



**Department of Energy**  
Office of Civilian Radioactive Waste Management  
Yucca Mountain Site Characterization Office  
P.O. Box 98608  
Las Vegas, NV 89193-8608

**MAY 01 1995**

Joseph J. Holonich, Chief  
High-Level Waste and Uranium  
Recovery Projects Branch  
Division of Waste Management  
Office of Nuclear Material Safety  
and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

"NOT-READILY-AVAILABLE" REFERENCES CITED IN SITE CHARACTERIZATION  
PROGRESS REPORT 11 (SCPb: N/A)

References: (1) Ltr, Brocoum to Holonich, dtd 1/19/95  
(2) Ltr, Roberts to Holonich, dtd 12/19/91

Enclosed as per the procedure described in Reference 1, wherein  
"not-readily-available" references will no longer be provided  
unless specifically requested, is a list of the references that  
have been determined to be "not-readily-available" for Progress  
Report 11. As agreed by the U.S. Department of Energy and the  
U.S. Nuclear Regulatory Commission (NRC) staff (Reference 2),  
these are references ". . . that are not available through the  
open literature, published symposia proceedings, or the standard  
channels for distribution of government reports."

Using the enclosed listing, the NRC may contact us to receive  
copies of specific references desired.

If you have any questions, please contact Carol L. Hanlon of my  
staff at (702) 794-5118.

*For Robert W. Brocoum*  
Stephan J. Brocoum  
Assistant Manager for  
Suitability and Licensing

AMSL:CLH-3083

Enclosure:  
List of "Not-Readily-Available"  
References for Progress  
Report 11

NH03-11  
102.8  
WM-11

MAY 01 1995

cc w/encl:

R. A. Milner, HQ (RW-30) FORS  
R. R. Loux, State of Nevada, Carson City, NV  
L. W. Bradshaw, Nye County, Tonopah, NV

cc w/o encl:

D. A. Dreyfus, HQ (RW-1) FORS  
L. H. Barrett, HQ (RW-2) FORS  
C. A. Kouts, HQ (RW-34) FORS  
A. B. Brownstein, HQ (RW-36) FORS  
C. E. Einberg, HQ (RW-36) FORS  
F. C. Rodgers, HQ (RW-36) FORS  
Samuel Rouso, HQ (RW-40) FORS  
W. D. Barnard, NWTRB, Arlington, VA  
Robert Price, State of Nevada, Carson City, NV  
Cyril Schank, Churchill County, Fallon, NV  
D. A. Bechtel, Clark County, Las Vegas, NV  
J. D. Hoffman, Esmeralda County, Goldfield, NV  
Eureka County Board of Commissioners, Eureka, NV  
B. R. Mettam, Inyo County, Independence, CA  
Lander County Board of Commissioners, Battle Mountain, NV  
Jason Pitts, Lincoln County, Pioche, NV  
V. E. Poe, Mineral County, Hawthorne, NV  
Florindo Mariani, White Pine County, Ely, NV  
P. A. Niedzielski-Eichner, Nye County, Chantilly, VA  
William Offutt, Nye County, Tonopah, NV  
P. M. Dunn, M&O, Vienna, VA  
C. L. Sisco, M&O, Washington, VA  
R. I. Holden, National Congress of American Indians,  
Washington, DC  
Elwood Lowery, Nevada Indian Environmental Coalition,  
Reno, NV  
T. M. Williamson, M&O, Las Vegas, NV  
R. L. Rixford, M&O, Las Vegas, NV  
J. L. Younker, YMSCO, NV  
Amelia Landeros, PSDO/REECo, Las Vegas, NV  
S. J. Brocoum, YMSCO, NV  
R. V. Barton, YMSCO, NV  
T. W. Bjerstedt, YMSCO, NV

NOT-READILY-AVAILABLE REFERENCES  
FROM PROGRESS REPORT #11

The following is a list of documents, referenced in Progress Report #11, that are "not-readily-available." "Not-readily-available" references, as agreed by DOE and the U.S. Nuclear Regulatory Commission, are references ". . . that are not available through the open literature, published symposia proceedings, or the standard channels for distribution of government reports." All documents referenced in earlier Progress Reports have been submitted previously.

Bhattacharyya, K. K., 1994. Interoffice Correspondence from K. K. Bhattacharyya (Civilian Radioactive Waste Management System Management and Operating Contractor) to R. D. Memory (Civilian Radioactive Waste Management System Management and Operating Contractor), June 1, 1994, regarding vertical borehole emplacement-operations and quantity.

