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February 12, 1986

Dr. D. J. Brooks
Geotechnical Branch
Office of Nuclear Material
Safety and Safeguards
U.S. Nuclear Regulatory Commission
Room 623-SS
Washington, D.C. 20555

Dear Dave:

Please find enclosed an up-to-date list of products for the B0287 Project as you requested in your response to our December Monthly Report.

Sincerely,



Gary K. Jacobs
Environmental Sciences Division
Building 1505, MS-3

GKJ:nja

Enclosure:

Lists of B0287 Letter Reports, Meeting Reports, Topical Reports, etc.

cc:

Office of the Director, NMSS (Attn: Program Support Branch)
Division Director, NMSS Division of Waste Management (2)
M. R. Knapp, Chief, Geotechnical Branch
K. C. Jackson, Geotechnical Branch
A. P. Malinauskas
GKJ File

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B02B7 MEETING REPORTS

DATE	NUMBER	TITLE
08/19/82	MR 4.1-1	A. D. Kelmers and D. R. Cole, "Participation in NRC Geochemistry Workshop Team at RHO."
09/21/82	MR 5.0-1	A. G. Croff, "Discussion of Proposed Activities."
10/07/82	MR 4.1-2	A. D. Kelmers, "NRC Research Program Planning Workshop on Geochemistry of HLW Disposal."
10/13/82	MR 4.1-3	A. D. Kelmers and D. R. Cole, "Discussions with Jess Cleveland about his Plutonium Solubility/Speciation Experiments in Site Groundwaters."
11/12/82	MR 4.1-4	D. R. Cole, "Geochemical Society Symposium on Geochemistry of Radionuclide Migration/Retardation."
01/18/83	MR 4.1-5	H. C. Claiborne and R. R. Turner, "1982 NWS Program Information Meeting."
01/27/83	MR 4.1-6	H. C. Claiborne and A. D. Kelmers, "NRC-NNWSI Meeting on Geochemistry Issues."
03/11/83	MR 4.1-7	A. D. Kelmers, "BWIP Overview Seminar presented by Bill Cottam of RHO-BWIP."
04/25/83	MR ...	J. H. Kessler, "International Symposium on Geochemical Behavior of Disposed Radioactive Waste."
04/15/83	MR ...	A. G. Croff, "Discussion of Work to be Performed under B0290 and Draft Work Plan Describing Same."
10/31/83	MR 4.1-8	H. C. Claiborne and G. K. Jacobs, "NNWSI Waste Package Workshop."
11/17/83	MR 4.1-18	J. G. Blencoe, "GSA Engineering Geology Division Symposium on the Geologic Disposal of Radioactive Wastes and a GSA Forum on Nuclear Waste Disposal Issues."
12/08/83	MR 4.1-12	H. C. Claiborne and A. D. Kelmers, "7th Scientific Basis for Nuclear Waste Management."
02/09/84	MR 4.1-16	J. G. Blencoe and A. D. Kelmers, "NRC/DOE Geochemistry Workshop in Richland, Washington."

B0287 MEETING REPORTS

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DATE	NUMBER	TITLE
06/19/84	MR 3.2	G. K. Jacobs, "Visit to present seminar 'Review and Assessment of Geochemical Conditions for Candidate Salt Sites of DNWI' and for discussions with NRC staff."
07/31/84	MR 2.2	A. D. Kelmers and J. G. Blencoe, "DOE/NRC Geochemistry Workshop on the NNWSI Candidate High-Level Waste Repository Site at Yucca Mountain, Nevada."
08/23/84	MR-3.4	G. K. Jacobs, "Geochemistry Program Overview for DNWI."
09/07/84	MR-5.2	G. K. Jacobs and S. K. Whatley, "Discussions of Geochemistry Areas Which Might be of Mutual Interest with Malcom Siegel."
09/25/84	MR-5.3	G. K. Jacobs, "Penrose Conference on the Geochemistry of the Environment near a High-Level Nuclear Waste Repository."
11/28/84	MR-5.4	S. K. Whatley, "Meeting Report for the B0287 and B0290 Project Review."
02/08/85	MR-287-1 (# incorrect)	J. G. Blencoe and G. K. Jacobs, "Trip Report of Geological Society of America Meeting at Reno, Nevada."
07/26/85	MR-287-1 (# incorrect)	S. K. Whatley, "Meeting with D. J. Brooks, J. R. Bradbury, S. K. Whatley in Silver Spring, Maryland."
07/26/85	MR-287-1	J. G. Blencoe, "Review of BWIP Solubility Topical Report"
07/30/85	MR-287-2	G. K. Jacobs, "ACS Short Course on Environmental Chemistry of Groundwater"
07/30/85	MR-287-3	G. K. Jacobs, A. D. Kelmers, and S. K. Whatley, "NRC/DOE Waste Package Workshop for the Yucca Mountain Candidate Site"
08/14/85	MR-287-4	G. K. Jacobs, "Examination of Palo Duro Basin rock core - Texas Bureau of Economic Geology"
10/04/85	MR-287-5	A. D. Kelmers, G. K. Jacobs, J. G. Blencoe, and R. E. Meyer, "NRC/DOE Data Review for Sorption Information of the Yucca Mountain Site"

