See Pocket 1 for encl.

WILLIAMS & ASSOCIATES, INC.

P.O. Box 48, Viola, Idaho 83872 (208) 883-0153 (208) 875-0147
Hydrogeology • Mineral Resources Waste Management • Geological Engineering • Mine Hydrology

'86 MAY -5 P12:32

May 1, 1986
Contract No. NRC-02-85-008
Fin No. D-1020
Communication No. 53

Mr. Jeff Pohle
Division of Waste Management
Mail Stop 623-SS
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

RE: SALT

Dear Jeff:

The SALT document reference list requested by Mr. Ross is enclosed.

Sincerely,

Gerry Winter

Gerry V. Winter

GVW:sl

enclosure

8605290380 860501
PDR WMRES EECWILA
D-1020 PDR

3016

WM-Res
WM Record File D1020
W&A

WM Project 10, 11, 16
Docket No.
PDR ✓
LPDR ✓ (B, N, S)

Distribution:
JPohle

(Return to WM, 623-SS) Sac

See D1020 5/1/86
TO: S. Pohle

SALT REFERENCES

Palo Duro

Andrews, R.W., Gupta, S.K., and Pahwa, S. August 15-17, 1984. Sensitivity Analysis of Ground Water Flow in the Palo Duro Basin, Texas. in Proceedings of the National Water Well Association Conference on Practical Applications of Ground Water Models. pp. 383-403.

Bair, E.S. and O'Donnell, T.P. 1985. Hydrodynamics of Aquifers and Aquitards at Proposed High-Level Nuclear-Waste Repository Sites, Palo Duro Basin, Texas, USA. in Memoires, vol. XVII, part 1 proceedings, Hydrogeology of Rocks of Low Permeability, International Assoc. of Hydrogeologists, p. 596-611.

Bair, E.S., O"Donnell, T.P., and Picking, L.W. February 1985. Hydrogeologic Investigations Based on Drill-Stem Test Data: Palo Duro Basin Area, Texas and New Mexico: Prepared for Office of Nuclear Waste Isolation, Columbus, OH, by Stone & Webster Engineering Corporation, BMI/ONWI-566, 182 p.

Bassett, R.L., and Bentley, M.E. 1982. Geochemistry and Hydrodynamics of Deep Formation Brines in the Palo Duro and Dalhart Basins, Texas, USA. Journal of Hydrology, vol. 59, p. 331-372.

Bassett, R.L. and Bentley, M.E. 1983. Deep Brine Aquifers in the Palo Duro Basin: Regional Flow and Geochemical Constraints. Texas Bureau of Economic Geology, Report of Investigations No. 130, Austin, Texas, 59 p.

Battelle. 1985?. Report of the Panel on Evaluation of Ground-Water Flow in Fractures at the Palo Duro Basin: 19 p.

Baumgardner, R.W., Jr., 1983, Geomorphic Processes of the Texas Panhandle. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1983-10, 19 p.

Bein, Amos and Land, L.S. 1982. San Andreas Carbonates in the Texas Panhandle: Sedimentation and Diagenesis Associated with Magnesium-Calcium-Chloride Brines. Texas Bureau of Economic Geology, Report of Investigations No. 121, Austin, Texas, 48 p.

Brewer, J.A., Good, R., Oliver, J.E., Brown, L.D., and Kaufman,

S. February 1983. COCORP Profiling Across the Southern Oklahoma Aulacogen: Overthrusting of the Wichita Mountains and Compression within the Anadarko Basin: Geology, vol. 11, p. 109-114.

Budnik, R.T., 1983, Tectonic History of the Palo Duro Basin, Texas Panhandle. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1983-1, 23 p.

Budnik, R.T., 1983, Tectonic Framework of the Palo Duro Basin, Texas Panhandle. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1983-2, 2 p.

Budnik, R.T., 1984, Active Stress Field in the Texas Panhandle. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-4, 4 p.

Budnik, R.T., 1984, Structural Geology and Tectonic History of the Palo Duro Basin, Texas Panhandle. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-55, 33 p.

Budnik, R.T., 1985, Tectonic History and Regional Tectonic Framework of the Palo Duro Basin, Texas Panhandle: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-29, 45 p.

Micro
Bureau of Economic Geology, University of Texas. June 1984. Summary Well Report DOE-GRUY Federal No. 1, Rex White: Unanalyzed Data. Office of Nuclear Waste Isolation, Technical Report BMI/SRP-5016.

Micro
Bureau of Economic Geology, University of Texas. June 1984. Summary Well Report DOE-GRUY Federal No. 1, Grabbe: Unanalyzed Data. Office of Nuclear Waste Isolation, Technical Report BMI/SRP-5017.

Caran, S.C., 1984, Reconstruction of the Late Quaternary Paleoclimate of Northwestern Texas--Progress Report, 1984. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-53, 13 p.

Caran, S.C., and Baumgardner, R.W., Jr., 1984, Quaternary Stratigraphy and Geologic Mapping, Western Rolling Plains of Texas. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-49, 12 p.

Caran, S.C., and Baumgardner, R.W., Jr., 1985, Radiocarbon Age of Quaternary Deposits, Western Rolling Plains of Texas. Texas

Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-1, 6 p.

Caran, S.C., and Neck, R.W., 1984, Late Quaternary Paleoclimatology of the Southern High Plains of Texas--Implications for Disposal of Nuclear Waste. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-10, 9 p.

Chapman, J.B., 1984, A Comparison of the Depositional Environment of the San Andres Formation in the Palo Duro Basin to Recent Evaporitic Environments. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-1, 11 p.

Collins, E.W., 1983, Fracture Studies of the Palo Duro Basin, Texas Panhandle. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1983-3, 7 p.

Collins, E.W., 1984, Jointing History of the Palo Duro Basin. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-20, 22 p.

Conti, R.D., Herron, M.J., Senger, R.K., and Wirojanagud, P., 1985, Stratigraphy and Influence of Porosity on Ground-Water Flow in the Wolfcamp Brine Aquifer, Palo Duro Basin, Texas Panhandle: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-19, 47 p.

Conti, R.D., and Senger, R.K., 1985, Hydrostratigraphy of the Wolfcamp Aquifer, Palo Duro Basin, Texas Panhandle: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-38, 18 p.

Conti, R.D., Senger, R.K., Wirojanagud, P., and Herron, M.J. 1984. Wolfcampian Series Porosity Distribution: Implications for Deep-Basin Ground-Water Flow in the Palo Duro Basin, Texas Panhandle. Texas Bureau of Economic Geology, OF-WTWI-1984-33, revision 1, Austin, Texas.

Department of Energy. June 1984. Statutory Environmental Assessment for Deaf Smith County, Texas. Webster and Bienville Parishes, Louisiana. Selected Chapters and Working Papers.

Department of Energy. June 1984. Statutory Environmental Assessment for Swisher County, Texas. Webster and Bienville Parishes, Louisiana. Selected Chapters and Working Papers.

Devary, J.L. 1983. Permian Potentiometric Analysis. Pacific Northwest Laboratory, Richland, Washington, PNL-4738.

Deyling, M.A. 1984. Testing and Sampling of Deep Brine Aquifers

in the Palo Duro Basin, West Texas. Ground Water Monitoring Review, vol. 4, no. 4, pp. 147-151.

Duffin, G.L. December 1984. Ground-Water Conditions in the Triassic Aquifer in Deaf Smith and Swisher Counties: Texas Department of Water Resources, LP-196, 87 p.

Durham, W.B., Boro, C.O., Beiriger, J.M., and Montan, D.N. October 1983. Thermal Conductivity and Diffusivity of Permian Basin Bedded Salt at Elevated Pressure and Temperature. Lawrence Livermore National Laboratory, UCRL-53476, 35 p.

Dutton, A.R., 1985, Hydrologic Testing in the Salt-Dissolution Zone of the Palo Duro Basin, Texas Panhandle: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-35, 32 p.

Dutton, A.R., Fisher, R.S., Richter, B.C., and Smith D.A. 1985. Hydrologic Testing in the Salt-Dissolution Zone of the Palo Duro Basin, Texas Panhandle, Preliminary Report of Field Data at Sawyer #2 and Mansfield #2 Wells, Test Plan WTWI-101. Texas Bureau of Economic Geology, OF-WTWI-1985-3, Austin, Texas.

Dutton, A.R. and Orr, E.D. 1984. Geostatistical Analysis of Potentiometric Surface of the San Andres Formation, Texas Panhandle. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-22.

Dutton, A.R., and Orr, E.D., 1985, Hydrogeology and Hydrochemical Facies of the San Andres Formation in Eastern New Mexico, West-Central Texas, and the Texas Panhandle. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-2, 55 p.

Dutton, A.R., and Simpkins, W.W., 1984, Chemical Composition of Dockum Group Ground Water, Texas Panhandle; Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-23.

Dutton, A.R., and Simpkins, W.W., 1985, Hydrogeology and Water Resources of the Lower Dockum Group (Triassic) in the Texas Panhandle and Eastern New Mexico: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-32, 40 p.

Dutton, S.P. 1980. Depositional Systems and Hydrocarbon Resource Potential of the Pennsylvanian System, Palo Duro and Dalhart Basins, Texas Panhandle. Texas Bureau of Economic Geology, Geological Circular 80-8, Austin, Texas, 49 p.

Dutton, S.P. 1980. Petroleum Source Rock Potential and Thermal

Maturity, Palo Duro Basin, Texas, Geological Circular 80-10, Austin, Texas, 48 p.

Dutton, S.P., Finley, R.J., Galloway, W.E., Gustavson, T.C., Handford, C.R., and Presley, M.W. 1979. Geology and Geohydrology of the Palo Duro Basin, Texas Panhandle - A Report on the Progress of Nuclear Waste Isolation Feasibility Studies (1978). Texas Bureau of Economic Geology, Geological Circular 79-1, Austin, Texas, 99 p.

Dutton, S.P., Goldstein, A.G., and Ruppel, S.C. 1982. Petroleum Potential of the Palo Duro Basin, Texas Panhandle. Texas Bureau of Economic Geology, Report of Investigations No. 123, Austin, Texas, 87 p.

Elliott, L.A., Hovorka, S.D., and Posey, H.H., 1986, Wolfcamp Petrography: Interim Report. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-47.

Finley, R.J. and Gustavson, T.C. 1980. Climatic Controls on Erosion in the Rolling Plains and along the Caprock Escarpment of the Texas Panhandle. Texas Bureau of Economic Geology, Geological Circular 80-11, Austin, Texas, 50 p.

Finley, R.J. and Gustavson, T.C. 1981. Lineament Analysis Based on Landsat Imagery, Texas Panhandle. Texas Bureau of Economic Geology, Geological Circular 81-5, Austin, Texas, 37 p.

Fisher, R.S., 1984, Amount and Nature of Occluded Water in Bedded Salt, Palo Duro Basin, Texas. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-50, 13 p.

Fisher, R.S., 1984, Host Rock Geochemistry of the Palo Duro Basin, Texas. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-11, 14 p.

Fisher, R.S., 1984, Geochemical Environment of the Evaporite Aquitard and Deep-Basin Brine Aquifer, Palo Duro Basin, Texas. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-26, 9 p.

Fisher, R.S., 1985, Clay Mineralogy: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-45.

Fisher, R.S., Hovorka, S.D., 1984, Textural and Chemical Zones in Bedded Halite, Permian Lower San Andres Formatión, Palo Duro Basin, Texas. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-48, 4 p.

Fisher, R.S., and Hovorka, S.D., 1986, Geochemical and Testural Evidence of Primay and Syndepositional Altered Halite, Permian Lower San Andres Formation, Palo Duro Basin, Texas. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-48, 10 p.

Fogg, G.E., Seni, S.J., and Kreitler, C.W. 1983. Three-Dimensional Ground-Water Modeling in Depositional Systems, Wilcox Group, Oakwood Salt Dome Area, East Texas. Texas Bureau of Economic Geology, Report of Investigations No. 133, 55 p.

Fracasso, M.A. and Hovorka, S.D. 1984. Cyclicity in the Middle Permian San Andres Formation, Palo Duro Basin, Texas, Panhandle. Texas Bureau of Economic Geology, OF-WTWI-1984-21, revision 1, Austin, Texas.

Fracasso, M.A., and Hovorka, S.D., 1985, Cyclicity in the Middle Permian San Andres Formation, Palo Duro Basin, Texas Panhandle. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-21, 54 p.

Fritz, Mary. Sept. 1985. Palo Duro: Precision Key Factor. Explorer, AAPG, pp. 1, 16-19.

Fukui, L.M. August 1984. Summary of Petrographic and Chemical Data for Palo Duro Basin Samples Examined by Bendix Field Engineering Corporation, Grand Junction, Colorado, as of April 29, 1983. Office of Nuclear Waste Isolation, BMI/ONWI-540, 106 p.

Goldstein, A.G., and Collins, E.W., May 1984. Deformation of Permian Strata Overlying a Zone of Salt Dissolution and Collapse in the Texas Panhandle: Geology, vol. 12, p. 314-317.

Gustavson, T.C., 1985, Structural Control of the Development of the Canadian River Valley, Texas Panhandle: An Example of Regional Salt Dissolution and Subsidence. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-7, 26 p.

Gustavson, T.C., Bassett, R.L., Finley, R.J., Goldstein, A.G., Handford, C.R., McGowen, J.H., Presley, M.W., Baumgardner, R.W. Jr., Bentley, M.E., Dutton, S.P., Griffin, J.A., Hoadley, A.D., Howard, R.C., McGookey, D.A., McGillis, K.A., Palmer, D.P., Ramondetta, P.J., Roedder, E., Simpkins, W.W., and Wiggins, W.D. 1981. Geology and Geohydrology of the Palo Duro Basin, Texas Panhandle - A Report on the Progress of Nuclear Waste Isolation Feasibility Studies (1980). Texas Bureau of Economic Geology, Geological Circular 81-3,

Austin, Texas, 173 p.