Carey, J. W., and D. L. Bish, 1994. "Hydration Energetics of Zeolites," Abstract, 31st Annual Clay Minerals Society Meeting, University of Saskatchewan, Saskatoon, Saskatchewan, August 13-18, 1994.

Castor, S. B. and C. D. Henry, 1993. Volcanic Rock-Hosted Uranium Mineralizations in Nevada and Oregon as Natural Analogues for the Potential Nuclear Waste Repository at Yucca Mountain, Nevada, written communication, Nevada Bureau of Mines and Geology, University of Nevada, Reno.

Chipera, S. J., J. W. Carey, and D. L. Bish, 1994. "The Nature of Interlayer Water in Smectite," Abstract, 31st Annual Clay Minerals Society Meeting, University of Saskatchewan, Saskatoon, Saskatchewan, August 13-18, 1994.

CRWMS M&O (Civilian Radioactive Waste Management System Management and Operating Contractor), 1993a. Catalog of Planned Boreholes for Surface-Based Testing Site Characterization Activities, BAA000000-01717-3300-00002, Revision 0, Las Vegas, Nevada.

CRWMS M&O (Civilian Radioactive Waste Management System Management and Operating Contractor), 1993b. Site Characterization Activities Catalog, BA0000000-01717-3300-00003, Revision 0, Las Vegas, Nevada.

CRWMS M&O (Civilian Radioactive Waste Management System Management and Operating Contractor), 1993c. Yucca Mountain Site Characterization Project FY 1994 ESF Engineering Plan, B00000000-01717-4600-00023, Revision 01, Las Vegas, Nevada.

ENCLOSURE

CRWMS M&O (Civilian Radioactive Waste Management System Management and Operating Contractor), 1993d. Waste Isolation Evaluation - Package 1A Sanitary Sewer System for the Exploratory Studies Facility, B00000000-01717-2200-00040, Revision 00, Las Vegas, Nevada.

CRWMS M&O (Civilian Radioactive Waste Management System Management and Operating Contractor), 1994a. Initial Summary Report For Repository/Waste Package Advanced Conceptual Design, B00000000-01717-5705-00015, Revision 00, Las Vegas, Nevada.

CRWMS M&O (Civilian Radioactive Waste Management System Management and Operating Contractor), 1994b. Controlled Design Assumptions Document, B00000000-01717-4600-00032, Revision 00, Las Vegas, Nevada.

CRWMS M&O (Civilian Radioactive Waste Management System Management and Operating Contractor), 1994c. Definition of Repository Block Limits, BC0000000-01717-0200-00003, Revision 00, Las Vegas, Nevada.

CRWMS M&O (Civilian Radioactive Waste Management System Management and Operating Contractor), 1994d. Waste Package Performance Allocation Emplacement Mode System Study, B00000000-01717-5705-00018, Revision 00, Las Vegas, Nevada.

CRWMS M&O (Civilian Radioactive Waste Management System Management and Operating Contractor), 1994e. Thermal Loading System Study Interim Report, B00000000-01717-5705-00016, Revision 00, Las Vegas, Nevada.

CRWMS M&O (Civilian Radioactive Waste Management System Management and Operating Contractor), 1994f. Thermal Evaluations of Waste Package Emplacement, BBA000000-01717-4200-00008, Revision 00, Las Vegas, Nevada.

CRWMS M&O (Civilian Radioactive Waste Management System Management and Operating Contractor), 1994g. Spent Nuclear Fuel Assembly Thermal Model, BBA000000-01717-4200-00009, Revision 00, Las Vegas, Nevada.

CRWMS M&O (Civilian Radioactive Waste Management System Management and Operating Contractor), 1994h. Long-Term Criticality Control Considerations, BBA000000-01717-4200-00006, Revision 00, Las Vegas, Nevada.

CRWMS M&O (Civilian Radioactive Waste Management System Management and Operating Contractor), 1994i. Compilation and Review of Backfill Literature, BBB000000-01717-5705-00001, Revision 00, Las Vegas, Nevada.