MEETING REPORTS

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DATE	NUMBER	TITLE
11/18/85	MR-287-6	J. G. Blencoe and G. K. Jacobs, "Annual Meeting of the Geological Society of America"
02/07/86	MR-287-7	G. K. Jacobs and K. L. Von Damm, "SRP/NRC Waste Package Workshop for Salt Sites."
02/xx/86	MR-287-8	J. G. Blencoe, "ASTM Meeting on Waste Package Testing."

B0287 LETTER REPORTS

DATE	NUMBER	TITLE
10/08/82	LR-4.3-1	D. R. Cole and H. C. Claiborne, "Review of 'Draft Technical Position on Radionuclide Speciation and Solubility Determinations.'"
11/30/82	LR-1.4-1	A. G. Croff, H. C. Claiborne, and J. S. Johnson, "Comments on RHO-BWIP Site Characterization Report."
02/15/83	LR-4.3-2	"Review Comments on SCA Chapters and Appendices related to geochemical considerations."
05/20/83	LR-4.3-3	J. G. Blencoe, "A Brief Review and Critique of Commentary/Data on Radionuclide Solubility and Sorption Contained in the Three-Volume NUREG/CR Draft Final Report (Task 4): Evaluation of Engineered Barrier Design and Performance in an Underground Basalt Repository."
05/23/83	LR ...	"Review of Section 7 of ANS Standard 2.24 entitled '(Proposed) Standard Establishing Geotechnical Parameters for Evaluating Geologic Repositories for High-Level Wastes.'"
06/06/83	LR ...	Review of two papers: "Solubility Equilibria in Basalt Aquifers: The Columbia Plateau, Eastern Washington, U.S.A.," <u>Chem. Geol.</u> 36, 15-34 (1982), by Deutsch, Jenne, and Krupka; and "Computed Phases Limiting the Concentration of Dissolved Constituents in Basalt Aquifers of the Columbia Plateau in Eastern Washington," PNL-4089, 1982, by Deutsch, Jenne, and Krupka."
06/20/83	LR-4.1-8	J. G. Blencoe and A. D. Kelmers, "Review of LA-9328-MS, 'Summary Report on the Geochemistry of Yucca Mountain and Environs.'"
07/06/83	LR ...	Letter Report on review of report entitled "Draft Technical Position - Subtask 1.2; Post-Emplacement Monitoring," NUREG/CR-3219, by S. V. Panno.
07/06/83	LR-4.1-9	N. H. Cutshall, "Review of 'Statistical Evaluation of Hydrochemical Data from the Saddle Mountains, Wanapum, and Grande Ronde Basalts, Basalt Waste Isolation Project, Hanford Site.'"
07/15/83	LR ...	A. G. Croff, "Review of Draft NRC Staff Position Paper entitled 'Identification of Specific Licensing Information Needs.'"