Gustavson, T.C., Bassett, R.L., Budnik, R., Finley, R.J., Goldstein, A.G., McGowen, J.H., Roedder, E., Ruppel, S.C., Baumgardner, R.W. Jr., Bentley, M.E., Dutton, S.P., Fogg, G.E., Hovorka, S.D., McGookey, D.A., Ramondetta, P.J., Simpkins, W.W., Smith, D., Smith, D.A., Duncan, E.A., Griffin, J.A., Merritt, R.M., and Naiman, E.R. 1982. Geology and Geohydrology of the Palo Duro Basin, Texas Panhandle - A Report on the Progress of Nuclear Waste Isolation Feasibility Studies (1981). Texas Bureau of Economic Geology, Austin, Geological Circular 82-7, Texas, 212 p.

Gustavson, T.C., and Budnik, R.T., 1984, Salt Dissolution: Examples from Beneath the Southern High Plains. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-3, 22 p.

Gustavson, T.C., and Budnik, R.T., 1984, Structural Control of Physiography, Geomorphic Processes, and Lithofacies, Texas Panhandle. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-9, 6 p.

Gustavson, T.C., Finley, R.J., and McGillis, K.A. 1980. Regional Dissolution of Permian Salt in the Anadarko, Dalhart, and Palo Duro Basins of the Texas Panhandle. Texas Bureau of Economic Geology, Report of Investigations No. 106, Austin, Texas, 40 p.

Gustavson, T.C., and Holliday, V.T., 1985, Depositional Architecture of the Quaternary Blackwater Draw and Tertiary Ogallala Formations, Texas Panhandle and Eastern New Mexico. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-23, 60 p.

Gustavson, T.C., Kreitler, C.W., Bassett, R.L., Budnik, R.T., Ruppel, S.C., Baumgardner, R.W., Jr., Caran, S.C., Collins, E.W., Dutton, A.R., Dutton, S.P., Fisher, R.S., Fogg, G.E., Hovorka, S.D., Kolker, A., McGookey, D.A., Orr, E.D., Roberts, M.P., Senger, R.K., Smith, Dale A., and Smith, D. Anderson. 1983. Geology and Geohydrology of the Palo Duro Basin, Texas Panhandle. Texas Bureau of Economic Geology, Geological Circular 83-4, 156 p.

Gustavson, T.C., Presley, M.W., Handford, C.R., Finley, R.J., Dutton, S.P., Baumgardner, R.W. Jr., McGillis, K.A., and Simpkins, W.W. 1980. Geology and Geohydrology of the Palo Duro Basin, Texas Panhandle - A Report on the Progress of Nuclear Waste Isolation Feasibility Studies (1979). Texas

Bureau of Economic Geology, Geological Circular 80-7, Austin, Texas, 99 p.

Handford, C.R. and Fredericks, P.E. 1980. Lower Permian Facies of the Palo Duro Basin, Texas: Depositional Systems, Shelf-Margin Evolution, Paleogeography, and Petroleum Potential. Texas Bureau of Economic Geology, Report of Investigations No. 102, Austin, Texas, 31 p.

Handford, C.R. and Fredericks, P.E. 1980. Facies Patterns and Depositional History of a Permian Sabkha Complex: Red Cave Formation, Texas Panhandle. Texas Bureau of Economic Geology, Geological Circular 80-9, Austin, Texas, 38 p.

Herron, M.J. 1984. Lower Permian (Wolfcampian) Stratigraphy and Paleogeography, Palo Duro Basin, Texas: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-47.

Hovorka, S.D. 1985. Diagenesis of the San Andres Formation: Unit 4 Carbonate, SWEC no. 1 G. Friemel and SWEC no. 1 Detten Wells. Texas Bureau of Economic Geology, Austin, Texas, OF-WTWI-1985-41.

Hovorka, S.D., Fisher, R.S., and Nance, H.S., 1985, Petrography and Geochemistry of the Artesia Group, Palo Duro Basin, Texas Panhandle: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-439.

Hovorka, S.D., Luneau, B.A., and Thomas, S. 1985. Stratigraphy of Bedded Halite in the Permian San Andres Formation, Units 4 and 5, Palo Duro Basin, Texas. Texas Bureau of Economic Geology, OF-WTWI-1985-9.

Hovorka, S.D. and McCrary, M.M. 1985. Petrography of the Artesia Group, Interim Report (vol. 1). Texas Bureau of Economic Geology, Austin, Texas, OF-WTWI-1985-42 (vol. 1).

Hovorka, S.D. and McCrary, M.M. 1985. Petrography of the Artesia Group, Interim Report (vol. 2). Texas Bureau of Economic Geology, Austin, Texas, OF-WTWI-1985-42 (vol. 2).

Hubbard, N. 1984. Hydrochemical and Isotope Hydrology Resullts for the Palo Basin, Texas Panhandle: A Summary Report of Material Presented at the June 5, 1984 Discussion Meeting, Columbus, Ohio: Office of Nuclear Waste Isolation, 84 p.

Hubbard, N., Livingston, D., and Fukui, L. ____. The Composition and Stratigraphic Distribution of Materials in the Lower San Andres Salt Unit 4: Bendix Field Engineering Corp.

INTERA Environmental Consultants, Inc. December 1984. First Status Report on Regional Ground-Water Flow Modeling for the Palo Duro Basin, Texas. Office of Nuclear Waste Isolation, Technical Report, ONWI-504, 252 p.

INTERA Technologies, Inc. May 1984. Second Status Report on Regional Ground-Water Flow Modeling for the Palo Duro Basin, Texas. Office of Nuclear Waste Isolation, second draft, ONWI/E512-02900/TR-31, 410A-00G-17A, 117 p.

INTERA Technologies, Inc., 1984, Second Status Report on Regional Ground-Water Flow Modeling for the Palo Duro Basin, Texas: Office of Nuclear Waste Isolation, Columbus, Ohio, ONWI/E512-02900/TR-31, 410A-00G-17A.

Johns, D.A., 1985, Sandstone Distribution and Lithofacies of the Triassic Dockum Group, Palo Duro Basin, Texas. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-25, 46 p.

Johns, D.A. and Hovorka, S.D. 1984. Core and Sample Analysis of the Dockum Group, DOE - Gruy Federal #1 Grabbe, Swisher County, Texas. Texas Bureau of Economic Geology, OF-WTWI-1984-45, Austin, Texas.

Kaiser, W.R., 1985, Cross-Formational Flow in the Palo Duro Basin, Texas Panhandle: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-33.

Kelsall, P.C., Case, J.B., Coons, W.E., Franzone, J.G., and Meyer, D. December 1985. Schematic Designs for Penetration Seals for a Repositoryy in the Permian Basin. Prepared by IT Corporation for Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, BMI/ONWI-564, 186 p.

Knauth, L.P. and Beeunas, M.A. July 1985. Origin of Fluid Inclusion Water in Bedded Salt Deposits, Palo Duro Basin, Texas: Office of Nuclear Waste Isolation, Columbus, OH, BMI/ONWI-569, 59 p.

Kreitler, C.W., Fisher, R.S., Senger, R.K., Hovorka, S.D., and Dutton, A.R. 1984. Hydrology of an Evaporite Aquitard: Permian Evaporite. Texas Bureau of Economic Geology, OF-WTWI-1984-52, Austin, Texas, 33 p.

Kreitler, C.W., Fisher, R.S., Senger, R.K., Hovorka, S.D., and Dutton, A.R. 1985. Hydrology of an Evaporite Aquitard: Permian Evaporite Strata, Palo Duro Basin, Texas. in Memoires, vol. XVII, part 1 proceedings, Hydrogeology of Rocks of Low Permeability, International Assoc. of

Hydrogeologists, p. 150-168.

Machenberg, M.D., and Caran, S.C., 1984, Modern Eolian Processes on the Southern High Plains. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-16, 5 p.

McCleary, Jeff, Rogers, T. and Ely, R. August, 1983. Stratigraphy, Structure, and Lithofacies Relationships of Devonian through Permian Sedimentary Rocks: Paradox Basin and Adjacent Areas - Southeastern Utah. Office of Nuclear Waste Isolation (ONWI), Technical Report ONWI-485, 148 p.

McGillis, K.A. and Presley, M.W. 1981. Tansill, Salado, and Alibates Formations: Upper Permian Evaporite/Carbonate Strata of the Texas Panhandle. Texas Bureau of Economic Geology, Geological Circular 81-8, Austin, Texas, 31 p.

McGookey, D.A., 1984, Uplift, Tilting,, and Subsidence of the Palo Duro Basin Area. Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-2, 12 p.

Means, J.L., and Hubbard, N.J., 1985, The Organic Chemistry of Deep Ground Waters from the Palo Duro Basin, Texas: Implications for Radionuclide Complexation, Ground-Water Origin, and Petroleum Exploration: Office of Nuclear Waste Isolation, Columbus, OH, Technical Report BMI/ONWI-578, May, 83 p.

Nance, H.S., 1985, The Artesia Group (Guadalupian/Ochoan) of Palo Duro Basin: Depositional Systems and Effects of Post-Permian Salt Dissolution: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-24, 36 p.

Nativ, Ronit, and Smith, D.A., 1985, Characterization Study of the Ogallala Aquifer, Northwest Texas: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-34, 103 p.

Micro
NUS Corporation. June 1978. Plans for Environmental Surveys of Bedded salt Formations and Overlying Areas of the Permian Basin in Texas. Volume 1, Y/OWI/SUB-77/16540/5. 203 p.

NUS Corporation. May 1980. Area Environmental Characterization Report of the Dalhart and Palo Duro Basins in the Texas Panhandle. Volume II. Palo Duro Basin. Office of Nuclear Waste Isolation, ONWI-102, 260 p.

NUS Corporation. 1982. An Environmental Characterization Report of the Dalhart and Palo Duro Basins in the Texas Panhandle: Volume I, Dalhart Basin. Office of Nuclear Waste Isolation,

Technical Report ONWI-102. 180 p.

NUS Corporation. 1982. An Environmental Characterization Report of the Dalhart and Palo Duro Basins in the Texas Panhandle: Volume II, Palo Duro Basin. Office of Nuclear Waste Isolation, Technical Report ONWI-102. 302 p.

NUS Corporation. September 1982. Area Environmental Characterization Report of the Dalhart and Palo Duro Basins in the Texas Panhandle. Volume I. Dalhart Basin. Office of Nuclear Waste Isolation, ONWI-102, 180 p.

NUS Corporation. July, 1983. Environmental Characterization of Bedded Salt Formations and Overlying Areas of the Permian Basin. Office of Nuclear Waste Isolation (ONWI), Technical Report ONWI-27, 414 p.

NUS Corporation. December 1983. Regional Summary and Recommended Study Areas for the Texas Panhandle Portion of the Permian Basin. Office of Nuclear Waste Isolation, Technical Report ONWI-28, 65 p.

NUS Corporation. January 1984. Socioeconomic Data Base Report for the Permian Basin. Technical Report ONWI-461, Office of Nuclear Waste Isolation, Columbus, Ohio, 317 p.

NUS Corporation. March 1984. Winter Sound-Level Characterization of the Deaf Smith County Location in the Palo Duro Basin, Texas. Office of Nuclear Waste Isolation, BMI/ONWI-526, 32 p.

NUS Corporation. March 1984. Meteorological and Air Quality Characterization of the Deaf Smith and Swisher County Locations in the Palo Duro Basin, Texas. Technical Report BMI/ONWI-527, Office of Nuclear Waste Isolation, Columbus, Ohio, 56 p.

NUS Corporation. March 1984. Summer Sound-Level Characterization of the Deaf Smith County and Swisher County Locations in the Palo Duro Basin, Texas. Office of Nuclear Waste Isolation, BMI/ONWI-528, 36 p.

NUS Corporation. October 1984. Background Radiation in Two Locations in Deaf Smith and Swisher Counties Within the Palo Curo Basin. Office of Nuclear Waste Isolation, BMI/ONWI-558, 52 p.

NUS Corporation. December 1984. Land Use/Land Cover in Swisher County and Deaf Smith County Locations, Palo Duro Basin, Texas. December 1984. Office of Nuclear Waste Isolation,

Technical Report, BMI/ONWI-509, 128 p.

NUS Corporation. December 1984. Soil Characteristics of Two Locations in Swisher and Deaf Smith Counties, Palo Duro Basin, Texas. Technical Report, Office of Nuclear Waste Isolation, BMI/ONWI-510, 58 p.

NUS Corporation. December 1984. Visual Assessments for Swisher County and Deaf Smith County Locations, Palo Duro Basin, Texas. Office of Nuclear Waste Isolation, Technical Report, BMI/ONWI-559, 46 p.

NUS Corporation. December 1984. Cultural Resources: Deaf Smith and Swisher County Locations, Palo Duro Basin, Texas. Office of Nuclear Waste Isolation, Technical Report, BMI/ONWI-560, 200 p.

NUS Corporation. February 1985. Water Supply and Use in Deaf Smith, Swisher, and Nearby Counties in the Texas Panhandle. Office of Nuclear Waste Isolation, Technical Report, BMI/ONWI-557, 196 p.

NUS Corporation. April 1985. Flooding Studies of Proposed Repository Locations in the Palo Duro Basin of the Texas Panhandle: Office of Nuclear Waste Isolation, Columbus, OH, BMI/ONWI-574, 202 p.