- CRWMS M&O (Civilian Radioactive Waste Management System Management and Operating Contractor), 1994j. Report of Preliminary RIP/YMIM Design Analyses, BBA000000-01717-5705-00002, Revision 01, Las Vegas, Nevada.
- CRWMS M&O (Civilian Radioactive Waste Management System Management and Operating Contractor), 1994k. Initial Review/Analysis of Thermal and Neutronic Characteristics of Potential MPC/WP Filler Materials, BBA000000-01717-5705-00001, Revision 00, Las Vegas, Nevada.
- CRWMS M&O (Civilian Radioactive Waste Management System Management and Operating Contractor), 1994m. Retrievability Period Systems Study Report, B00000000-01717-5705-00017, Revision 0, Las Vegas, Nevada.
- CRWMS M&O (Civilian Radioactive Waste Management System Management and Operating Contractor), 1994n. Additional Sensitivity Analyses Extending the Total System Performance Assessment (TSPA) - 1993 Results, B00000000-01717-0200-00122, Revision 00, Las Vegas, Nevada.
- DOE (U.S. Department of Energy), 1989. "General Design Criteria," DOE Order 6430.1, Office of Project and Facilities Management, Washington, D.C.
- DOE (U.S. Department of Energy), 1990a. Project Management Plan, YMP/88-2, Yucca Mountain Site Characterization Office, Las Vegas, Nevada.
- DOE (U.S. Department of Energy), 1990b. Regulatory Compliance Plan, YMP/90-33, Yucca Mountain Site Characterization Office, Las Vegas, Nevada.
- DOE (U.S. Department of Energy), 1992a. Yucca Mountain Site Characterization Project Advance Acquisition or Assistance Plan, YMP/88-2A, Revision 1, Yucca Mountain Site Characterization Office, Las Vegas, Nevada.
- DOE (U.S. Department of Energy), 1992b. Configuration Management Plan, YMP/88-4, Revision 3, Yucca Mountain Site Characterization Office, Las Vegas, Nevada.
- DOE (U.S. Department of Energy), 1993a. Test and Evaluation Plan, YMP/90-22, Revision 1, Yucca Mountain Site Characterization Office, Las Vegas, Nevada.
- DOE (U.S. Department of Energy), 1993e. Yucca Mountain Site Characterization Project Tracers, Fluids, and Materials Management Plan, YMP/91-23, Revision 2, Yucca Mountain Site Characterization Officer, Las Vegas, Nevada.
- DOE (U.S. Department of Energy), 1994b. Project Technical Implementation Plan Fiscal Year 1994, Office of Civilian Radioactive Waste Management, Washington, D.C.

- DOE (U.S. Department of Energy), 1994d. Mined Geological Disposal System Requirements Document, DOE/RW-0404P, Revision 1, Office of Civilian Radioactive Waste Management, Washington, D.C.
- DOE (U.S. Department of Energy), 1994e. Site Design and Test Requirements Document, YMP/CM-0021, Revision 1, Yucca Mountain Site Characterization Office, Las Vegas, Nevada.
- DOE (U.S. Department of Energy), 1994g. Surface-Based Testing Facilities Requirements Document, YMP/CM-0022, Revision 1, Yucca Mountain Site Characterization Office, Las Vegas, Nevada.
- DOE (U.S. Department of Energy), 1994h. Safety and Health Plan, YMP/90-37, Revision 2, Yucca Mountain Site Characterization Project, Office of Civilian Radioactive Waste Management, Las Vegas, Nevada.
- DOE (U.S. Department of Energy), 1994i. Work Breakdown Structure Index and Dictionary - Annex II to the Project Management Plan, YMP/CC-0001, Revision 12/2/94, Yucca Mountain Site Characterization Office, Las Vegas, Nevada,
- DOE (U.S. Department of Energy), 1994j. Systems Engineering Management Plan, YMP/CC-0007, Revision 04, Yucca Mountain Site Characterization Office, Las Vegas, Nevada.
- DOE (U.S. Department of Energy), 1994k. OCRWM Systems Engineering Management Plan (SEMP), DOE/RW-0051, Revision 3, Office of Civilian Radioactive Waste Management, Washington, D.C.
- DOE (U.S. Department of Energy), 1994m. Letter from D. A. Dreyfus, Office of Civilian Radioactive Waste Management to R. W. Fri (National Academy of Sciences), April 8, 1994, regarding radiation protection standards.
- DOE (U.S. Department of Energy), 1994n. Topical Report YMP/TR-002-NP: Methodology to Assess Fault Displacement and Vibratory Ground Motion Hazards at Yucca Mountain, Yucca Mountain Site Characterization Office, Las Vegas, Nevada.
- DOE (U.S. Department of Energy), 1994w. Yucca Mountain Project Management Control (MC)-List, YMP/93-17, Revision 1, Yucca Mountain Site Characterization Office, Las Vegas, Nevada.
- DOE (U.S. Department of Energy), 1994x. Site Environmental Report for Calendar Year 1993, Yucca Mountain Site, Nye County, Nevada, Yucca Mountain Site Characterization Office, Las Vegas, Nevada.
- DOE (U.S. Department of Energy), 1994y. Multi-Purpose Canister System Evaluation: A Systems Engineering Approach, DOE/RW-0445, Office of Civilian Radioactive Waste Management, Washington, D.C.