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DATE	NUMBER	TITLE
08/08/83	LR ...	N. H. Cutshall, "Review of 'Geochemical Controls on Radionuclide Releases from a Nuclear Waste Repository in Basalt: Estimated Solubilities for Selected Elements,' RHO-BW-ST-29 P, by T. O. Early and others."
08/11/83	LR-4.3-4	A. D. Kelmers and J. G. Blencoe, "Review of NRC Draft Technical Position 'Solubility and Speciation of Radionuclide Compounds for High-Level Repository Safety Assessments.'"
09/16/83	LR ...	Letter Report discussing 1) chemical reactions in unsaturated vs. saturated media and 2) transport of volatile radionuclides in unsaturated media.
09/29/83	LR-4.1-10	G. K. Jacobs, "Review of 'Letter report on the Uncertainties in the Thermodynamics of Basalt-Oxygen and Basalt-Water Reactions,' by D. G. Schweitzer and M. S. Davis (BNL)."
09/29/83	LR-4.3-5	G. K. Jacobs, "Review of Geochemical Parameters Section of 'Critical Parameters for Basalt.'"
10/31/83	LR ...	Letter report on "Review of draft document entitled 'Site Technical Position on Waste Form and Package Issues for the Nevada Nuclear Waste Storage Investigations.'"
11/01/83	LR ...	Review of the second draft of 'Assessment of Radionuclide Apparent Solubilities by Conservative Estimation of Steady-State Concentration - NRC Draft Technical Position.'
11/04/83	LR-4.2-1	G. K. Jacobs, "The Scope of Geochemical Issues for Nuclear Waste Repositories in Salt."
11/09/83	LR ...	Letter review of documents on the conceptual models for repositories in basalt and granite.
11/11/83	LR ...	S. Y. Lee, "Review of 'Clays and Clay Minerals for Application to Repository Sealing,' ONWI-486."
12/07/83	LR ...	C. S. Haase, "Review of geochemical portions of 'A Summary of Repository Siting Models,' NUREG/CR-2782 and 'Benchmark Problems for Repository Siting Models,' NUREG/CR-3097."

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DATE	NUMBER	TITLE
01/13/84	LR-4.1-13	S. Y. Lee, "Review of 'A Review of the State-of-the Art and Preliminary Assessment of the Feasibility of Modeling the Transport of Radionuclides as Colloidal Particles in Geologic Media,' by E. J. Bonano."
01/19/84	LR-4.1-14	A. D. Kelmers, "Suggested Activity to Review the Chemical Status of Radioactive Elements in Spent Fuel."
01/20/84	LR-4.1-15	G. K. Jacobs, "Review of 'A Computer Code for Producing Eh-pH Plots of Equilibrium Chemical Systems,' RHO-BW-SA-299 P, by D. R. Drewes."
01/24/84	LR-4.2-2	G. K. Jacobs, "Draft: Purpose, Objectives, and Discussion Items for a Workshop on Geochemistry with the Office of Nuclear Waste Isolation."
01/31/84	LR-4.2-3	G. K. Jacobs, "Information Required for a Conceptual Model of a Repository Located at the Nevada Test Site, with an Emphasis on Geochemistry."
02/23/84	LR-4.2-4	A. D. Kelmers and C. F. Baes, III, "Site Technical Position and Review of Radionuclide Sorption Data for the Basalt Waste Isolation Project Site."
02/28/84	LR-4.2-5	J. G. Blencoe and G. E. Grisak, "NNWSI Site Technical Position and Review of Matrix Diffusion of Radionuclides in Rock/Groundwater Systems."
02/29/84	LR-4.1-17	G. K. Jacobs, "Review of 'The Salton Sea Geothermal Field, California, as a Near Field Natural Analog of a Radioactive Waste Repository in Salt,' BMI/ONWI-513, by W. A. Elders and L. H. Cohen."
03/28/84	LR-4.2-6	J. G. Blencoe, "Matrix Diffusion of Radionuclides: Limitations of Available Data (NNWSI/NTS)" with a draft of the supporting topical review, "Matrix Diffusion of Radionuclides in Rock/Groundwater Systems."

