



Department of Energy
National Waste Terminal
Storage Program Office
605 King Avenue
Columbus, Ohio 43201

January 23, 1984

Hubert Miller, Chief
HLW Technical Development Branch
Division of Waste Management
Nuclear Regulatory Commission
7915 Eastern Avenue
Silver Spring, Maryland 20910

Dear Mr. Miller:

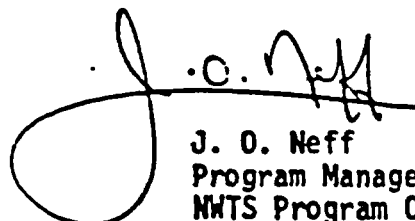
SUBJECT: ACCESS OF ANL PEER REVIEW PANEL TO NRC DOCUMENTS

We would appreciate your assistance in facilitating access by peer reviewers of our program to NRC waste management publications. Dr. Wyman Harrison of ANL is the coordinator of a number of peer reviews for our program and has agreed to keep a library of NRC publications and make recommendations on which ones may be applicable to individual reviews. Therefore, we request that you place Dr. Harrison on your mailing list to receive all your high-level waste management publications. We are sending him the enclosed listing of all publications which have already been published by NRC in that field so that he can order what he needs. His address and phone number are:

Dr. Wyman Harrison
EES-362
Argonne National Laboratory
Argonne, Illinois 60439
312/972-3309 or FTS 972-3309

If you have any questions concerning this request, please call L. Casey (FTS 976-5916) or T. Baillieul (FTS 976-5916).

Sincerely,



J. O. Neff
Program Manager
NMTS Program Office

NPO:LAC:0959A

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PDR WASTE
WM-16 PDR

PUBLICATIONS REQUESTED AS IDENTIFIED IN NRC DOCUMENT
"SELECTED NRC PRODUCTS HIGH-LEVEL WASTE PROGRAM" DATED DECEMBER 14, 1983

Generic Technical Positions

1. "Borehole and Shaft Seals - Design Considerations and Information Needs" (and amendments/revisions), July 1983.
2. "Quality Assurance Programs for Site Characterization" (and amendments/revisions), July 1983.
3. "Post-Emplacement Monitoring," NUREG/CR-3219, May 1983.
4. "Geochemical Aspects of Repository Performance" (and amendments/revisions), August 1983.

Written Reports for Salt Workshops and Technical Meetings

5. Meeting on "Repository Design, Exploratory Shaft, and In-Situ Testing," held on October 25-26, 1983.
6. Meeting on "Waste Package Design and Performance," held on August 9-10, 1983.
7. Meeting on "NRC Guidance on SCP Content," held on June 27-28, 1983.
8. Meeting on "Review of the DOE Site Screening in Salt, Paradox Basin," held during August 1981.
9. Meeting on "Survey of Salt Dome Investigations," held during January 1981.

Contractor Reports

10. "A Summary of Repository Siting Models," NUREG/CR-2782, July 1982.
11. "Benchmark Problems for Repository Siting Models," NUREG/CR-3097, December 1982.
12. "SWIFT Self Teaching Curriculum," NUREG/CR-1968, March 1982.
13. "Review and Evaluation of Draft EPA Standard for HLW Disposal," NUREG/CR-3235, April 1983.
14. "A Summary of Computer Codes for Radiological Assessment," NUREG/CR-3209, March 1983.
15. "SWIFT Model-Coupled Groundwater, Heat, and Solute Transport," NUREG/CR-0424, 1978.