NUS Corp. April 1985. Surface Hydrologic Characteristics of Proposed Repository Locations in the Palo Duro Basin of the Texas Panhandle. Office of Nuclear Waste Isolation, Technical Report, BMI/ONWI-575, 126 p.

Office of Nuclear Waste Isolation. September 1983. Permian Basin Location Recommendation Report. Technical Report prepared for U. S. Department of Energy, DOE/CH/10140-2, 190 p.

Orr, E.D., 1984, Investigation of Underpressuring in the Deep-Basin Brine Aquifer, Palo Duro Basin, Using Pressure/Depth Profiles: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-6.

Orr, E.D. and Dutton, A.R. 1983. An Application of Geostatistics to Determine Regional Ground-Water Flow in the San Andres Formation, Texas and New Mexico. Ground Water, vol. 21, no. 5, pp. 619-624.

Orr, E.D., Kreitler, C.W., and Senger, R.K. 1985. Investigation of Underpressuring in the Deep-Basin Brine Aquifer, Palo Duro Basin, Texas. Texas Bureau of Economic Geology,

Austin, Texas, Geological Circular 85-1, 44 p.

Orr, E. D. and Senger, R.K. 1984. Vertical Hydraulic Conductivity, Flux, and Flow in the Deep-Basin Brine Aquifer, Palo Duro Basin, Texas. Texas Bureau of Economic Geology, Austin, Texas, OF-WTWI-1984-44, 19 p.

Orr, E.D., Senger, R.K., Smith, D.A., Fisher, R.S., 1983, Supplemental Report for Pressure-Depth Relationships, Potentiometric Levels, and Hydrochemistry of the Palo Duro Basin, Texas: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1983-12.

Orr, E.D. and Senger, R.K. 1984. Vertical Hydraulic Conductivity, Flux, and Flow in the Deep-Basin Brine Aquifer, Palo Duro Basin, Texas. Texas Bureau of Economic Geology, OF-WTWI-1984-44, Austin, Texas, 19 p.

Picking, L.W. and Wilton, D.E. 1985. Testing the Hydraulic Characteristics of Low Permeability Carbonates, Palo Duro Basin, Texas. in Memoires, vol. XVII, part 1 proceedings, Hydrogeology of Rocks of Low Permeability, International Assoc. of Hydrogeologists, p. 190-197.

Ramondetta, P.J. 1982. Facies and Stratigraphy of the San Andreas Formation, Northern and Northwestern Shelves of the Midland Basin, Texas and New Mexico. Texas Bureau of Economic Geology, Report of Investigations No. 128, Austin, Texas, 56 p.

Regan, T.R., and Murphy, P.J., November 1984, Structural Analysis of the Northern Palo Duro Basin. Stone and Webster Engineering Corp., Boston, MA, Topical Report ONWI/SUB/84/E512-05000-T30, 45 p.

Richter, B.C., Smith, D.A., and Orr, E.D., 1984, Status Report on Identification of Discharge Areas of Deep-Basin Brine Aquifers, Hardeman Basin, Texas: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-25.

Rogatz, Henry. July 1939. Geology of Texas Panhandle Oil and Gas Field. Bulletin of the American Association of Petroleum Geologists, vol. 23, no. 7, p. 983-1053.

Rose, P.R. March 1986. Petroleum Geology of the Palo Duro Basin, Texas Panhandle. Prepared by Telegraph Exploration, Inc., for Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, Technical Report BMI/ONWI-589, 72 p.

Rose, P.R. March 1986. Hydrocarbon Resources of the Palo Duro Basin, Texas Panhandle. Prepared by Telegraph Exploration, Inc., for Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, Technical Report BMI/ONWI-590, 100 p.

Ruppel, S.C. 1985. The Pre-Pennsylvanian of the Palo Duro Basin, Texas Panhandle: Stratigraphy and Petroleum Potential: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-6.

Ruppel, S.C., Conti, R.D., Dutton, S.P., Fracasso, M.A., Herron, M..J., Hovorka, S.D., Johns, D.A., and Kolker, A. 1984. Stratigraphy of the Palo Duro Basin--A Status Report: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-30.

Ruppel, S.C., Fracasso, M.A., and Johns, D.A., 1984, Stratigraphic Studies of the Palo Duro Basin: An Update (1984). Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-43, 42 p.

Sandia National Laboratories, November 1983. Repository Site Data and Information in Bedded Salt: Palo Duro Basin, Texas. NUREG/CR-3129, SAND82-2223, 486 p.

Senger, R.K. 1984. Hydrodynamic Development of the Palo Duro Basin and Other Mechanisms Creating Possible Transient Flow Conditions. Texas Bureau of Economic Geology, OF-WTWI-1984-54, Austin, Texas.

Senger, R.K. 1985. Evaluation of Numerical Codes for Fracture Flow Modeling. Texas Bureau of Economic Geology, OF-WTWI-1985-4, Austin, Texas.

Senger, R.K., 1985, Investigation of the Possible Effect of Fracture Zones on Ground-Water Flow in the Palo Duro Basin, West Texas: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-36, 111 p.

Senger, R.K., Conti, R.D., and Smith, D.A. 1985. A Three-Dimensional Ground-Water Flow Model for the Palo Duro Basin, Texas. Texas Bureau of Economic Geology, Austin, Texas, OF-WTWI-1985-39.

Senger, R.K. and Fogg, G.E. 1984. Modeling the Effects of Regional Hydrostratigraphy and Topography on Ground-Water Flow, Palo Duro Basin, Texas. prepared by Texas Bureau of Economic Geology for Office of Nuclear Waste Isolation, OF-WTWI-1984-32.

Senger, R.K., Fogg, G.E., and Kreitler, C.W., 1985, Effects of Hydrostratigraphy and Basin Development on Hydrodynamics of the Palo Duro Basin, Texas: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-37, 58 p.

Senger, R.K. and Richter, B.C. 1983. Identification of Recharge-Discharge Areas of the Palo Duro Basin, Texas Panhandle. Texas Bureau of Economic Geology, OF-WTWI-1983-4, Austin, Texas.

Senger, R.K., Smith, D.A., and Conti, R.D. 1984. Preliminary Results of Porosity and Permeability of Cores from DOE Wells in the Palo Duro Basin, Texas, Panhandle. Texas Bureau of Economic Geology, OF-WTWI-1984-27, Austin, Texas.

Senseny, P.E., Pfeifle, T.W., and Mellegard, K.D. January 1985. Constitutive Parameters for Salt and Nonsalt Rocks from the Detten, G. Friemel, and Zeeck Wells in the Palo Duro Basin, Texas. Office of Nuclear Waste Isolation, Technical Report, Technical Report, BMI/ONWI-549, 194 p.

Simpkins, W.W., Gustavson, T.C., Alhades, A.B., and Hoadley, A.D. 1981. Impact of Evaporite Dissolution and Collapse on Highways and Other Cultural Features in the Texas Panhandle and Eastern New Mexico. Texas Bureau of Economic Geology, Geological Circular 81-4, Austin, Texas, 23 p.

Smith, D.A., 1984, Potentiometric Level of the Deep-Basin Brine Aquifer, Palo Duro Basin, Texas Panhandle: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-7.

Smith, D.A., 1984, Potentiometric Level of the Deep-Basin Brine Aquifer, Palo Duro Basin, Texas Panhandle: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1984-38.

Smith, D.A. 1984. Evaluation of the J. Friemel #1 Vertical Well Tests, Deaf Smith County, Palo Duro Basin, Texas Panhandle. Texas Bureau of Economic Geology, OF-WTWI-1984-28, Austin, Texas.

Smith, D.A. 1984. Hydrologic Test Data, J. Friemel #1 Well, Deaf Smith County, Palo Duro Basin, Texas Panhandle. Texas Bureau of Economic Geology, OF-WTWI-1984-42, Austin, Texas.

Smith, D.A., Akhter, Saleem, and Kreitler, C.W., 1985, Ground-Water Hydraulics of the Deep-Basin Aquifer System, Palo Duro Basin, Texas Panhandle: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1985-16.

Smith, Andy, and Orr, E.D., 1982, Use of Kriging to Estimate the

Wolfcampian and San Andres Potentiometric Surfaces, Palo Duro Basis, Texas Panhandle: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1982-3.

Smith, P.G. No date. Modeling the Deep Basin Hydrogeology of a Potential High-Level Radwaste Site in Texas. Draft report by Stone & Webster Engineering Corp., B3-5311301-365, 29 p.

Smith, P.G., Page, G.W., and Downing, J.K. 1985. Regional Lithopermeability Determinations for the Permian Basin Area of Texas and New Mexico. in Memoires, vol. XVII, part 1 proceedings, Hydrogeology of Rocks of Low Permeability, International Assoc. of Hydrogeologists, p. 177-189.

Stone & Webster Engineering Corporation. December 1981. Area Geological Characterization Report for the Palo Duro and Dalhart Basins, Texas. Office of Nuclear Waste Isolation, Technical Report ONWI-292, 326 p.

Stone & Webster Engineering Corporation. July 1983. Area Geological Characterization Report for the Palo Duro and Dalhart Basins, Texas. U. S. Department of Energy, Office of Civilian Radioactive Waste Management, DOE/CH/10140-1, 431 p.

Stone & Webster Engineering Corporation. December 1983. Major Salt Beds of the Palo Duro and Dalhart Basins, Texas. Technical Report BMI/ONWI-518, Office of Nuclear Waste Isolation, Columbus, Ohio, 69 p.

Micro and Paper
Stone & Webster Engineering Corporation. April 1984. Well Completion Report--Dissolution Zone Water Wells (PD-8, PD-11, PD-12, PD-13), Palo Duro Basin, Texas: Unanalyzed Data. Office of Nuclear Waste Isolation, Technical Report BMI/SRP-5002, 6 Appendicies, 16 p.

Micro and Paper
Stone & Webster Engineering Corporation, May 1984. Well Completion Report--G. Friemel No. 1 (PD-5) Well, Palo Duro Basin, Texas: Unanalyzed Data. Technical Report BMI/SRP-5003, Office of Nuclear Waste Isolation.

Micro
Stone & Webster Engineering Corp. May 1984. Well Completion Report Harman No. 1 (PD-8), Palo Duro Basin: Unanalyzed Data. Prepared for the Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, Technical Report BMI/SRP-5004 (Rev.1).

Micro and Paper
Stone & Webster Engineering Corporation, May 1984. Well Completion Report--Mansfield No. 1 (PD-4) Well, Palo Duro Basin, Texas: Unanalyzed Data. Technical Report BMI/SRP-5005, Office of Nuclear Waste Isolation.

Micro
Stone & Webster Engineering Corporation, May 1984. Well Completion Report--Sawyer No. 1 (PD-3) Well, Palo Duro Basin, Texas: Unanalyzed Data. Technical Report BMI/SRP-5006, Office of Nuclear Waste Isolation.

Micro and Paper
Stone & Webster Engineering Corporation, May 1984. Well Completion Report--Holtzclaw No. 1 (PD-10) Well, Palo Duro Basin, Texas: Unanalyzed Data. Technical Report BMI/SRP-5007, Office of Nuclear Waste Isolation.

Micro
Stone & Webster Engineering Corp. November 1985. Well Completion Report -- Detten no. 1 (PD-6) Well, Palo Duro Basin, Texas : Unanalyzed Data. Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, Technical Report BMI/SRP-5008 (Rev. 1).

Micro
Stone & Webster Engineering Corp. May 1984. Well Completion Report Zeeck No. 1 (PD-7) Palo Duro Basin: Unanalyzed Data. Prepared for the Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, Technical Report BMI/SRP-5009 (Rev. 1).

Micro and Paper
Stone & Webster Engineering Corporation, May 1984. Pumping Test and Fluid Sampling Report--Sawyer No. 1 Well, Palo Duro Basin, Texas: Unanalyzed Data. Technical Report BMI/SRP-5010, Office of Nuclear Waste Isolation.

Micro
Stone & Webster Engineering Corporation, May 1984. Well Completion Report--J. Friemel No. 1 (PD-9) Well, Palo Duro Basin, Texas: Unanalyzed Data. Technical Report BMI/SRP-5011, Office of Nuclear Waste Isolation.

Micro and Paper
Stone & Webster Engineering Corporation, May 1984. Permeability Data Base--Palo Duro Basin: Texas, Oklahoma, and New Mexico: Unanalyzed Data. Technical Report BMI/SRP-5012, Office of Nuclear Waste Isolation.

Micro
Stone & Webster Engineering Corporation, May 1984, Oil and gas Well Data File--Palo Duro Basin, Texas and New Mexico: Unanalyzed Data. Technical Report BMI/SRP-5013, Office of Nuclear Waste Isolation.

Micro
Stone & Webster Engineering Corporation, May 1984, Formation Pressure Data File--Palo Duro Basin, Texas and New Mexico: Unanalyzed Data. Technical Report BMI/SRP-5014, Office of Nuclear Waste Isolation.

Micro
Stone & Webster Engineering Corporation, June 1984. Summary Well Report DOE-Gruy Federal No. 1 Rex White: Unanalyzed Data. Technical Report BMI/SRP-5016.

Micro
Stone & Webster Engineering Corporation, June 1984. Summary Well Report DOE-Gruy Federal No. 1 Grabbe: Unanalyzed Data. Technical Report BMI/SRP-5017.

Stone & Webster Engineering Corporation. September 1984. Report of Laboratory Testing on Rock Core Samples--Mansfield No. 1(PD-4) Well, Palo Duro Basin, Texas: Unanalyzed Data. Office of Nuclear Waste Isolation, BMI/SRP-5019, 5 p.

Micro
Stone & Webster Engineering Corporation. July 1984. Pumping Test and Fluid Sampling Report--Mansfield No. 1 (PD-4) Well, Palo Duro Basin, Texas, Unanalyzed Data. BMI/SRP-5020.