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DATE	NUMBER	TITLE
04/24/84	LR-1.2	A. D. Kelmers, J. G. Blencoe, and C. K. Bayne, "Review Comments on 'Barrier Materials Test Plan,' SD-BWI-TP-022."
04/24/84	LR-1.3	C. F. Baes, III and A. D. Kelmers, "Review and Analysis of BWIP Sorption Information."
05/18/84	LR-3.1	G. K. Jacobs, "Geochemical Conditions for Candidate Salt Sites: Limitations of Available Data (ONWI)."
05/22/84	LR-2.1	A. D. Kelmers, "Review and Analysis of NNWSI Sorption Information."
08/07/84	LR-3.3	G. K. Jacobs, "Review Comments on 'Draft Umbrella Site Technical Position on Geochemical Issues for a High-Level Waste Disposal Facility in Salt.'"
10/10/84	LR-4.1-19	S. Y. Lee, "Review of 'An Application of the Population Balance to the Assessment of the Importance of Radionuclide Colloids in High-Level Waste Management,' by Nuttall, Siegel, and Bonano."
10/11/84	LR-1.4	A. D. Kelmers, "Scoping Review of the Draft EA for the Hanford Site."
10/15/84	LR-3.5	G. K. Jacobs, "Scoping Review of the Draft EA for the Salt Sites."
10/17/84	LR-2.3	J. G. Blencoe, "Scoping Review of the Draft EA for the Yucca Mountain Site."
11/28/84	LR-3.6	G. K. Jacobs, "Review and Evaluation of 'Performance Assessment Plans and Methods for the Salt Repository Project,' BMI/ONWI-545, 1984."
02/14/85	LR-287-1	G. K. Jacobs, "Calculated Solubilities for Selected Radionuclides as a Function of Eh: To Support NRC Review of DOE's Environmental Assessment for the Hanford Site."

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DATE	NUMBER	TITLE
04/16/85	LR-287-2	G. K. Jacobs, " <u>Review of Geochemical Sensitivity Analysis I. Identification of Conditions and Criteria for Design of Transport Experiments When Radioelement Speciation Must be Considered in High-Level Waste Repository Risk Assessment</u> , by Siegel, Erickson, and Vopicka of Sandia National Laboratory."
06/11/85	LR-287-3	G. K. Jacobs, " <u>Review of The Potential of Natural Analogues in Assessing Systems for Deep Disposal of High-Level Radioactive Waste</u> , by N. A. Chapman, I. G. McKinley, and J. A. T. Smellie."
06/11/85	LR-287-4	J. G. Blencoe, " <u>Review of The Dissolution of Rainer Mesa Volcanic Tuffs and Its Application to the Analysis of the Groundwater Environment</u> , MS Thesis of M. S. Henne, University of Nevada, Reno, NV, 1982."
06/11/85	LR-287-5	G. K. Jacobs, " <u>Review of Brine Migration in Salt</u> , by W. Kelly."
07/09/85	LR-287-6	A. D. Kelmers and G. K. Jacobs, " <u>Review of Critical Parameters for a High-Level Waste Repository, Volume I: Basalt</u> , by E. P. Binnall, H. A. Wollenberg, S. M. Benson, L. Tsao, D. Weres, A. L. Ramirez, and G. A. Armentrout, NUREG/CR-4161, May, 1985."
07/09/85	LR-287-7	A. D. Kelmers, "Concerns Relative to the Applicability of the Yucca Mountain Radionuclide Sorption Information for Site Performance Assessment Purposes."
08/15/85	LR-287-8	J. G. Blencoe, "Review of 'Downhole Geophysical Logging,' <u>Ann. Rev. Earth Planet. Sci.</u> 13, 315-344, 1985, by A. Timur and M. N. Toksoz."
08/15/85	LR-287-9	G. K. Jacobs, "Comments concerning S. L. Phillips' reply to LR-290-10, March 28, 1985."
09/09/85	LR-287-10	J. G. Blencoe, " <u>Review of Verification and Characterization of Continuum Behavior of Fractured Rock at AECL Underground Research Laboratory</u> , BMI/DCRD-17, LBL-14975."

