

MEETING REPORT

NRC/BNL

DATE: October 26, 1982

PLACE: Willste Building

PURPOSE: A general review of progress on FIN A-3168, Draft Staff
Technical Positions, Subtask 1.3, Reliability of the Waste
Package

Attendees:

NRC

R. E. Browning

K. C. Chang

F. R. Cook

E. A. Wick

BNL

M. S. Davis

C. Sastre

D. G. Schweitzer

P. Soo

Introduction:

The draft report on Reliability of the Waste Package is due in December 1982 and the final report is due March, 1983. Because no preliminary written material had been received as of October 14, 1982,* NRC is concerned that the subtask will not be completed on time.

*copies of memos to file have since been received as enclosures to the September Progress Letter.

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PDR WMRES EXIBNL
A-3168 PDR

Summary of Conclusions, Agreements and Commitments:

1. BNL's effort for the balance of CY 1982 will be concentrated on writing the Preliminary DSTP. For now, this requires dropping the effort on the model and the random driver.
2. The content of the DSTP will be as defined in BNL's outline of 2/25/82 and NRC's comments of March 16, 1982.
3. The sample calculation, which goes in the appendix, is of lower priority and work on the sample problem will be discontinued until the test is written.
4. The sample calculation will utilize assumed functions for probable modes of failure, i.e., assumed relationships between failure modes and key parameters. (The example is what's important, not whether the function is real.) The assumed functions, where used, will be agreed upon in writing by NRC.
5. In the model and sample calculation, BNL will attempt to include variables considered most important (be they environmental or manufacturing) in the functions described above.
6. The sample problem will not include an estimate of the reliability of the method itself.

7. BNL shall submit draft sections of the DSTP to NRC for informal review on the following schedule:

Section 1	Introduction	11/8/82
Section 2	Regulatory Position	--
2.1	Information Required for Evaluation of Reliability	11/15/82
2.2	Acceptance Criteria	11/22/82
2.3	Review Procedures	11/29/82
2.4	Evaluation of Findings	12/6/82
Appendix A	Reliability Analysis (an example reliability analysis)	2/28/82

8. The minimum acceptable reliability for the waste package will be submitted as a separate letter report.
9. This summary of commitments, conclusions and agreements was signed by D. G. Schweitzer and E. A. Wick.

Everett A. Wick

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