Micro
Stone & Webster Engineering Corp. July 1984. Laboratory Testing of Rock and Salt Samples for Determination of Specific Gravity and Total Porosity of the Zeeck No. 1 Well (PD-7), Palo Duro Basin, Texas: Unanalyzed Data. Technical Report, BMI/SRP-5021.

Micro
Stone & Webster Engineering Corp. July 1984. Laboratory Testing of Rock and Salt Samples for Determination of Specific Gravity and Total Porosity of the Mansfield No. 1 Well (PD-4), Palo Duro Basin, Texas: Unanalyzed Data. Technical Report. BMI/SRP-5022.

Micro
Stone & Webster Engineering Corp. August 1984. Report of Laboratory Testing on Rock Core Samples-Detten No. 1 (PD-6) Well, Palo Duro Basin, Texas: Unanalyzed Data. Technical

Report. BMI/SRP-5023.

Stone & Webster Engineering Corporation. October 1984. Ogallala Aquifer Mapping Program. Office of Nuclear Waste Isolation, BMI/ONWI-524, 111 p.

Stone & Webster Engineering Corporation. April 1985. Field Test Activities Report, Black No. 1 Well, Deaf Smith County, Texas: Office of Nuclear Waste Isolation, Columbus, OH, ONWI/SUB/85/E512-05000-T36, 77 p.

Stone & Webster Engineering Corporation. October 1985. Investigation of the Suspected Presence of Solid Hydrocarbon in Bedded Salt Samples fro the Palo Duro Basin, Texas: Office of Nuclear Waste Isolation, Columbus, OH, BMI/ONWI-582, 24 p.

Stone & Webster Engineering Corporation. October 1985. Report of Laboratory Testing on Rock Core Samples from J. Friemel No. 1 (PD-9) Well, Palo Duro Basin, Texas: Unanalyzed Data: Office of Nuclear Waste Isolation, BMI/SRP-5035, 4 p.

Stone & Webster Engineering Corporation. October 1985. Laboratory Testing of Rock Samples for the Determination of Rebound Hardness, Abrasion Hardness, and Unconfined Compressive Strength from the J. Friemel No. 1 (PD-9) Well, Palo Duro Basin, Texas: Unanalyzed Data: Office of Nuclear Waste Isolation, BMI/SRP-5036, 1 p.

Texas Bureau of Economic Geology, 1985, Geology and Geohydrology of the Palo Duro Basin, Texas Panhandle, A Report on the Progress of Nuclear Waste Isolation Feasibility Studies (1984): OF-WTWI-1985-30.

Texas Water Development Board. September 1972. A Survey of the Subsurface Saline Water of Texas, volume 2: Chemical Analyses of Saline Water. Core Laboratories, Inc., Dallas, Texas, Report 157, 377 p.

Texas Water Development Board. September 1972. A Survey of the Subsurface Saline Water of Texas, volume 1: Aquifer Rock Properties. Core Laboratories, Inc., Dallas, Texas, Report 157, 364 p.

U.S. Department of Energy. November 1984. Identification of Sites within the Palo Duro Basin: Volume 3-Responses to Comments. Office of Civilian Radioactive Waste Management, DOE/CH-10(3), 121 p.

U.S. Department of Energy. November 1984. Identification of

Sites within the Palo Duro Basin: Volume 1-Palo Duro Location A. Office of Civilian Radioactive Waste Management, DOE/CH-10(1), 163 p.

U.S. Department of Energy. November 1984. Identification of Sites within the Palo Duro Basin: Volume 2-Palo Duro Location B. Office of Civilian Radioactive Waste Management, DOE/CH-10(2), 159 p.

U.S. Department of Energy. December 1984. Draft Environmental Assessment Swisher County Site, Texas. Office of Civilian Radioactive Waste Management, DOE/RW-0015.

U.S. Department of Energy. December 1984. Draft Environmental Assessment Deaf Smith County Site, Texas. Office of Civilian Radioactive Waste Management, DOE/RW-0014.

U.S. Nuclear Regulatory Commission. September 1984. Draft Issue-Oriented Site Technical Position (ISTP) for Salt Repository Project (SRP) Permian Basin Sites.

West Texas Waste Isolation Staff, 1982, Hydrology of the Palo Duro Basin, Texas Panhandle: Texas Bureau of Economic Geology, Austin, TX, OF-WTWI-1982-1, 51 p.

Wirojanaqud, P., Kreitler, C.W., and Smith, D.A. 1984. Numerical Modeling of Regional Ground-Water Flow in the Deep-Brine Aquifers of the Palo Duro Basin, Texas Panhandle. prepared by Texas Bureau of Economic Geology for Office of Nuclear Waste Isolation, OF-WTWI-1984-8, revision 1.

Paradox

Bechtel Group, Inc. January 1981. Water Sources and Conservation Study for the Paradox Basin, Utah. Office of Nuclear Waste Isolation, Draft ONWI-265.

Bechtel Group, Inc. March 1984. Visual Aesthetics Study: Gibson Dome Area, Paradox Basin, Utah. Office of Nuclear Waste Isolation, ONWI-454, 101 p.

Becktel Group, Inc. and Woodward-Clyde Consultants. 1982. Paradox Area Characterization Summary and Location Recommendation Report. Office of Nuclear Waste Isolation, Technical Report ONWI-291.

Bechtel Group, Inc. and Woodward-Clyde Consultants. February 1982. Summary Characterization and Recommendation of Study Areas for the Paradox Basin Study Region. Office of Nuclear Waste Isolation, ONWI-36, 83 p.

Bechtel Group, Inc. and Woodward-Clyde Consultants. November 1982. Paradox Basin Site Characterization Report Preparation Papers, Gibson Dome Location. Office of Nuclear Waste Isolation, Technical Report ONWI-301, 104 p.

Betancourt, Julio L., and Biggar, Norma. June 1985. Preliminary Assessment of Late Quaternary Vegetation and Climate of Southeastern Utah Based on Analyses of Packrat Middens. Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, Technical Report BMI/ONWI-570, 128 p.

Blanchard, B. March 26, 1985. Transmittal letter and comments developed by the U. S. Dept. of Interior on the Draft Environmental Assessment prepared by the U. S. Dept. of Energy for the Paradox Basin.

Daniels, J.J. 1982. Hole-to-Surface Resistivity Measurement at Gibson Dome (drill hole GD-1) Paradox Basin, Utah. U.S. Geological Survey Open File Report 82-320, 27 p.

Department of Energy. June 1984. Statutory Environmental Assessment for Davis Canyon, Utah. Webster and Bienville Parishes, Louisiana. Selected Chapters and Working Papers.

Department of Energy. June 1984. Statutory Environmental Assessment for Lavendar Canyon, Utah. Webster and Bienville Parishes, Louisiana. Selected Chapters and Working Papers.

Dunbar, D.B., and Thackston, J.W. October 1985. Status Report: Numerical Modeling of Ground-Water Flow in the Paleozoic Formations, Western Paradox Basin, Utah. Prepared for Office of Nuclear Waste Isolation, Columbus, OH, by Woodward-Clyde Consultants, Technical Report BMI/ONWI-571, 85 p..

Elston, D.P., Shoemaker, E.M., and Landis, E.R. 1962. Uncompahgre Front and Salt Anticline Region of Paradox Basin, Colorado and Utah. Bulletin of the American Association of Petroleum Geologists, vol. 46, no. 10, p. 1857-1878.

Hanshaw, B.B., and Hill, G.A. 1969. Geochemistry and Hydrodynamics of the Paradox Basin Region, Utah, Colorado and New Mexico. Chemical Geology, vol. 4, p. 263-294.

Herman, G., and Barkel, C.A. 1957. Pennsylvanian Stratigraphy and Productive Zones, Paradox Salt Basin. Bulletin of the American Association of Petroleum Geologists, vol. 41, no. 5, p. 861-881.

Hildenbrand, T.G. and Kucks, R.P. 1983. Regional Magnetic and Gravity Features of the Gibson Dome Area and Surrounding Region, Paradox Basin, Utah. U. S. Geological Survey, Open-File Report 83-359, 34 p.

Micro and Paper
Hite, R.J. and Lohman, S.W. 1973. Geological Appraisal of Paradox Basin Salt Deposits for Waste Emplacement. U. S. Geological Survey, Open-File Report 4339-6, 75 p.

Huntoon, P.W. November 1977. The Hydrogeologic Feasibility of Developing Ground-Water Supplies in the Northern Part of Canyonlands National Park and Bridges National Monument Utah. U.S. Department of the Interior, National Park Service, Contract CX-1200-7-B020, 24 p.

Huntoon, P.W. 1979. The Occurrence of Ground Water in the Canyonlands Area of Utah, with Emphasis on Water in the Permian Section. Four Corners Geological Society 9th Field Conference Guidebook, p. 39-46.

Huntoon, P.W. January-February 1981. Fault Controlled Ground-Water Circulation Under the Colorado River, Marble Canyon, Arizona. Ground Water, vol. 19, no. 1, p. 20-27.

Huntoon, P.W., and Richter, H.R. 1979. Breccia Pipes in the Vicinity of Lockhart Basin, Canyonlands Area, Utah. Four Corners Geological Society 9th Field Conference Guidebook,

p. 47-53.

INTERA Environmental Consultants, Inc. May 1984. First Status Report on Regional Ground-Water Flow Modeling for the Paradox Basin, Utah. Office of Nuclear Waste Isolation, ONWI-503, 176 p.

Kelsall, P.C., Meyer, J.B. Case, and Coons, W.E. December 1985. Schematic Designs for Penetration Seals for a Repository in the Paradox Basin. Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, Technical Report BMI/ONWI-563, 190 p.

Kitcho, C.A., Wong, I.G., and Turcotte, F.T. November 1984. Seismic Reflection, Gravity, and Aeromagnetic Studies of Geologic Structure in the Davis and Lavender Canyons Candidate Area, Paradox Basin, Utah. A (draft) Letter Report prepared for the Office of Nuclear Waste Isolation.

Konikow, L.F. and Bedinger, M.S. January 1978. Evaluation of Hydrogeologic Aspects of Proposed Salinity Control Program in Paradox Valley, Colorado. U. S. Geological Survey, Open-File Report 78-27, 23 p.

McCleary, J. December 1983. Stratigraphic and Structural Configuration of the Navajo (Jurassic) through Ouray (Mississippian-Devonian) Formations in the Vicinity of Davis and Lavender Canyons, Southeastern Utah. Topical Report prepared for the Office of Nuclear Waste Isolation.

McCulley, Bryan. October 1985. Marble Canyon Spring Sampling Investigation: Office of Nuclear Waste Isolation, Columbus, OH, BMI/ONWI-514, 61 p.

McCulley, B.L., Thackston, J.W., and Preslo, L.M. February 1984. Status Report: Geochemical Interactions Between Ground Water and Paleozoic Strata, Gibson Dome Area, Southeastern Utah. Office of Nuclear Waste Isolation, Topical Report, rough draft.

Naccarato, R.M. May 28, 1985. Transmittal letter and comments developed by the state of Utah on the Draft Environmental Assessment prepared by the U. S. Dept. of Energy for the Paradox Basin, Appendices A, B, and C included.

Micro
NUS Corporation. June 1978. Plans for Environmental Surveys of Bedded Salt Formations and Overlying Areas of the Paradox Basin in Utah. Volume I, Y/OWI/SUB77/16540/4. 212 p.

Ohlen, H.R., and McIntyre, R.E. 1965. Stratigraphy and Tectonic Features of Paradox Basin, Four Corners Area. Bulletin of the American Association of Petroleum Geologists, vol. 49, no. 11, p. 2020-2040.

Roedder, Edwin. 1984. Final Report on a Study of Fluid Inclusions in Core from Gibson Dome No.1 Bore, Paradox Basin, Utah. U.S. Deparrtment of the Interior, U.S. Geological Survey, Open-File Report 84-696, 16 p.

Micro
Rush, F.E., Whitfield, M.S., and Hart, I.M. 1982. Regional Hydrology of the Green River-Moab Area, Northwestern Paradox Basin, Utah. U. S. Geological Survey, Open File Report 82-107. 86 p. plus appendices.

Rush, F.E., Whitfield, M.S., and Hart, I.M. December 1982. Regional Hydrology of the Green River-Moab Area, Northwestern Paradox Basin, Utah. U.S. Geological Survey Open File Report 82-107, 86 p. plus plates.

Sass, J.H., Lachenbruch, A.H., and Smith, E.P. 1983. Thermal Data from Well GD-1, Gibson Dome, Paradox Valley, Utah. U. S. Department of Interior, Geological Survey, Open File Report 83-476, 15 p.

Sumsion, C.T. and Bolke, E.L. 1972. Water Resources of Part of Canyonlands National Park, Southeastern Utah. Open-file Report 72-363, U.S. Geological Survey, 75 p.

U.S. Department of Energy. August 1979. Site-Specific Environmental Evaluation for Borehole Drilling, Gibson Dome, San Juan County, Utah, Boring Sites GD-1 and GD-2. DOE-RL-C-10.

U.S. Department of Energy. December 1984. Draft Environmental Assessment Lavender Canyon Site, Utah. Office of Civilian Radioactive Waste Management, DOE/RW-0009.

U.S. Department of Energy. December 1984. Draft Environmental Assessment Davis Canyon Site, Utah. Office of Civilian Radioactive Waste Management, DOE/RW-0010.

U.S. Geological Survey. 1966. Water from Bedrock in the Colorado Plateau of Utah. Utah State Engineer Technical Publication No. 15, Utah Oil and Gas Conservation Commission and U.S. Geological Survey, 81 p.