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DATE	NUMBER	TITLE
09/09/85	LR-287-11	J. G. Blencoe, " <u>Review of Petrologic and Geochemical Characterization of the Topopah Spring Member of the Paintbrush Tuff Used in Waste Package Experiments</u> , UCRL-53558, by K. G. Knauss."
09/09/85	LR-287-12	G. K. Jacobs, " <u>Review of Chlorine Isotopes as Environmental Tracers in Columbia River Basalt Groundwaters</u> , RHO-BW-SA-372 P, March 1984, by D. Graham, S. Gifford, and H. Bentley."
10/04/85	LR-287-13	J. G. Blencoe, " <u>Review of Evaluation of Minerals in Fractures of the Unsaturated Zone from Drill core USW-64, Yucca Mountain, Nye County, Nevada</u> , LA-10415-MS, 1985, by B. Carlos."
10/07/85	LR-287-14	A. D. Kelmers, " <u>Review of Preliminary Bounds on the Expected Postclosure Performance of the Yucca Mountain Site, So. Nevada</u> , SAND84-1492, by S. Sinnock, Y. T. Lin, and J. P. Brannen."
10/30/85	LR-287-15	K. L. Von Damm, " <u>Review of: Mobility of Radionuclides in High Chloride Environments</u> , NUREG/CR-4237 RW, April 1985, by H. J. Simpson, A. L. Herczeg, R. F. Anderson, R. M. Trier, G. G. Mathieu and B. L. Deck."
11/01/85	LR-287-16	G. D. O'Kelley, " <u>Review of 'The Kinetics of the Oxidation of Ferrous Iron in Synthetic and Natural Waters</u> ,' by W. Davison and G. Seed, <u>Geochimica et Cosmochimica Acta</u> 47, 67-79 (1983)."
11/24/85	LR-287-17	K. L. Von Damm, " <u>Review of Reaction of Topopah Spring Tuff with J-13 Well Water at 90°C and 150°C</u> , by V. M. Oversby, UCRL-53552 (1984)."
12/12/85	LR-287-18	J. G. Blencoe, " <u>Review of Field and Theoretical Investigations of Fractured Crystalline Rock Near Oracle, Arizona</u> , by J. W. Jones, E. S. Simpson, S. P. Neuman, and W. S. Key, NUREG/CR-3736 (1985)."

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DATE	NUMBER	TITLE
11/25/85	LR-287-19	G. D. D'Kelley, "Review of 'Measurements of thermal neutrons in the subsurface,' by M. W. Kuhn, S. N. Davis, H. W. Bentley, and R. Zito, <u>Geophysical Research Letters</u> <u>11</u> , 607-610 (1984)."
12/30/85	LR-287-20	K. L. Von Damm, "Review of 'The Geochemistry of Ca, Sr, Ba, and Ra sulfates in some deep brines from Palo Duro Basin, Texas,' D. Langmuir and D. Melchior, <u>Geochim. Cosmochim. Acta</u> <u>49</u> , 2423-2432, 1985."
01/21/86	LR-287-21	A. D. Kelmers, "Review of 'The Chemical State of the Fission Products in Oxide Fuels,' <u>J. Nucl. Matls.</u> <u>131</u> , 221-246 (1985), by H. Kleykamp."
01/20/86	LR-287-22	A. D. Kelmers, "Review of the report <u>Derivation of a Waste Package Source Term for NNWSI from Results of Laboratory Experiments</u> , UCRL-92096 (1985), by V. M. Oversby and C. N. Wilson."
01/31/86	LR-287-23	A. D. Kelmers, "Review of: 'Appendix B, Spent Fuel Dissolution,' in <u>November Monthly Progress Report</u> , 1985, The Aerospace Corporation."
02/03/86	LR-287-24	J. G. Blencoe, "Review of <u>Analyses of Solids from Initial 200°C, 30 MPa Hydrothermal Tests with "Fully-Radioactive" Waste Glass and Spent Fuel</u> , SD-BWI-TI-278, by L. E. Thomas, B. Mastel, and E. D. Jensen."
01/31/86	LR-287-25	K. L. Von Damm, "Review of <u>Reaction of Bullfrog Tuff with J-13 Well Water at 90°C and 150°C</u> , UCRL-53442, by V. M. Oversby and K. G. Knauss."
02/02/86	LR-287-26	K. L. Von Damm, "Review of 'Hydrothermal Interaction of Columbia Plateau Basalt from the Umtanum flow (Washington, U.S.A.) with its coexisting groundwater,' <u>Chem. Geol.</u> <u>49</u> , 53-71 (1985), by E. L. Moore, G. C. Ulmer, and D. E. Grandstaff."

B0287 LETTER REPORTS

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DATE	NUMBER	TITLE
01/30/86	LR-287-27	G. D. O'Kelley, "Review of 'Aqueous Oxidation-Reduction Kinetics Associated with Coupled Electron-Cation Transfer from Iron-Containing Silicates at 25°C,' <u>Geochim. Cosmochim. Acta</u> 49, 1263-1275 (1985), by A. F. White and A. Yee."