DOE (U.S. Department of Energy), 1994z. Waste Acceptance System Requirements Document, DOE/RW-0351P, Revision 1, Office of Civilian Radioactive Waste Management, Washington, D.C.

Fabryka-Martin, J., G. S. Bodvarsson, S. Wightman, W. Murphy, M. Wickham, M. Caffee, G. Nimz, J. Southon, P. Sharma, 1994. "Distribution of Chlorine-36 in the Unsaturated Zone at Yucca Mountain: An Indicator of Fast Transport Paths," Abstract, Eighth International Conference on Geochronology, Cosmochronology, and Isotope Geology, Berkeley, California, June 5-11, 1994.

Hawley, M. E. and P. S. Z. Rogers, 1994. "Iron Oxide Mineral-Water Interface Reactions Studied by AFM," Abstract, Scanning Microscopy International 1994 Meeting, Toronto, Canada, May 7-12, 1994.

Istok, J. D., C. A. Rautman, L. E. Flint, and A. L. Flint, 1994. "Spatial Variability in Hydrologic Properties of a Volcanic Tuff" Ground Water, Vol. 32, No.5, pp. 751-60.

McCoy, J. K., 1994a. Interoffice Correspondence from J. K. McCoy (Civilian Radioactive Waste Management System Management and Operating Contractor) to D. Stahl (Civilian Radioactive Waste Management System Management and Operating Contractor), August 5, 1994, regarding corrosion model for corrosion-allowance materials.

McCoy, J. K., 1994b. Interoffice Correspondence from J. K. McCoy (Civilian Radioactive Waste Management System Management and Operating Contractor) to A. O. Thompson (Civilian Radioactive Waste Management System Management and Operating Contractor), May 9, 1994, regarding issue evaluation WPD-001.

Miller, W., R. Alexander, N. Chapman, I. McKinley and J. Smellie, 1994. "Natural Analogue Studies in the Geological Disposal of Radioactive Wastes," Studies in Environmental Science 57, Elsevier, Amsterdam, the Netherlands.

Perry, F. V. et al., 1994a. Progress Report on Geochronology Studies, letter report, Los Alamos National Laboratory, Los Alamos, New Mexico.

Perry, F. V., B. M. Crowe, S. G. Wells, and L. D. McFadden, 1994b. "Field, Geochemical and Geochronologic Evidence for Polycyclic Volcanism at the Lathrop Wells Volcanic Center, Southwestern Nevada," Abstract, Eighth International Conference on Geochronology, Cosmochronology, and Isotope Geology, Berkeley, California, June 5-11, 1994.

Peterman, Z. E. and J. S. Stuckless, 1994. "Strontium Isotope Characterization of Flow Systems in Southern Nevada," USA Mineralogical Magazine, Vol. 58A, pp. 711-712.

Shi, G. H. and R. E. Goodman, 1985. "Two Dimensional Discontinuous Deformation Analysis," International Journal for Numerical and Analytical Methods in Geomechanics, Vol. 9, pp. 541-556.

Shibata, T. and T. Takeyama, 1977. "Stochastic Theory of Pitting Corrosion," Corrosion, Vol. 33, p. 243.

Shibata, T. and T. Takeyama, 1980. "Pitting Potential as a Function of Potential Sweep Velocity," in Proceedings Second Japan-U.S.S.R. Corrosion Seminar, JSCE, p. 178.

Stahl, D., 1993. Interoffice Correspondence from D. Stahl (Civilian Radioactive Waste Management System Management and Operating Contractor) to R. Memory and S. Saterlie (Civilian Radioactive Waste Management System Management and Operating Contractor), June 21, 1993, regarding waste package corrosion inputs.