

NUCLEAR WASTE CONSULTANTS INC.

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March 8, 1988

009/1.2/WWL.005
RS-NMS-85-009
Communication No. 243

U.S. Nuclear Regulatory Commission
Division of High-Level Waste Management
Technical Review Branch
MS 623-SS
Washington, DC 20555

Attention: **Mr. Jeff Pohle, Project Officer**
Technical Assistance in Hydrogeology - Project B (RS-NMS-85-009)

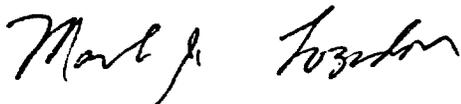
Re: Subtask 1.2 Update Report: Data Inventory and Management Report

Dear Mr. Pohle:

Attached please find the Subtask 1.2 Update Report: Data Inventory and Management, prepared by Water, Waste and Land (WWL). The report presents the bibliographical information relevant to the 22 new documents that have been added to the WWL library on NNWSI, now comprising 331 titles. Because of the DOE effort directed to finalizing the Consultation Draft Site Characterization Plan over the last six months, there is essentially nothing except references to be added to the data base at this time.

The WWL report has received a managerial review by M. Logsdon (NWC), and the report was prepared under WWL's QA procedures, consistent with the NWC QA manual. If you have any questions about this transmittal letter or about the Subtask 3.5 update report, please contact me immediately.

Respectfully submitted,
NUCLEAR WASTE CONSULTANTS, INC.



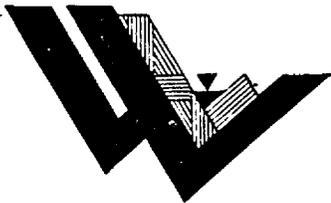
Mark J. Logsdon, Project Manager

Att: WWL Data Management Update Report, Subtask 1.2

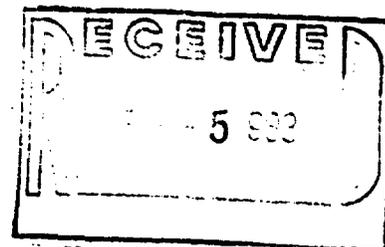
cc: US NRC - Director, NMSS (ATTN PSB)
HLWM(ATTN Division Director)
Edna Knox, Contract Administrator
HLTR (ATTN Branch Chief)
D. Chery, HLTR

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Water, Waste & Land, Inc.
CONSULTING ENGINEERS & SCIENTISTS



February 4, 1988

WWL #4001

Nuclear Waste Consultants, Inc.
155 South Madison Street, Suite 302
Denver, Colorado 80209-3014

Re: Data Management Report, Subtask 1.2

Dear Mr. Logsdon:

This letter serves as our semi-annual update of the report for Subtask 1.2, Data Inventory and Management, as required by our subcontract with Nuclear Waste Consultants. The Bibliographic information for 316 documents have currently been entered into the computerized data base. The 22 documents entered since the last Subtask 1.2 update are listed on Attachment A.

Informal reviews of the documents will continue. An updated listing of the complete data base will be provided at the Subtask 1.2 update due August 1, 1988. If you have any questions, please do not hesitate to contact us.

Sincerely,

WATER, WASTE & LAND, INC.

Tom L. Sniff
Project Engineer

TLS:dml
Attachment

ATTACHMENT A

WVLNUM 295

Case, J. B. and Kelsall, P. C., 1987. "Modification of Rock Mass Permeability in the Zone Surrounding a Shaft in Fractured, Welded Tuff." SAND86-7001.

WVLNUM 296

Oda, M. and Hatsuyama, Y., 1987. "Numerical Experiments on Permeability Tensor and Its Application to Jointed Granite at Stripa Mine, Sweden," Journal of Geophysical Research, Vol. 92, No. B8, pages 8037-8048, July 10, 1987.

WVL NUM 297

Daily, W., Lin, W., and Buscheck, T., 1987. "Hydrological Properties of Topopah Spring Tuff: Laboratory Measurements," Journal of Geophysical Research, Vol. 92, No. B8, pages 7854-7864, July 10, 1987.