U.S. Nuclear Regulatory Commission. September 1984. Draft Issue-Oriented Site Technical Position (ISTP) for Salt

Repository Project (SRP) Permian Basin Sites.

Watts, R.D. 1982. Interpretation of Schlumberger DC Resistivity Data from Gibson Dome-Lockhart Basin Study Area, San Juan County, Utah. U. S. Geological Survey, Open File Report 82-704, 13 p.

Weir, J.E., Jr., Maxfield, E.B., and Hart, I.M. 1983. Reconnaissance of the Geohydrology of the Moab-Monticello Area, Western Paradox Basin, Grand and San Juan Counties, Utah. U.S. Geological Survey Water Resources Investigations Report 83-4098, 59 p.

Weir, J.E., Jr., Maxfield, E.B., and Zimmerman, E.A. 1983. Regional Hydrology of the Dolores River Basin, Eastern Paradox Basin, Colorado and Utah. U.S. Geological Survey Water Resources Investigations Report 83-4217, 53 p. plus plates.

Wengerd, S.A., and Strickland, J.W. 1954. Pennsylvanian Stratigraphy of Paradox Salt Basin, Four Corners Region, Colorado and Utah. Bulletin of the American Association of Petroleum Geologists, vol. 38, no. 10, p. 2157-2199.

Whitfield, M.S., Jr., Thordarson, W., Oatfield, W.J., Zimmerman, E.A., and Rueger, B.F. 1983. Regional Hydrology of the Blanding-Durango Area, Southern Paradox Basin, Utah and Colorado. U.S. Geological Survey Water Resources Investigations Report 83-4218, 88 p. plus plates.

Wollitz, L.E., Thordarson, W., Whitfield, M.S., Jr. and Weir, J.E. 1982. Results of Hydraulic Tests in U. S. Department of Energy's Wells DOE-4, -5, -6, -7, -8 and -9, Salt Valley, Grand County, Utah. U. S. Geological Survey, Open File Report 82-346, 71 p.

Micro
Woodward-Clyde Consultants. November, 1980. Draft Overview of the Regional Geology of the Paradox Basin Study Region. Office of Nuclear Waste Isolation, ONWI-92, Draft (81-09-1137). 165 p. plus appendices.

Woodward-Clyde Consultants. 1982. Elk Ridge #1 Borehole, Elk Ridge Study Area of the Paradox Basin Region, San Juan County, Utah. Office of Nuclear Waste Isolation, Technical Report ONWI-401. We have Volumes I, II and III of ONWI-401.

Woodward-Clyde Consultants. 1982. Geologic Characterization Report for the Paradox Basin Study Region, Utah Study Areas. Office of Nuclear Waste Isolation Document ONWI-290, Vol. I,

II, III, IV and V.

Micro
Woodward-Clyde Consultants. June 1982. Gibson Dome No. 1 Borehole, Gibson Dome Study Area of the Paradox Basin Region, San Juan County, Utah. Office of Nuclear Waste Isolation, ONWI-388. 1276 p.

Hard copy returned to NRC Oct., 1984
Woodward-Clyde Consultants. June 1982. Gibson Dome No. 1 Borehole, Gibson Dome Study Area of the Paradox Basin Region, San Juan County, Utah, Volume I, II, III, IV, V, & VI. Battelle Memorial Institute, Office of Nuclear Waste Isolation, ONWI-388, 105 p.

Woodward-Clyde Consultants. November 1982. In Situ and Laboratory Geotechnical Test results from Borehole GD-1 in Southeast Utah. Technical Report ONWI-400, Office of Nuclear Waste Isolation, Columbus, Ohio, 204 p.

Woodward-Clyde Consultants. March 1984. Results of Hydraulic Tests at Gibson Dome No. 1, Elk Ridge No. 1, and E. J. Kubat Boreholes, Paradox Basin, Utah. Technical Report ONWI-491, Office of Nuclear Waste Isolation, Columbus, Ohio, 99 p.

Woodward-Clyde Consultants. March 1984. Investigation of Potential Alternate Study Areas in the Paradox Basin Region, Utah. Technical Report ONWI-482, Office of Nuclear Waste Isolation, Columbus, Ohio, 66 p.

Woodward-Clyde Consultants. April 1984. Seismicity of the Paradox Basin and the Colorado Plateau Interior. Technical Report ONWI-492, Office of Nuclear Waste Isolation, Columbus, Ohio, 131 p.

Woodward-Clyde Consultants. December 1984. Geologic Characterization Report for the Paradox Basin Study Region Utah Study Areas, Volume VI Salt Valley. Office of Nuclear Waste Isolation, Technical Report, ONWI-290, 190 p.

Salt Domes

Micro

Anderson, R.E., Eargle, D.H., and Davis, B.O. 1973. Geological and Hydrologic Summary of Salt Domes in Gulf Coast Regions off Texas, Louisiana, Mississippi, and Alabama. U. S. Geological Survey, Open File Report-4339-2. 294 p. plus plates.

Becktel National Inc. 1980. Regional Environmental Characterization Report for the Gulf Interior Region and Surrounding Territory. Office of Nuclear Waste Isolation, Technical Report ONWI-67.

Bechtel National, Inc. January 1985. Threatened and Endangered Wildlife Survey: Vacherie Dome Area, Louisiana. Office of Nuclear Waste Isolation, Technical Report, BMI/ONWI-543, 49 p.

Micro and Paper

Bentley, C.B. 1983. Preliminary Report of the Geohydrology near Cypress Creek and Richton Salt Domes, Perry County, Mississippi. U. S. Geological Survey, Water Resource Investigation, WRI 83-4169, 45 p.

Bentley, C.B. 1983. Geohydrology Near Cypress Creek and Richton Domes, Mississippi. abstract in Journal of the Mississippi Academy of Science, vol. XXVIII, supplement, p.23.

Boswell, E.H., Cushing, E.M., Hosman, R.L., and Jeffery, H.G. 1968. Quaternary Aquifers in the Mississippi Embayment. U. S. Geological Survey, Professional Paper 448-E, 15 p. plus plates.

Department of Energy. June 1984. Statutory Environmental Assessment for Cyprus Creek Dome Site, Perry County, Mississippi. Webster and Bienville Parishes, Louisiana. Selected Chapters and Working Papers.

Department of Energy. June 1984. Statutory Environmental Assessment for Richton Dome Site, Perry County, Mississippi. Webster and Bienville Parishes, Louisiana. Selected Chapters and Working Papers.

Department of Energy. June 1984. Statutory Environmental Assessment for Vachery Dome Site. Webster and Bienville Parishes, Louisiana. Selected Chapters and Working Papers.

INTERA Environmental Consultants Inc. May 1984 (third draft).

Second Status Report on Regional and Local Ground-Water Flow Modeling for Richton and Cypress Creek Domes, Mississippi. Office of Nuclear Waste Isolation, Draft ONWI/E512-02900/TR-30, 410C-00G-08B, 122 p.

The Earth Technology Corporation. June 1984. High-Resolution Seismic Reflection Study Vacherie Dome. Office of Nuclear Waste Isolation, BMI/ONWI-520, 92 p.

The Earth Technology Corporation. October 1984. Near-Dome Geologic Findings--Richton Dome, Mississippi: Annual Status Report for FY 83. Office of Nuclear Waste Isolation, BMI/ONWI-555, 27 p.

The Earth Technology Corporation. August 1984. Comments on a Letter by George D. DeBuchananne (U.S. Geological Survey) Regarding the Use of Salt Domes for High-Level Waste Disposal. Office of Nuclear Waste Isolation, BMI/ONWI-511, 97 p.

Ertec, Inc. June 1983. Preliminary Overburden Characterization at Richton Dome. Office of Nuclear Waste Isolation, Technical Report ONWI-481, 66 p.

Ertec, Inc. August 1983. Midyear FY 83 Richton Dome Screening and Suitability Review. Office of Nuclear Waste Isolation, Technical Report ONWI-484, 103 p.

Ertec, Inc. November 1983. Regional Ground-Water Flow Near Richton Done, Mississippi: Annual Status Report for Fiscal Year 1982. Office of Nuclear Waste Isolation, Technical Report, ONWI-456, 147 p.

Ertec, Inc. March 1984. Potentiometric-Level Monitoring Program-Mississippi and Louisiana: Annual Status Report for Fiscal Year 1983. Technical Report BMI/ONWI-525, Office of Nuclear Waste Isolation, 29 p.

Micro
Gandl, L.A. and Spiers, C.A. 1980. Results of Water Quality Sampling near Richton, Cyprus Creek and Lampton Salt Domes, Mississippi. U. S. Geological Survey, Open File Report 80-443. 18 p.

Grzegorz, Kortas and Wilk, Jan. Sept. 1985. Surface Protection Problem in Conditions of Water Hazard in Diapir Salt Mines. R. Fernandez-Rubio ed., in Proceedings of the Second International Congress of the International Mine Water Association, Granada, Spain, pp. 709-722.

Hosman, R.L. 1978. Geohydrology of the Northern Louisiana Salt Dome Basin Pertinent to the Storage of Radioactive Wastes: A Progress Report. U. S. Geological Survey, Water Resources Investigations 78-104, 27 p.

Hosman, R.L., Long, A.T., Lambert, T.W., and Jeffery, H.G. 1968. Tertiary Aquifers in the Mississippi Embayment. U. S. Geological Survey Professional Paper 448-D, 29 p. plus plates.

Iannacchione, A.T., Grau, R.H. III, Sainato, A., Kohler, T.M., and Schatzel, S.J. 1984. Assessment of Methane Hazards in an Anomalous Zone of a Gulf Coast Salt Dome. U. S. Bureau of Mines, Report of Investigations 8861, 26 p.

Institute of Environmental Studies, Louisiana State University. September 1983. Topical Reports on Louisiana Salt Domes. Office of Nuclear Waste Isolation, Technical Report ONWI-417, 132 p.

INTERA Environmental Consultants, Inc. March 1984. First Status Report on Regional and Local Ground-Water Flow Modeling for Richton Dome, Mississippi. Technical Report ONWI-502, Office of Nuclear Waste Isolation, Columbus, Ohio, 162 p.

Jackson, M.P.A. and Talbot, C.J., March 1986, External Shapes, Strain Rates, and Dynamics of Salt Structures. Geological Society of Americal Bulletin, vol. 97, p. 305-323.

Micro
Jacoby, C.H. July 1977. Geology - Hydrology of Avery Island Salt Dome. Y/OWI/SUB-77/16253/1. 79 p.

Karably, L.S., Jr., Jernigan, E.L., Petry, I.C. and Sullivan, J.M. 1983. Salt, Cap Rock and Sheath Study. Office of Nuclear Waste Isolation, Technical Report ONWI-355, 154 p.

Micro
Kehle, R. 1980. Identifying Suitable "Piercement" Salt Domes for Nuclear Waste Storage Sites. Pacific Northwest Laboratory Publication PNL-2864. 30 p.

Kelsall, P.C., Case, J.B., Meyer, D., Franzone, J.G., and Coons, W.E. December 1985. Schematic Designs for Penetration Seals for a Repository in Richton Dome. IT Corporation for Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, BMI/ONWI-562, 182 p.

Micro
Law Engineering Inc. 1979(?). Well No. MCCH-3A, MCCH-3B, MCCH-

3C, MCCH-3D, MCCH-3WS. (Reproductions of Geophysical Logs on Wells), Report No. 82-06-0697, vol. 172.

Micro
Law Engineering Testing Company. 1979(?). Well No. MRIG-9, MRIG-9WS. (Reproductions of Geophysical Logs on Wells), Report No. 82-06-0697, vol. 178.

Micro
Law Engineering Testing Co. 1981. Geologic Evaluation of Gulf Coast Salt Domes: Overall Assessment of the Gulf Interior Region. Office of Nuclear Waste Isolation, Technical Report ONWI-106. 162 p.

Law Engineering Testing Company. July 1982. Gulf Coast Salt Domes Geologic Area Characterization Report Introduction, Volume I. Technical Report. Office of Nuclear Waste Isolation, ONWI-117.

Law Engineering Testing Company. July 1982. Gulf Coast Salt Domes Geologic Area Characterization Report East Texas Study Area, Volume II. Technical Report. Office of Nuclear Waste Isolation, ONWI-118.

Law Engineering Testing Company. July 1982. Gulf Coast Salt Domes Geologic Area Characterization Report East Texas Study Area, Volume III. Appendix. Office of Nuclear Waste Isolation. ONWI-118.

Law Engineering Testing Company. July 1982. Gulf Coast Salt Domes Geologic Area Characterization Report North Louisiana Study Area, Volume IV. Technical Report. Office of Nuclear Waste Isolation, ONWI-119.

Law Engineering Testing Company. July 1982. Gulf Coast Salt Domes Geologic Area Characterization Report North Louisiana Study Area, Volume V. Appendix. Office of Nuclear Waste Isolatiion, ONWI-119.

Law Engineering Testing Company. July 1982. Gulf Coast Salt Domes Geologic Area Characterization Report Mississippi Study Area, Volume VI. Technical Report. Office of Nuclear Waste Isolation, ONWI-120.

Law Engineering Testing Company. July 1982. Gulf Coast Salt Domes Geologic Area Characterizatioon Report Mississippi Study Area, Volume VII. Appendix. Office of Nuclear Waste Isolation, ONWI-120.

Law Engineering Testing Company. August 1982. Gulf Coast Salt

Domes Well Completion Report: Site MCCG-2. Office of Nuclear Waste Isolation, ONWI-171.

Law Engineering Testing Company. August 1982. Gulf Coast Salt Domes Well Completion Report: Site MCCH-3. Office of Nuclear Waste Isolation, ONWI-172.