16. "DNET Report and User's Guide -- Geomechanics and Fluid Flow in Salt," NUREG/CR-2343, January 1982.
17. "NWFT Model - Solute Transport," NUREG/CR-1190, 1980.
18. "DVM Method of Solving Convective Dispersion Equation-Solute Transport," NUREG/CR-1376, 1980.
19. "Pathways Model - Environmental Radionuclide Transport," NUREG/CR-1636, 1981.
20. "Dosimetry and Health Effects," NUREG/CR-2166, 1981.
21. "Calculations of Radionuclide Releases From Hypothetical Nuclear Waste Repositories in Basalt, Bedded Salt, and Tuff," SAND 82-1557, 1982.
22. "Sandia's Waste-Isolation and Transport Model (SWIFT)," NUREG/CR-2324, 1981.
23. "An Appraisal of Nuclear Waste Isolation in the Vadose Zone in Arid and Semi-Arid Region," NUREG/CR-3158, October 1983.
24. "Selected Hydrologic and Geochemical Issues in Site Characterization for Nuclear Waste Disposal Sites," NUREG/CR-2983, January 1983.
25. "Field and Theoretical Investigation of Mass and Energy Transport in Subsurface Materials in Waste Disposal Sites," U. of AZ TR, February 1982.
26. "Unsaturated Flow and Transport through Fractured Rocks Related to High-Level Waste Repositories," NUREG/CR-3206, March 1983.
27. "Pressure Testing of Fractured Rocks - A Methodology Employing Thru Dimensional Cross-Hole Tests," NUREG/CR-3213, July 1983.
28. "Status of Geochemical Problems Relating to Burial of High-Level Radioactive Waste," NUREG/CR-3062, March 1983.
29. "Valence Effects on Adsorption," NUREG/CR-2863, January 1983.
30. "Mobile Anionic and Non-ionic Species," PNL TR, March 1983.
31. "Amorphous Iron Hydroxide Controls on Uranium Actinide and Technetium Mobility Identified in Field and Lab," AAEC TR, March 1983.
32. "Method for Characterizing Geochemical Retardation in the Field," AAEC TR, October 1982.
33. "Uncertainties in Geologic Disposal of HLW - Groundwater Transport of Radionuclide and Radiological Consequences," NUREG/CR-2506, July 1983.
34. "Field Experiment Determinations of Distribution Coefficients of Actinide Elements of Alkaline-Like Environments," Topical Report, March 1983.

35. "CHEMTRN User's Manual," LBL/PUB 3031, March 1983.
36. "In-Situ Testing for Design and Construction," NUREG/CR-3065, March 1983.
37. "Evaluation of Alternative Shaft Sinking Techniques," NUREG/CR-2854, March 1983.
38. "Identification of Factors Which Influence Repository Design - Domal Salt," NUREG/CR-2613, March 1982.
39. "Relationship of an In-Situ Test Facility to a Deep Geologic Repository for High-Level Nuclear Waste," NUREG/CR-2959, March 1983.
40. "Assessment of Waste Retrieval Alternatives," NUREG/CR-___, November 1983.
41. "Thermal Impact of Waste Emplacement and Surface Cooling Associated With Geologic Disposal of Nuclear Wastes," NUREG/CR-2910, March 1983.
42. "Rock Mass Sealing Experimental Assessment of Borehole Plug Performance," NUREG/CR-3473, September 1983.
43. "Nuclear Waste Management Technical Support in the Development of Nuclear Waste Form Criteria for the NRC," NUREG/CR-2333, BNL/NUREG-51458, February 1982.
44. "Review of DOE Waste Package Program National Waste Package Program," NUREG/CR-2482, Feb. 1982, Vol. 1, April 1983, Vol. 2, March 1983, Vol. 3.
45. "Waste Package Verification Tests - Packaging Material Testing," NUREG/CR-2755, BNL/NUREG-51544, February 1983.
46. "Review of Waste Package Verification Tests, Semiannual Report," NUREG/CR-3091, April 1983, Vol. 1, August 1983, Vol. 2.
47. "Long-Term Performance of Waste Package Materials," BCL TR, September 1983 Annual Report.
48. "Corrosion Study of HLW Container Materials," BNL/NUREG-51449, 1981-1982.
49. "Long-Term Performance of Materials used for HLW Package," NUREG/CR-3427, Vol. 1, July 1983.

NRC Review Plans

50. "Standard Review Plan for Site Characterization Analysis," April 1983.
51. "Standard Review Plan: Quality Assurance Programs for Site Characterization," (and amendments/revisions), July 1983.