WVLNUM 298

Sinnock, S., Lin, Y. T., and Brannen, J. P., 1987. "Preliminary Bounds on the Expected Postclosure Performance of the Yucca Mountain Repository Site, Southern Nevada," Journal of Geophysical Research, Vol. 92, No. B8, pages 7820-7842, July 10, 1987.

WVLNUM 299

Hopkins, P. L., Eaton, R. R., and Sinnock, S., 1987. "Effect of Drift Ventilation on Repository Hydrology and Resulting Solute Transport Implications," SAND86-1571.

WVLNUM 300

Department of Energy, 1987. "Nevada Nuclear Waste Storage Investigations, 1977-1985-A Bibliography," DOE/TIC-3406[NVO-196-24(Rev. 6)].

WVLNUM 301

Rojstaczer, S., 1987. "The Local Effects of Groundwater Pumpage Within a Fault-Influenced Groundwater Basin, Ash Meadows, Nye County, Nevada, U.S.A.," Journal of Hydrology, 91(1987) 319-337.

WVLNUM 302

Prindle, N., 1987. "Sandia Implementation of the TRACR3D Flow and Transport Code," SAND85-0008.

WVLNUM 303

Prindle, R. W., 1987. "Specification of a Test Problem for HYDROCOIN Level 3 Case 2: Sensitivity Analysis for Deep Disposal in Partially Saturated, Fractured Tuff." SAND86-1264.

WVLNUM 304

Daily, W., Lin, W., and Bascheck, T., 1985. "Hydrological Properties of Topopah Spring Tuff - Laboratory Measurements," Lawrence Livermore National Laboratory, UCRL-94363.

WWLNUM 305.

Jones, G. M., Blackey, M. E., Rice, J. E., Murphy, V. J., Levine, E. N., Fisk, P. S., and Bromery, R. W., 1987. "Survey of Geophysical Techniques for Site Characterization in Basalt, Salt, and Tuff," NUREG/CR-4957.

WWLNUM 306

Wilson, C. N., 1987. "Results from Cycles 1 and 2 of NNWSI Series 2 Spent Fuel Dissolution Tests," Westinghouse Hanford Company, HEDL-TME 85-22.

WWLNUM 307

Fruess, K., 1987. "TOUGH User's Guide", NUREG/CR-4645, SAND86-7104, LBL-20700.

WWLNUM 308

Green, R. T., and Evans, D. D., 1987. "Radionuclide Transport as Vapor through Unsaturated Fractured Rock," NUREG/CR-4654.

WWLNUM 309

Board, M. P., Wilson, M. L., and Voegele, M. D., 1987. "Laboratory Determination of the Mechanical, Ultrasonic and Hydrologic Properties of Welded Tuff from the Grouse Canyon Heated Block Site," SAND86-7130.

WWLNUM 310

Campbell, K., 1987. "Lateral Continuity of Sorptive Mineral Zones Underlying Yucca Mountain Nevada," Los Alamos National Laboratory, LA-11070-MS.

WWLNUM 311

Webb, T., Street, F. A., and Howe, S., "Precipitation and Lake-Level Changes in the West and Midwest over the Past 10,000 to 24,000 Years," Lawrence Livermore Laboratory.

WWLNUM 312

Barr, G. E. and Miller, W. B., 1987. "Simple Models of the Saturated Zone at Yucca Mountain," SAND87-0112.

WWLNUM 313

Fennix and Scisson, Inc., 1987. "NNWSI Hole Histories - Unsaturated Zone-Neutron Holes, 76 Boreholes Drilled Between May 1984 and February 1986," DOE/NV/10322-21.

WWLNUM 314

Lobmeyer, D. H., 1986. "Geohydrology of Rocks Penetrated by Test Well USW G-4, Yucca Mountain, Nye County, Nevada," USGS-WRI-86-4015.

WWLNUM 315

Fennix and Scisson, Inc., 1987. "NNWSI Hole Histories, USW G-1, USW G-2, USW G-3, USW G-4, USW GA-1, USW GU-3," DOE/NV/10322-19.

WWLNUM 316

Rojstaczer, S. A., 1981. "Moisture Movement Through Layered Soils of Highly Contrasting Texture," Masters Thesis, University of Illinois at Urbana-Champaign.