Law Engineering Testing Company. August 1982. Gulf Coast Salt Domes Well Completion Report: Site MH-4. Office of Nuclear Waste Isolation, ONWI-173.

Law Engineering Testing Company. August 1982. Gulf Coast Salt Domes Well Completion Report: Site MH-5. Office of Nuclear Waste Isolation, ONWI-174.

Law Engineering Testing Company. August 1982. Gulf Coast Salt Domes Well Completion Report: Site MH-6. Office of Nuclear Waste Isolation, ONWI-175.

Micro
Law Engineering Testing Company. August 1982. Gulf Coast Salt Domes Well Completion Report: Site MH-7. Office of Nuclear Waste Isolation, ONWI-176 (text plus copies of geophysical logs).

Law Engineering Testing Company. August 1982. Gulf Coast Salt Domes Well Compeltion Report: Site MH-8. Office of Nuclear Waste Isolation, ONWI-177.

Law Engineering Testing Company. August 1982. Gulf Coast Salt Domes Well Completion Report: Site MRIG-10. Office of Nuclear Waste Isolation, ONWI-179.

Law Engineering Testing Company. August 1982. Gulf Coast Salt Domes Well Completion Report: Site MRIH-11. Office of Nuclear Waste Isolation, ONWI-180.

Law Engineering Testing Company. August 1982. Gulf Coast Salt Domes Well Completion Report: Site LH-2. Office of Nuclear Waste Isolation, ONWI-181.

Law Engineering Testing Company. August 1982. Gulf Coast Salt Domes Well Completion Report: Site LVH-6. Office of Nuclear Waste Isolation, ONWI-182.

Law Engineering Testing Company. August 1982. Gulf Coast Salt Domes Well Completion Report: Site LH-7. Office of Nuclear Waste Isolation, ONWI-183.

Law Engineering Testing Company. August 1982. Gulf Coast Salt

Domes Well Completion Report: Site LRH-13. Office of Nuclear Waste Isolation, ONWI-184.

Law Engineering Testing Company. August 1982. Gulf Coast Salt Domes Well Completion Report: Site LH-17. Office of Nuclear Waste Isolation, ONWI-185.

Law Engineering Testing Company. June 1983. Geothermal Studies of Seven Interior Salt Domes. Office of Nuclear Waste Isolation, Technical Report ONWI-289, 46 p.

Martinez, J.D., Thoms, R.L., Kolb, C.R., Kumar, M.B., Wilcox, R.E., and Newchurch, E.J. December 1978. An Investigation of the Utility of Gulf Coast Salt Domes for the Storage or Disposal of Radioactive Wastes. Volume 1, Institute of Environmental Studies, Louisiana State University, Baton Rouge, Louisiana, EW-78-C-05-5941/53, prepared for Department of Energy and Office of Nuclear Waste Isolation.

Martinez, J.D., Thoms, R.L., Kolb, C.R., Kumar, M.B., Wilcox, R.E., and Newchurch, E.J. December 1978. An Investigation of the Utility of Gulf Coast Salt Domes for the Storage or Disposal of Radioactive Wastes. Volume 2, Institute of Environmental Studies, Louisiana State University, Baton Rouge, Louisiana, EW-78-C-05-5941/53, prepared for Department of Energy and Office of Nuclear Waste Isolation.

Micro
Martinez, J.D., Kupfer, D.H., Thoms, R.L., Smith, C.G., and Kolb, C.R. June 1975. An Investigation of the Utility of Gulf Coast Salt Domes for the Storage or Disposal of Radioactive Wastes. Institute for Environmental Studies, Baton Rouge, Louisiana, ORNL-SUB-4112-10, 204 p.

Micro
Martinez, J.D., Thoms, R.L., Kolb, C.R., Kumar, M.B., Wilcox, R.E., and Newchurch, E.J. December 1979. An Investigation of the Utility of Gulf Coast Salt Domes for the Storage or Disposal of Radioactive Wastes. Institute for Environmental Studies, Baton Rouge, Louisiana, E511-02500-A-1, 572 p.

Martinez, J.D., Thoms, R.L., Kolb, C.R., Kumar, M.B., Wilcox, R.E., Newchurch, E.J. December 31, 1979. An Investigation of the Utility of Gulf Coast Salt Domes for the Storage or Disposal of Radioactive Wastes. Institute for Environmental Studies, Louisiana State University, Baton Rouge, Louisiana, E511-02500-A-1, 572 p.

Micro
Martinez, J.D., Thoms, R.L., Smith, C.G. Jr., Kolb, C.R.,

Newchurch, E.J., and Wilcox, R.E. September 1977. An Investigation of the Utility of Gulf Coast Salt Domes for the Storage or Disposal of Radioactive Wastes. Louisiana State University. Y/OWI/SUB-4112/37. 435 p. plus appendices.

Michalski, A., 1985, Draft technical Memorandum--Anomalous Features. Ertec, Inc., 29 p.

Murray, G.E. June, 1983. Evaluation of Potential Mineral Resources in the Vicinity of Seven Selected Domes in Texas, Louisiana, and Mississippi. Office of Nuclear Waste Isolation (ONWI), Technical Report ONWI-169, 92 p.

Netherland, Sewell & Associates, Inc. May 1976. Geologic Study of the Interior Salt Domes of Northeast Texas Salt-Dome Basin to Investigate Their Suitability for Possible Storage of Radioactive Waste Material. Office of Waste Isolation, Y/OWI/SUB-76/99939.

Office of Nuclear Waste Isolation. October 1983. Appendix C. Responses to Mississippi Comments on the Site Characterization Plan for the Gulf Coast Salt Domes (ONWI-293) and Appendix D. Letters Used As References.

Payne, J.N. 1968. Hydrologic Significance of the Lithofacies of the Sparta Sand in Arkansas Louisiana, Mississippi and Texas. U. S. Geological Survey Professional Paper 569-A, 17 p. plus plates.

Rollo, J.R. August 1960. Ground Water in Louisiana. Dept. of Conservation Louisiana Geological Survey and Louisiana Dept. of Public Works, Water Resources Bulletin No. 1, 84 p. plus plates.

Ryals, G.N. 1982. Regional Geohydrology of the Northern Louisiana Salt-Dome Basin, Part 1, Conceptual Model and Data Needs. U. S. Geological Survey, Open File Report 82-343, 23 p.

Micro
Ryals, G.N. and Hosman, R.L. 1980. Selected Hydrologic Data from the Vicinity of Rayburns and Vacherie Salt Domes, Northern Louisiana Salt Dome Basin. U. S. Geological Survey, Open File Report 80-217. 19 p.

Simcox, A.C., and Wampler, S.L. August 1982. Borehole Locations on Seven Interior Salt Domes. Office of Nuclear Waste Isolation, Technical Report ONWI-280, 102 p.

Slaughter, G.M., White, R.M. and Alger, R.P. 1983. Permeability of Selected Sediments in the Vicinity of Five Salt Domes in the Gulf Interior Region. Office of Waste Isolation, Technical Report ONWI-356, 71 p.

Spiers, C.A. and Gandl, L.A. 1980. A Preliminary Report of the Geohydrology of the Mississippi Salt-Dome Basin. U. S. Geological Survey, Water-Resources Investigations, Open-File Report 80-595, 45 p.

Micro
Stearns-Roger Service Inc. 1981. Engineering Feasibility Studies for Candidate Salt Domes, National Waste Terminal Storage Repository No.1, Special Study No. 5. Office of Nuclear Waste Isolation. Technical Report ONWI-283.

U.S. Department of Energy. December 1984. Draft Environmental Assessment Cypress Creek Dome Site, Mississippi.. Office of Civilian Radioactive Waste Management, DOE/RW-0011.

U.S. Department of Energy. December 1984. Draft Environmental Assessment Richton Dome Site, Mississippi. Office of Civilian Radioactive Waste Management, DOE/RW-0013.

U.S. Department of Energy. December 1984. Draft Environmental Assessment Vacherie Dome Site, Louisiana. Office of Civilian Radioactive Waste Management, DOE/RW-0016.

U.S. Nuclear Regulatory Commission. September 1984. Draft Issue-Oriented Site Technical Position (ISTP) for Salt Repository Project (SRP) Gulf Coast Salt Dome Sites.

Generic

Anderson, J., Shapiro, A.M., and Bear, J. 1984. A Stochastic Model of a Fractured Rock Conditioned by Measured Information. Water Resources Research, vol. 20, no. 1, pp. 79-88.

Aufricht, W.R., and Howard, K.C. August 1961. Salt Characteristics As They Affect Storage of Hydrocarbons. Journal of Petroleum Technology, p. 733-738.

Balon, Jo Ellen. March 1986. ERG Review of Salt Constitutive Law, Salt Stress Determinations, and Salt Corrosion and Modeling Studies. Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, Technical Report BMI/ONWI-592, 29 p.

Battelle Memorial Institute. 1983. Technical Progress Report for the Quarter 1 July--30 September, 1983. Office of Nuclear Waste Isolation, ONWI-9(83-4), 77 p.

Bear, J. 1961. On the Tensor Form of Dispersion in Porous Media. Journal of Geophysical Research, vol. 66, no. 4, pp. 1185-1197.

Black, J.H., Holmes, D.C., Alexander, J., and Brightman. 1985. The Role of Low-Permeability Rocks in Regional Flow Systems:-The Harwell Area Study. in Memoires, vol. XVII, part 1 proceedings, Hydrogeology of Rocks of Low Permeability, International Assoc. of Hydrogeologists, p. 107-117.

Blankenship, D.A. and Stickney, R.G. April 1983. Nitrogen Gas Permeability Tests at Avery Island. Office of Nuclear Waste Isolation, Technical Report ONWI-190 (3), 29 p.

Blesch, C.J., Kulacki, F.A. and Christensen, R.N. October 1983. Application of Integral Methods to Prediction of Heat Transfer from a Nuclear Waste Repository. Office of Nuclear Waste Isolation (ONWI), Technical Report ONWI-495, 108 p.

Brace, W.F. 1980. Permeability of Crystalline and Argillaceous Rocks. International Journal of Rock Mechanics and Mineral Science & Geomechanics, vol. 17, p. 241-251.

Bredehoeft, J.D. and Hanshaw, B.B. September 1968. On the Maintenance of Anomalous Fluid Pressures: I. Thick Sedimentay Sequences. Geological Society of America Bulletin, vol. 79, p. 1097-1106.

Bull, C. 1980. Glacialogical Parameters of Disruptive Event Analysis. Pacific Northwest Laboratory Publication PNL-2863, 32 p.

Callahan, G.D. 1981. Inelastic Thermal Mechanical Analysis of a Generic Bedded Salt Repository. Office of Nuclear Waste Isolation, Technical Report ONWI-125, 165 p.

Carter, N.L. June 1983. Creep and Creep Rupture of Rock Salt. Office of Nuclear Waste Isolation, Technical Report ONWI-224, 76 p.

Chang, Wallace. January 1986. Evaluation of Regulatory Guides Potentially Useful to Geologic Repository Development. Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, Technical Report BMI/ONWI-588, 229 p.

Chaturvedi, Lokesh. March 1984. Occurrence of Gases in the Salado Formation. Environmental Evaluation Group, Environmental Improvement Division, Health and Environment Department, State of New Mexico, EEG-25, 67 p.

Chaturvedi, Lokesh, and Rehfeldt, Kenneth. July 31,1984. Groundwater Occurrence and the Dissolution of Salt at the WIPP Radioactive Waste Repository Site. EOS, American Geophysical Union, Vol. 65, No. 31, 2000 Florida Avenue NW, Washington, D.C.

Clifton, P.M, Sagar, B., and Baca, R.G. 1985. Stochastic Groundwater Traveltime Modeling Using a Monte Carlo Technique. in Memoires, vol. XVII, part 1 proceedings, Hydrogeology of Rocks of Low Permeability, International Assoc. of Hydrogeologists, p. 319-331.

Micro
Cole, C.R. and Bond, F.W. 1980. Summary of Four Release Consequence Analyses for Hypothetical Nuclear Waste Repositories in Salt and Granite. Pacific Northwest Laboratory Publication PNL-3548. 126 p.

Micro
Cook, C.W., Kinabrew, C.B., Lagus, P.L., and Broce, R.D. 1980. Bell Canyon Test (BCT) Instrumentation Development. Sandia National Laboratory, Publication SAND-80-0408C. 31 p.

Coyle, A.J. and Kalia, H.N. May 1985. Quarterly Brine Migration Data Report, January-March 1984: Nuclear Waste Repository Simulation Experiments (Brine Migration), Asse Mine of the Federal Republic of Germany. Office of Nuclear Waste

Isolation, Technical Report, BMI/ONWI-576, 257 p.

Dagan, G. 1979. Models of Groundwater Flow in Statistically Homogeneous Porous Formations. Water Resources Research, vol. 15, No. 1, pp. 47-63.

Dames and Moore. April 1978. Technical Support for GEIS: Radioactive Waste Isolation in Geologic Formations. Office of Waste Isolation, Y/OWI/TM-36/4.

D'Appolonia Consulting Engineers. December 1981. Sealing Considerations for Repository Shafts in Bedded and Dome Salt. Office of Nuclear Waste Isolation, Technical Report ONWI-255, 144 p.

Delhomme, J.P. 1979. Spatial Variability and Uncertainty in Groundwater Flow Parameters: A Geostatistical Approach. Water Resources Research, vol. 15, no. 2, pp. 269-280.

Dennehy, K.F. and Mercer, J.W. February 1982. Results of Hydrologic Tests and Water-Chemistry Analyses, Wells H-5A, H-5B, and H-5C, at the Proposed Waste Isolation Pilot Plant Site, Southeastern New Mexico. U. S. Geological Survey, Water-Resources Investigation 82-19, 83 p.

