

Dr. Ali Mosleh
Center for Reliability Engineering
University of Maryland
College Park, MD 20742

JUL 11 1994

Dear Dr. Mosleh:

Per your request for some general information on the application of probabilistic safety assessment methods to the management of high-level nuclear waste, I am transmitting the following documents for your information:

1. R. Codell, N. Eisenberg, et al, "Initial Demonstration of the NRC's Capability to Conduct a Performance Assessment for a High-Level Waste Repository," NUREG-1327, U.S. Nuclear Regulatory Commission, May 1992.
2. "Risk Assessment, A Survey of Characteristics, Applications, and Methods Used by Federal Agencies for Engineered Systems," Submitted to The Federal Coordinating Council for Science, Engineering and Technology Ad Hoc Working Group on Risk Assessment, November 1992.
3. T. McCartin, R. Codell, R. Neel, W. Ford, R. Wescott, J. Bradbury, B. Sagar, and J. Walton, "Models of Source Term, Flow, Transport, and Dose Assessment in NRC's Iterative Performance Assessment Phase 2," Proceedings for the Fifth Annual International High Level Radioactive Waste Management Conference, 1994.
4. J. Park, R. Baca, N. Eisenberg, R. Janetzke, and B. Sagar, "IPA Phase 2 Total System Code and Scenario Analysis," Proceedings for the Fifth Annual International High Level Radioactive Waste Management Conference, 1994.
5. N. Eisenberg, M. Federline, R. Wescott, B. Sagar, and M. Silberberg, "IPA Phase 2 and NRC's HLWM Regulatory Program," Proceedings for the Fifth Annual International High Level Radioactive Waste Management Conference, 1994.
6. V. Colten-Bradley, R. Codell, and M. R. Byrne, "IPA Phase 2 Sensitivity and Uncertainty Analysis," Proceedings for the Fifth Annual International High Level Radioactive Waste Management Conference, 1994.

If you have any questions or desire additional information, please call me at 415-7285.

Sincerely,

ORIGINAL SIGNED BY

Norman A. Eisenberg, Section Leader
Performance Assessment and Hydrology Branch
Division of Waste Management, NMSS

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