plans to do so. The Panel believes that a critical issue will be how data taken over the short-term can be extrapolated to periods of 300 to 1,000 years.

If I can be of further assistance, please contact me at (301) 427-4540.

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cc: W.B. Seefeldt

Sincerely,

original signed by

Thomas L. Jungling
Engineering Branch
Division of Waste Management

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