B0287 TOPICAL REPORTS
and MISCELLANEOUS PRODUCTS

DATE	NUMBER	TITLE
11/02/82		Drafts of nine SIAs for which the geochemistry team has the lead and draft appendices on sorption and Eh.
11/30/82		Nine geochemical SIAs revised to accommodate comments received as of 11/29/82 and extended to include Sections 7 and 8; SCA appendices on sorption, solubility and apeciation, and redox conditions.
12/22/82		Draft list of questions for the NTS Geochemistry Workshop to be held January 12-14, 1983, in Las Vegas.
01/07/83		Revised Appendix T on Sorption; revised Chapter 2 of redox appendix; and mark-up of draft SCA Chapter 6.
01/11/83		Revised redox appendix (whole) and Section on redox control for solubility Appendix.
01/19/83		Consolidated version of the redox appendix, including some editorial and organizational changes as compared to earlier submission and a copy of the sorption appendix updated to include a section on redox control.
02/14/83		Four-day review of SCR at NRC headquarters in Silver Spring --H. C. Claiborne.
03/28/83		Nine revised SIAs (incorporating comments from internal review) and the revised SCA redox appendix (incorporating comments from internal review and extended to include BWIP-site-specific features).
05/23/83	NUREG/CR-3763	Second draft of a BWIP topical review entitled "Radionuclide Sorption Information for the Basalt Waste Isolation Project (BWIP) Candidate High-Level Waste Repository: A Scientific Review and Technological Assessment."
	NUREG/CR-4024	First draft of a BWIP topical review entitled "Review of recent studies on solubility and speciation of radionuclides relevant to the Basalt Waste Isolation Project."
	NUREG/CR-4186	First draft of "Review of Geochemical Condition Information at the Basalt Waste Isolation Project Site."

B0287 TOPICAL REPORTS
and MISCELLANEDUS PRODUCTS

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DATE	NUMBER	TITLE
08/09/83		Three draft topical reviews:
	NUREG/CR-	"A Scientific Review and Critique of NNWSI Studies on Radionuclide Solubility and Speciation in Tuff-Groundwater Systems" -- J. G. Blencoe.
	NUREG/CR-	"Review of Geochemical Information for the Nevada Nuclear Waste Storage Site" -- C. F. Baes, III.
	ORNL/TM-9224	"Radionuclide Sorption Information for a High-Level Nuclear Waste Repository in Yucca Mountain, Nevada" -- A. D. Kelmers.
09/29/83		Draft of "Draft Staff Technical Position on the Geochemical Aspects of HLW Repositories" -- A. G. Croff.
09/29/83		Second draft copy of Appendix A and a first draft copy of section 2.5 on the significance of rock/water ratio for the revised DSTP on solubility.
10/18/83	ORNL/TM-9873	Draft copy of "Description and Use of the Waste Management Document Data Base" -- A. G. Croff.
01/04/84		Draft annotated outline for a Site Technical Position entitled "Review and Evaluation of Information on the Geochemical Conditions for Candidate Salt Sites of the Office of Nuclear Waste Isolation (ONWI)" -- G. K. Jacobs
03/22/84		Draft Proposal on the Workshop on the Application of Geochemical Models to High-Level Nuclear Waste Repository Assessment" -- G. K. Jacobs.
04/06/84	NUREG/CR-3763	Final draft of the topical review "Review and Assessment of Radioactive Sorption Information for the Basalt Waste Isolation Project Site" -- A. D. Kelmers.

B0287 TOPICAL REPORTS
and MISCELLANEOUS PRODUCTS

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DATE	NUMBER	TITLE
05/18/84	ORNL/TM-9221	Draft topical review "Review and Assessment of Information on Geochemical Conditions for Candidate Salt Sites of the Office of Nuclear Waste Isolation (ONWI)" -- G. K. Jacobs.
10/02-84		Held workshop on "The Application of Geochemical Models to High-Level Nuclear Waste Repository Assessment" -- Oak Ridge, TN.
10/24/84	NUREG/CR-3763	Final Draft "Review and Assessment of Radionuclide Solubility Information for the Basalt Waste Isolation Project Site" -- J. G. Blencoe.
04/16/85	ORNL/TM-9585 NUREG/CP-0062	"Proceedings of a Conference of the Application of Geochemical Models to High-Level Nuclear Waste Repository Assessment."
12/18/85		Express mail -- Review Comments on draft NRC Technical Position "Determination of Radionuclide Sorption for Assessment of High-Level Waste Isolation."
01/10/86		A. D. Kelmers -- Glossary for sorption terms -- related to draft NRC Technical Position on sorption.
02/12/86		"Radwaste Natural Analog Catalog" -- by D. G. Brookins, University of New Mexico.