PUBLICATIONS REQUESTED AS IDENTIFIED FROM OTHER SOURCES

1. "Assessment of the Proposed Rule (10CFR60) for Disposal of High-Level Radioactive Wastes in Geologic Repositories, Vol. 1," NUREG/CR-3111-Vol. 1, June 1983.
2. "Risk-Analysis Methodology for Spent-Fuel Repositories in Bedded Salt, Final Report," NUREG/CR-2402, June 1983.
3. "Uncertainties in Geologic Disposal of High-Level Wastes: Groundwater Transport of Radionuclides and Radiological Consequences," NUREG/CR-2506, July 1983.
4. "Final Technical Position on Documentation of Computer Codes for High-Level Waste Management," NUREG-0856, June 1983.
5. "Post-Emplacement Monitoring, Subtask 1.2, Draft Technical Position, Vol 2," NUREG/CR-3219-Vol. 2, May 1983.
6. "A Simplified Analysis of a Hypothetical Repository in a Bedded Salt Formation, Volume 4," NUREG/CR-3235-Vols 2,3,4, pp. 80P, April 1983.
7. "Technical Assistance for Regulatory Development: Review and Evaluation of the Draft EPA Standard 40CFR191 for Disposal of High-Level Waste," NUREG/CR-3235-Vols. 2,3,4, April 1983.
8. "Technical Assistance for Regulatory Development: Review and Evaluation of the Draft EPA Standard 40CFR191 for Disposal of High-Level Waste, Vols. 5 and 6, NUREG/CR-3235-Vols 5,6, April 1983.
9. "Uniform- and Pitting-Corrosion Data Requirements for Ticode-12, High-Level-Waste Containers," NUREG/CR-2482, Vol. 2, April 1983.
10. "Near-Field Repository Conditions in Basalt and Salt," NUREG/CR-2482, Vol. 2, pp. 59P, April 1983.
11. "Review of DOE Waste-Package Program, Subtask 1.1, National Waste-Package Program, September 1981-March-1982, Volume 2," NUREG/CR-2482-Vol. 2, April 1983.
12. "Status of Geochemical Problems Relating to the Burial of High-Level Radioactive Waste, 1982," NUREG/CR-3062, March 1983.
13. "Review of DOE Waste Package Program, Subtask 1.1, National Waste Package Program, April-September 1982," NUREG/CR-2482-Vol. 3, March 1983.
14. "Path 1 Self-Teaching Curriculum: Example Problems for Pathways-to-Man Model," NUREG/CR-2394, October 1982.
15. "In-Situ Test Programs Related to Design and Construction of High-Level Nuclear Waste (HLW) Deep Geologic Repositories, Final Report, (Task 2), June 1981-November 1982," NUREG/CR-3065,813,1163-Vol. 1, March 1983.

16. "Thermal Impact of Waste Emplacement and Surface Cooling Associated With Geologic Disposal of Nuclear Waste," LBL-13341, August 1982.
17. "Parameters and Variables Appearing in Repository-Siting Models," NUREG/CR-3066, December 1982.
18. "Risk-Assessment Methodology Development for Waste Isolation in Geologic Media," NUREG/CR-1672-Vol. 4, December 1982.
19. "Evaluation of Geotechnical Surveillance Techniques for Monitoring High-Level Waste Repository Performance, Final Report 19, Sept. 81-31, Dec. 82," NUREG/CR-2547, March 1982.
20. "Proceedings of the Symposium on Uncertainties Associated With the Regulation of the Geologic Disposal of High-Level Radioactive Waste," NUREG/CP-0022, March 1982.
21. "Investigations of the Performance of Solidified High-Level Nuclear Waste Forms," NUREG/CR-0612, January 1979.
22. "High-Level Radioactive Solid Waste Forms," NUREG/CP-0005, December 1978.
23. "Information Base for Waste Repository Design, Volume 1, Borehole and Shaft Sealing," NUREG/CR-0495-Vol. 1, January 1979.
24. "Information Base for Waste Repository Design, Volume 3, Waste/Rock Interactions," NUREG/CR-0495-Vol. 3, January 1979.
25. "Probabilistic Safety Analysis for Solidified High-Level Nuclear Waste Management Systems: A Status Report," NUREG/CR-0577, February 1979.
26. "Waste Management Technical Support Project: FY 78 End-of-Year Report," NUREG/CR-0538, December 1978.