Micro
Devarg, J.L. and Doctor, P.G. 1981. Geostatistical Modeling of Pore Velocity. Pacific Northwest Laboratory Publication PNL-3789. 32 p.

Dippold, D.G. and Wampler, J.A. December 1984. Spent Fuel Burnup and Age: Implications for the Design and Cost of a Waste Disposal System. Office of Nuclear Waste Isolation, BMI/ONWI-561, 97 p.

Doctor, P.G., Oberlander, P.L., Rice, W.A., Devary, J.L., Nelson, R.W., and Tucker, P.E. 1982. A Technology Demonstration: Geostatistical and Hydrologic Analysis of Salt Areas. Pacific Northwest Laboratories, Richland, Washington, PNL-4129.

Doe, T.W. and Schwartz, W.J. editors. March 1981. Well Testing in Low Permeability Environments, in Third Invitational Well-Testing Symposium, Lawrence Berkeley Laboratory, LBL-12076, UC-70, CONF-800344, March 26-28, 1980, 170 p.

Elders, W.A., and Cohen, L.H. November 1983. The Salton Sea Geothermal Field, California, as a Near-Field Natural Analog of a Radioactive Waste Repository in Salt. Office of Nuclear Waste Isolation, Technical Report BMI/ONWI-513, 146

p.

Ewing, R.I. 1981. Test of a Radiant Heater in the Avery Island Salt Mine. Sandia National Laboratories Report SAND81-1305, 31 p.

Forster, C.B. and Gale, J.E. March 26-28, 1980. Injection Versus Pressure Pulse Borehole Tests in Fractured Crystalline Rocks - Observations and Recent Experiences. in Third Invitational Well-Testing Symposium "Well Testing in Low Permeability Environments", published March 1981, Lawrence Berkeley Laboratory, University of California, pp. 74-83.

Forster, C.B. and Gale, J.E. June 1981. A Field Assessment of the Use of Borehole Pressure Transients to Measure the Permeability of Fractured Rock Masses. Lawrence Berkeley Laboratory, Earth Sciences Division, University of California, Berkeley, California, LBL-11829, 138 p.

Fossum, A.F. December 1983. Room Stability in Salt Repositories. Office of Nuclear Waste Isolation, ONWI-315, 45 p.

Freeze, R.A. 1975. A Stochastic-Conceptual Analysis of One-Dimensional Groundwater Flow in Nonuniform Homogeneous Media. Water Resources Research, vol. 11, no. 5, pp. 725-741.

Geotechnical Engineers Inc. 1978. Uncertainties in the Detection, Measurement, and Analysis of Selected Features Pertinent to Deep Geologic Repositories. Final Report submitted to Lawrence Livermore Laboratory, Livermore, California, 96 p.

Gies, R.M. June 1982. Origin, Migration,, and Entrapment of Natural Gas in the Alberta Deep Basin: Part II. Paper presented at 67th Annual Meeting of AAPG, Calgary, Alberta, June 27 to 29, 1982, Canadian Hunter Exploration Ltd., Calgary, Alberta, 18 p.

Gillham, R.W. and Farvolden, R.N. June 1974. Sensitivity Analysis of Input Parameters in Numerical Modeling of Steady State Regional Groundwater Flow. Water Resources Research, vol. 10, no. 3, p. 529-538.

Gloyna, E.F. and Reynolds, T.D. November 1961. Permeability Measurements of Rock Salt. Journal of Geophysical Research, Volume 66, No. 11, pp. 3913-3921.

Gnirk, P.F., Krause, W.B., and Fossum, A.F. September 1981. State-of-the-Art Review of Brine Migration Studies in Salt.

Sandia National Laboratory, SAND81-7054. 52 p.

Golder Associates. March 1983. In Situ Test Programs Related to Design and Construction of High-Level Nuclear Waste (HLW) Deep Geologic Repositories. NUREG/CR-3065, vol. 1 (main report, 192 p.) and vol. 2 (appendices).

Grutzeck, M.W. and Roy, D.M. May 1985. Experimental Characterization and Stability of Salt- and Nonsalt-Containing Grouts and Mortars (BCT-1F and BCT-1FF-Related). Office of Nuclear Waste Isolation, Technical Report, BMI/ONWI-568, 96 p.

Gulf Interstate Engineering Company. November 1977. National Strategic Oil Storage Program, Weeks Island Mine. RE/SPEC INC. Rapid City, SD, Acres American Inc. Buffalo, NY, vol. 1 of 2, 61 plus p.

Gupta, S.K., Cole, C.R., Bond, F.W., and Monti, A.M. October 1984. Finite-Element Three-Dimensional Ground-Water (FE3DGW) Flow Model: Formulation, Computer Source Listings, and User's Manual. Office of Nuclear Waste Isolation, Technical Report, BMI/ONWI-548, 336 p.

Gupta, S.K., Monti, A.M., and Steinborn, T.L. April 1985. Salt Dissolution Assessment at Seven Potential Nuclear Waste Repository Locations in Salt. Office of Nuclear Waste Isolation, Technical Report, BMI/ONWI-567, 91 p.

Handin, J., Russel, J.E., Carter, N.L. September 1984. Transient Creep of Repository Rocks, Final Report: Mechanistic Creep Laws for Rock Salt. Office of Nuclear Waste Isolation, BMI/ONWI-550, 161 p.

Hansen, F.D. January 1985. Deformation Mechanisms of Experimentally Deformed Salina Basin Bedded Salt. Office of Nuclear Waste Isolation, Technical Report, BMI/ONWI-552, 61 p.

Hanshaw, B.B. and Bredehoeft, J.D. September 1968. On the Maintenance of Anomalous Fluid Pressures: II. Source Layer at Depth. Geological Society of America Bulletin, vol. 79, p. 1107-1122.

Hantush, M.S. 1964. Drawdown Around Wells of Variable Discharge. Journal of Geophysical Research, vol. 69, no. 20, p. 4221-4235.

Human Interference Task Force. May 1984. Reducing the Likelihood of Future Human Activities That Could Affect

Geologic High-Level Waste Repositories. Office of Nuclear Waste Isolation, Technical Report BMI/ONWI-537, 129 p.

Hyder, L.K. Fore, C.S. Faughan N.D. and Faust, R.A. 1980. A Selected, Annotated Bibliography of Studies Relevant to the Isolation of Nuclear Wastes, Vol. I. Oak Ridge National Laboratory Publication ORNL/EIS-156/V1, 450 p.

INTERA Environmental Consultants, Inc. April 1983. SWENT: A Three-Dimensional Finite-Difference Code for the Simulation of Fluid, Energy, and Solute Radionuclide Transport. Technical Report ONWI-457, Office of Nuclear Waste Isolation, Columbus, Ohio, 586 p.

INTERA Technologies, Inc. October 1984. BORHOL: A Computer Code to Evaluate Dissolution, Precipitation, Creep, and Temperature Effects in Boreholes in Salt. Office of Nuclear Waste Isolation, Technical Report, BMI/ONWI-547, 138 p.

International Engineering Company, Inc. December 1979. Nuclear Waste Management Program Siting Criteria: Review of Geotechnical Measurement Techniques for a Nuclear Waste Repository in Bedded Salt. University of California, Lawrence Livermore Laboratory.

IT Corporation. November 1984. Assessment of Crushed Salt Consolidation and Fracture Healing Processes in a Nuclear Waste Repository in Salt. Office of Nuclear Waste Isolation, Technical Report, BMI/ONWI-546, 110 p.

Jansen, George, Jr., and Hewitt, William. January 1986. Foreign Trip Report: International Nuclide Transport Code Intercomparison Study (INTRACOIN) Workshop and Coordinating Committee Meeting (February 15-20, 1982, Interlaken, Switzerland). Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, BMI/ONWI-586, 121 p.

Micro
Jenks, G.H. and Claiborne, H.C. 1981. Brine Migration in Salt and Its Implications in Geologic Disposal of Nuclear Wastes. Oak Ridge National Laboratory Report ORNL-5818. 164 p.

Kaiser Engineers. December 1978. A National Waste Terminal Storage Repository in a Bedded Salt Formation for Spent Unreprocessed Fuel: Basis of Design Document, Conceptual Design Decisions. Department of Energy, Oak Ridge Operations Office, Contract No. EY-77-C-05-5366.

Kaiser Engineers. December 1978. A National Waste Terminal Storage Repository in a Bedded Salt Formation for Spent

Unreprocessed Fuel: Conceptual Design Description. U. S. Department of Energy, Oak Ridge Operations Office, Contract No. EY-77-C-05-5366.

Kaiser Engineers. December 1978. A National Waste Terminal Storage Repository in a Bedded Salt Formation for Spent Unreprocessed Fuel: Volume I. Conceptual Design Report. U. S. Department of Energy, Oak Ridge Operations Office, Contract No. EY-77-C-05-5366.

Kalia, H.N. March 1986. ERG and GRG Review of the Draft of "Preliminary Test Plan for in Situ Testing from an Exploratory Shaft in Salt -- October 1983." Office of Nuclear Waste Isolation, Battelle Memorial Institute, Technical Report BMI/ONWI-591, 34 p.

Micro
Knapp, R.M. and Podio, A.L. May 1979. Investigation of Salt Transport in Vertical Boreholes and Brine Invasion into Freshwater Aquifers. ONWI-77. 80 p.

Konikow, L.F. 1984. Predictive Accuracy of Ground-Water Models - Lessons from a Postaudit. Geological Society of America, Reno, Nevada, abstract #51257.

Kupfer, D. H. 1980. Problems Associated with Anomalous Zones in Louisiana Salt Stocks. Fifth International Symposium on Salt, vol. 1, A. H. Coogan and L. Hauber, eds., The Northern Ohio Geological Society, Cleveland, Ohio, pp. 119-134.

Lai, Chia-shing. 1971. Fluid Flow Through Rock Salt Under Various Stress States. Michigan State University, Ph. D., Engineering, 128 p.

Lanstrom, O., Klockars, C.E., Holmberg, K.E., and Westerberg, S. July 1978. In Situ Experiments on Nuclide Migration in Fractured Crystalline Rocks. Studsvik Energiteknik and The Geological Survey of Sweden, Teknisk Rapport 110, 25 p.

Linder, E.N., St. John, C.M., and Hart, R.D. February 1984. A User's Manual and Guide to SALT3 and SALT4: Two-Dimensional Computer Codes for Analysis of Test-Scale Underground Excavations for the Disposal of Radioactive Waste in Bedded Salt Deposits. Technical Report ONWI-145, Office of Nuclear Waste Isolation, Columbus, Ohio, 167 p.

Lingle, R., Stanford, K.L., Peterson, P.E. and Woodhead, S.F. 1982. Wellbore Damage Zone Experimental Determination. Office of Nuclear Waste Isolation, Technical Report ONWI-349.

Loken, Marc C. April 1983. A Priori Numerical Predictions of Various In Situ Accelerated Borehole Closure Experiments. Office of Nuclear Waste Isolation, Technical Report ONWI-237, 39 p.

Long, J.C.S., Endo, H.K., Karasaki, K., Pyrak, L., Maclean, P., and Witherspoon, P.A. 1985. Hydrologic Behavior of Fracture Networks. in Memoires, vol. XVII, part 2 proceedings, Hydrogeology of Rocks of Low Permeability, International Assoc. of Hydrogeologists, p. 449-462.

Maloszewski, P. and Zuber, A. 1985. On the Theory of Tracer Experiments in Fissured Rocks with a Porous Matrix. Journal of Hydrology, vol. 79, no. 3, pp. 333-358.

Marsily, G. de. 1985. Flow and Transport in Fractured Rocks: Connectivity and Scale Effect. in Memoires, vol. XVII, part 1 proceedings, Hydrogeology of Rocks of Low Permeability, International Assoc. of Hydrogeologists, p. 267-277.

Mazor, E., Vuataz, F.D., and Jaffe, F.C. 1985. Tracing Groundwater Components by Chemical, Isotopic and Physical Parameters - Example: Schinznach, Switzerland. Journal of Hydrology, no. 76, p. 233-246.

Mizell, S.A., Gutjahr, A.L., and Gelhar, L.W. 1982. Stochastic Analysis of Spatial Variability in Two-Dimensional Steady Groundwater Flow Assuming Stationary and Nonstationary Heads. Water Resources Research, vol. 18, no. 4, pp. 1053-1067.

Moench, A.F. 1985. Reply to comment by Williams. Water Resources Research, vol. 21, no. 6, p. 893-894.

Moench, A.F. and Hsieh, P.A. 1985. Analysis of Slug Test Data in a Well with Finite Thickness Skin. in Memoires, vol. XVII, part 1 proceedings, Hydrogeology of Rocks of Low Permeability, International Assoc. of Hydrogeologists, p. 17-29.

Morrow, C.A., Shi, L.Q., and Byerlee, J.D. 1984. Permeability of Fault Gouge Under Confining Pressure and Shear Stress. Journal of Geophysical Research, vol. 89, no. B5, pp. 3193-3200.

Narasimhan, T.N., Kanehiro, B.Y., and Witherspoon, P.A. 1984. Interpretation of Earth Tide Response of Three Deep, Confined Aquifers. Journal of Geophysical Research, vol. 89, no. B3, pp. 1913-1924.

Nelson, R.W. 1981. Use of Geohydrologic Response Functions in the Assessment of Deep Nuclear Waste Repositories. Pacific Northwest Laboratory Report PNL-3817, 41 p.

Neuman, S.P. 1982. Statistical Characterization of Aquifer Heterogeneities: An Overview. Geological Society of America, Special Paper 189, pp. 81-102.

Neuman, S.P., Simpson, E.S., Hsieh, P.A., Jones, J.W., and Winter, C.L. 1985. Statistical Analysis of Hydraulic Test Data from Fractured Crystalline Rock near Oracle, Arizona. in Memoires, vol. XVII, part 1 proceedings, Hydrogeology of Rocks of Low Permeability, International Assoc. of Hydrogeologists, p. 289-300.

Neuzil, C.E. 1985. Comment on "Possible Effects of Erosional Changes of the Topographic Relief on Pore Pressures at Depth" by J. Toth and R. F. Millar. Water Resources Research, vol. 21, no. 6, p. 895-898.

Neuzil, C.E. and Pollock, D.W. March 1983. Erosional Unloading and Fluid Pressures in Hydraulically "Tight" Rocks. Journal of Geology, vol. 91, no. 2, p. 179-193.

Micro
NUS Corporation. September 1978. Appendix A. Comments on Plans for Environmental Surveys of Salt Formations and Overlying Areas in Louisiana, Mississippi, New York, Ohio, Texas, and Utah. Volume 1, Y/OWI/SUB-77/16540/8.

NUS Corporation. August 1984. Bibliography: Salt Impacts on Vegetation and Soils. Office of Nuclear Waste Isolation, BMI/ONWI-544, 78 p.

Office of Nuclear Waste Isolation. 1983. Technical Progress Report for the Quarter 1 April-30 June, 1983. ONWI-9(83-3), 77 p.

Office of Nuclear Waste Isolation. August 1984. Preclosure Radiological Calculations to Support Salt Site Evaluations. BMI/ONWI-541, 149 p.

Office of Nuclear Waste Isolation. August 1984. Performance Assessment Plans and Methods for the Salt Repository Project. BMI/ONWI-545, 348 p.

Office of Nuclear Waste Isolation. August 1984. Salt Repository Project FY 84 Technical Project Plan. ONWI-19 (FY 84), 79 p.

Office of Nuclear Waste Isolation. 1984. Salt Repository Project Technical Progress Report for the Quarter 1 January-31 March, 1984. ONWI-9(84-2), 83 p.

Office of Nuclear Waste Isolation. 1984. Salt Repository Project Technical Progress Report for the Quarter 1 April-30 June, 1984. ONWI-9(84-3), 85 p.

Office of Nuclear Waste Isolation. 1984. Salt Repository Project Technical Progress Report for the Quarter 1 July-30 September, 1984. ONWI-9(84-4), 91 p.

Office of Nuclear Waste Isolation. February 1985. ERG Review of Salt Repository Sealing System. Technical Report, Technical Report, BMI/ONWI-542, 26 p.

Office of Nuclear Waste Isolation. 1985. Salt Repository Project Technical Progress Report for the Quarter 1 October-31 December, 1984. Prepared for U. S. Department of Energy, DOE/CH/10140-3(85-1), 101 p.

Office of Nuclear Waste Isolation. 1985. Bibliography of Studies for the Salt Repository Project Office of the Civilian Radioactive Waste Management Program, April 1978 -- July 1985. Prepared for the U.S. Department of Energy, Salt Repository Project Office, Columbus, Ohio, DOE/CH10140-5(85), 247 p.

Office of Nuclear Waste Isolation. 1985. Salt Repository Project Technical Progress Report for the Quarter 1 January -- 31 March, 1985. Prepared for the U.S. Department of Energy, Salt Repository Project Office, Columbus, Ohio, DOE/CH/10140-03(85-2), 99 p.

Office of Nuclear Waste Isolation. 1985. Salt Repository Project Technical Progress Report for the Quarter 1 April -- 30 June, 1985. Prepared for the U.S. Department of Energy, Salt Repository Project Office, Columbus, Ohio, DOE/CH/10140-03(85-3), 107 p.

Olander, D.R. August 1984. A Study of Thermal-Gradient-Induced Migration of Brine Inclusions in Salt: Final Report. Office of Nuclear Waste Isolation, Technical Report, BMI/ONWI-538, 135 p.

Micro
Olander, D.R., Machiels, A.J., and Yagnik, S. 1980. Thermal Gradient Migration of Brine Inclusions in Salt. University of California. Office of Nuclear Waste Isolation. Technical Report ONWI-208. 81 p.

Pfeifle, T.W., Mellegard, K.D., and Senseny, P.E. July 1983. Preliminary Constitutive Properties for Salt and Nonsalt Rocks From Four Potential Repository Sites. Office of Nuclear Waste Isolation, Technical Report ONWI-450, 230 p.

Reisenauer, A.E. 1979. Variable Thickness Transient Ground Water Flow Model. Volume I. Formulation. Pacific Northwest Laboratory Report PNL-3160-1, 20 p.

Reisenauer, A.E. 1979. Variable Thickness Transient Groundwater Flow Model: Volume II, User's Manual. Pacific Northwest Laboratory Publication PNL-3160-2. 136 p.

Micro
Relyea, J.F. and Serne, R.J. 1979. Controlled Sample Program Publication Number 2: Interlaboratory Comparison of Batch KD Values. Office of Nuclear Waste Isolation, PNL-2872, UC-70, 15 p. plus appendices.

Roedder, E. and Chou, I. 1982. A Critique of "Brine Migration in Salt and Its Implications in a Geologic Disposal of Nuclear Waste", Oak Ridge National Laboratory Report 5818 by Jenks and H. C. Claiborne. U. S. Geological Survey, Open File Report 82-1131, 31 p.

Ross, Benjamin. 1985. Theory of the Oscillating Slug Test in Deep Wells. in Memoires, vol. XVII, part 1 proceedings, Hydrogeology of Rocks of Low Permeability, International Assoc. of Hydrogeologists, p. 44-51.

Rothfuchs, T., Lubker, D., Coyle, A., and Kalia, H. October 1984. Nuclear Waste Repository Simulation Experiments, Asse Salt Mine, Federal Republic of Germany; Annual Report 1983. Office of Nuclear Waste Isolation, Technical Report, BMI/ONWI-539, 159 p.

Roy, D.M., Grutzeck, M.W., Licastro, P.H. February, 1979. Evaluation of Cement Borehole Plug Longevity. ONWI-30, 44 p.

Roy, D.M., Grutzeck, M.W., and Wakeley, L.D. April 1985. Salt Repository Seal Materials: A Synopsis of Early Cementitious Materials Development. Office of Nuclear Waste Isolation, Technical Report, BMI/ONWI-536, 94 p.

Roy, D.M. and Langton, C.A. December 1983. Characterization of Cement-Based Ancient Building Materials in Support of Repository Seal Materials Studies. Office of Nuclear Waste Isolation, Technical Report, BMI/ONWI-523, 147 p.

Rushton, K.R. and Rathod, K.S. 1985. Aquifer Response Due to Zones of Higher Permeability and Storage Coefficient. Journal of Hydrology, vol. 50, no. 2, pp. 299-316.

Sagar, B. and Clifton, P.M. 1985. Stochastic Groundwater Flow Modeling Using the Second-Order Method. in Memoires, vol. XVII, part 2 proceedings, Hydrogeology of Rocks of Low Permeability, International Assoc. of Hydrogeologists, p. 498-512.

Scheidegger, A.E. 1961. General Theory of Dispersion in Porous Media. Journal of Geophysical Research, vol. 66, no. 10, pp. 3273-3278.

Schneider, R. and Trask, N.J. 1984. U. S. Geological Survey Research in Radioactive Waste Disposal--Fiscal Year 1982. U. S. Geological Survey, Water Resources Investigations Report 84-4205, 116 p.

Sebeok, T.A. April 1984. Communication Measures to Bridge Ten Millennia. Technical Report BMI/ONWI-532, Office of Nuclear Waste Isolation, 41 p.

Senseny, P.E. June 1983. Review of Constitutive Laws Used to Describe the Creep of Salt. Office of Nuclear Waste Isolation, Technical Report ONWI-295, 55 p.

Serne, R.J. and Relyea, J.F. 1982. The Status of Radionuclide Sorption-Desorption Studies Performed by the WRIT Program. Pacific Northwest Laboratory Publication PNL-3997, 83 p.

Sharma, H.C., Chauhan, H.S., and Sewa Ram. 1985. Hydraulics of a Well Pumped with Linearly Decreasing Discharge. Journal of Hydrology, vol. 77, p. 281-291.

Simmons, C.S. 1981. Relationships of Dispersive Mass Transport in Stochastic Convective Flow through Hydrologic Systems. Pacific Northwest Laboratory Report PNL-3302, 112 p.

Snyder, R.P. and Gard, L.M., Jr. 1982. Evaluation of Breccia Types in Southeastern Mexico and Their Relation to the Waste Isolation Pilot Plant (WIP) Site. U. S. Geological Survey, Open File Report 82-968, 73 p.

Sterrett, R.J. and Nelson, R.A. 1985. Impact of Borehole Deformation on Hydrogeologic Testing in Salt. in Memoires, vol. XVII, part 1 proceedings, Hydrogeology of Rocks of Low Permeability, International Assoc. of Hydrogeologists, p. 169-176.

Micro
Stottlemyre, J.A., Wallace, R.W., Benson, G.L., and Zellmer, J.T. 1980. Perspective on the Geological and Hydrological Aspects of Long-Term Release Scenario Analyses. Pacific Northwest Laboratory Publication PNL-2928. 83 p. plus appendices.

Sun, Ne-Zheng and Yeh, W.G. 1985. Identification of Parameter Structure in Groundwater Inverse Problem. Water Resources Research, vol. 21, no. 6, p. 869-883.

Sutcliffe, W.G., Feller, K.G., Madsen, N.K. and Pollack, C.D. 1981. Uncertainties and Sensitivities in the Performance of Geologic Nuclear Waste Isolation Systems, Volume I. Office of Nuclear Waste Isolation, Technical Report ONWI-352.

Tammemagi, Hans, Loken, Marc, Osnes, John, and Wagner, Ralph. January 1986. A Compilation of Data for Thermomechanical Analyses of Four Potential Salt Repositories. Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, Technical Report ONWI-364, 73 p.

Tannenbaum, P.H. April 1984. Communication Across 300 Generations: Deterring Human Interference with Waste Deposit Sites. Technical Report BMI/ONWI-535, Office of Nuclear Waste Isolation, 59 p.

Texas Bureau of Economic Geology. Feb. 1983. List of Publications. Austin, Texas, 32 p.

Toth, J. October 1978. Gravity-Induced Cross-Formational Flow of Formation Fluids, Red Earth Region, Alberta, Canada: Analysis, Patterns, and Evolution. Water Resources Research, vol. 14, no. 5, p. 805-844.

Toth, J. and Millar, R.F. December 1983. Possible Effects of Erosional Changes of the Topographic Relief on Pore Pressures at Depth. Water Resources Research, vol. 19, no. 6, p. 1585-1597.

Toth, J. and Millar, R.F. 1985. Reply to comment by Neuzil. Water Resources Research, vol. 21, no. 6, p. 899-903.

Micro
U.S. Department of Energy. 1981. Geologic Disposal of Radioactive Wastes, Program Plan for Field Tests in Salt. Department of Energy, Publication DOE/NWTS-80 (2). 66 p.

Waite, David A., Mayberry, James J., and Furr, Jeffrey M. January 1986. Preclosure Radiological Calculations to

Support Salt Site Evaluations. Office of Nuclear Waste Isolation, Battelle Memorial Institute, Columbus, Ohio, Technical Report BMI/ONWI-541 (Rev. 1), 110 p.

Waldman, H. and Stickney, R.G. November 1984. Measured Data from the Avery Island Site C Heater Test. Prepared by RE/SPEC Inc. for Office of Nuclear Waste Isolation, Technical Report, BMI/ONWI-529, 85 p.(Jan,84)

Westinghouse Electric Corporation. July 1983. Brine Migration Test for Asse Mine, Federal Republic of Germany: Final Test Plan. Office of Nuclear Waste Isolation, Technical Report ONWI-242.

Westinghouse Electric Corporation, IT Corporation, and Stearns Catalytic Corporation. May 1985. Technical Bases for Establishing a Salt Test Facility. Office of Nuclear Waste Isolation, Technical Report, ONWI-243, 187 p.

Williams, R.E. 1985. Comment on "Double-Porosity Models for a Fissured Groundwater Reservoir With Fracture Skin" by Allen Moench. Water Resources Research, vol. 21, no. 6, p. 889-891.

Winter, C.L., Neuman, S.P., Newman, C.M. March 1984. Prediction of Far-Field Subsurface Radionuclide Dispersion Coefficients from Hydraulic Conductivity Measurements. U.S. Nuclear Regulatory Commission, NUREG/CR-3612, 56 p.

Witherspoon, P.A. and Gale, J.E. 1977. Mechanical and Hydraulic Properties of Rocks Related to Induced Seismicity. Engineering Geology, vol. 11, p. 23-55.

Woolhiser, D. A., Emmerich, W. E., and Shirley, E. D. 1985. Identification of Water Sources Using Normalized Chemical Ion Balances: A Laboratory Test. Journal of Hydrology, no. 76, p. 205-231.

Yook, H.R., Arbital, J.G., Keeton, J.M., Mosier, J.E., and Weaver, B.S. September 1984. Repository Preclosure Accident Scenarios. Office of Nuclear Waste Isolation, BMI/ONWI-551, 390 p.

Zuber, A., Grabczak, J. and Kolonko, M. 1978. Environmental and Artificial Tracers for Investigating Leakages into Salt Mines. Isotope Hydrology, Proceedings of an International Symposium on Isotope Hydrology, vol. 1, IAEA-SM-228/2, p. 45-63.