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APR 29 1983

WM Project

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PALTOMARE
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PSJUSTUS
JTGREEVES
LCHASE
RJOHNSON & r/f
~~MR~~ PDR

Mr. J. O. Neff
Salt Repository Program Manager
U. S. Department of Energy
National Waste Terminal Storage
Program Office
505 King Ave.
Columbus, OH 43201

Dear Mr. Neff:

This letter is in response to Mr. Michael Glora's letter of January 17, 1983 to me regarding the distribution of the NPO/DOE and ONWI documents for the salt program. We reviewed the computer listing of the NRC staff currently on distribution and our future salt document distribution needs. Based on this review, the following recommendations are made:

- 1) Remove from your distribution system the names crossed off the attached computer listing and make the changes noted.
- 2) Add to your distribution system the names of the staff members for which I have attached a Battelle Technical Profile Selection form. These reports will serve as the working copies for the salt team members.
- 3) Distribute one microfiche copy and one paper copy of all NPO/DOE and ONWI salt related documents to the Docket Control Center, Division of Waste Management. These copies will make up the NRC Salt Project Library.
- 4) No NPO/DOE and ONWI documents relating to salt should be distributed to the NRC Public Document Room. The current NRC policy is that NRC is not responsible for making the DOE Site Characterization Plan (SCP) and documents referenced in the SCP available to the public.

8402010188 830429
PDR WASTE
WM-16 PDR

00102

103/RLJ/83/04/29/0

- 2 -

APR 29 1983

If you have any questions about the above recommendations, please phone Mr. Robert Johnson at (301) 427-4676.



Lawrence Chase, Salt Project Manager
High-level Waste Management
Development Branch
Division of Waste Management

Attachments:

- 1. Computer Listing
- 2. Technical Profile Selection Forms

DesireeM 83/04/29

OFC	:	WMHT <i>RLJ</i>	:	WMHT <i>LC</i>	:	:	:	:
NAME	:	RJohnson:dm	:	LChase	:	:	:	:
DATE	:	04/29/83	:	04/29/83	:	:	:	:

1/11/83

U.S. NUCLEAR
BEGIN ORGANIZATION SEARCH

The address below can
be used for names
marked by →

Division of Waste Management
Mail Stop 623-55
U.S. Nuclear Regulatory
Commission
Washington, D.C. 20555

- ~~ORG- U.S. NUCLEAR REGULATORY COMMISSION~~
- ~~ID NUMBER - 00126 NAME - MICHAEL ST. CLAIR THORND~~
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 00139 NAME - J. J. DAVIS
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ~~ID NUMBER - 00204 NAME - J. L. STEVENS~~
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 00426 NAME - CLYDE JUPITER
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 00430 NAME - J. CALVIN BELOTE
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 00474 NAME - DR. P. JOHN STARMER
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 00544 NAME - ~~PHILIP S. JUSTUS~~
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ~~ID NUMBER - 00627 NAME - ERIC F. LEFEBVRE~~
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 00639 NAME - DR. EDWARD CONNELL
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 00904 NAME -
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ~~ID NUMBER - 01024 NAME - FREDERICK FERSSNER~~
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ~~ID NUMBER - 01036 NAME - RICHARD F. FEGSTER~~
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 01234 NAME - MALCOLM R. KNAPP
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 01314 NAME - DR PHILIP S. JUSTUS
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ~~ID NUMBER - 01366 NAME - LINDA L. LELMAN~~
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 01404 NAME - MARTHA W. PENDLETON
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 01406 NAME - LEON BERATAN
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 01407 NAME - **LIBRARY**
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 01409 NAME - ENRICO F. CONTI
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 01411 NAME - PATRICIA A. COMELLA
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 01415 NAME - DR. F. L. DOYLE
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 01427 NAME - G. W. ROLES
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ~~ID NUMBER - 01543 NAME - MICHAEL BELL~~
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 02048 NAME - ROBERT G. WRIGHT
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 02054 NAME - JOHN T. GREEVES
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 02071 NAME - LUDWIG F. HARTUNG
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 02076 NAME - KYO KIM
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 02089 NAME - GEORGE BIRCHARD
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 02091 NAME - PAUL F. GOLDBERG
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 02140 NAME -
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 02355 NAME - JOHN C. MCKINLEY
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 03011 NAME - MICHAEL S. KEARNEY
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 03046 NAME - EVERETT A. WICK
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 03559 NAME - H. E. LEFEBVRE
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 05528 NAME - ROBERT JOHNSON
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 05736 NAME - THOMAS J. NICKOLSON
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ~~ID NUMBER - 05755 NAME - THOMAS J. NICKOLSON~~
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 06068 NAME - JAY E. PHILLERICK
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ~~ID NUMBER - 06150 NAME - RICHARD F. FEGSTER~~
- ORG- U.S. NUCLEAR REGULATORY COMMISSION
- ID NUMBER - 06121 NAME - P. BOYLE
- ORG- U.S. NUCLEAR REGULATORY COMMISSION

add: Director, Div.
of Waste Management
(1 copy only)

add. Chief, High Level
Waste Technical
Development Br.
(3 copies)

add: Chief, High Level
Waste Licensing Br.

END OF ORGANIZATION SEARCH
IS THIS A NAME (N) OR ORGANIZATION (O) SEARCH
OR DO YOU WANT TO STOP (S)



Battelle

Project Management Division
505 King Avenue
Columbus, Ohio 43201

FROM: BPMD Reports Distribution Center

Technical reports are distributed from this office to persons who have expressed interest in specific subjects within the general area of nuclear waste isolation. The Technical Profile Selection listing on the back of this sheet shows the range of subjects. Checkmark the categories related to your field(s) of interest, so that we can provide you with the appropriate reports.

Also, we encourage the use of microfiche copies of reports, since their production and mailing costs are a fraction of those for paper copy reports. If you will accept microfiche, you will receive all the reports you request. Budgeting constraints may preclude large-scale distribution of paper copy reports.

Will you accept microfiche instead of paper copy reports? Yes No

Finally, please print or type the information requested below.

Name Docket Control Center, Division of Waste Management

Title _____

Company/Organization U.S. Nuclear Regulatory Commission

Address Division of Waste Management

Mail Stop 623-55

U.S. Nuclear Regulatory Commission

City/State/Zip Washington D.C. 20555

Phone 427-4887

Please explain why you need these reports _____

The 1 fiche copy and 1 paper copy will
make up the Salt Project Library

TECHNICAL PROFILE SELECTION

GENERAL

- Program Plans and Criteria.
- Quarterly Technical Reports.

SYSTEMS

- Systems Analysis.
- Systems Engineering.
- Socioeconomic Assessment.
Alternate Disposal Concepts:
 - General
 - Space
 - Very Deep Hole
- Performance Assessment.
- International Cooperation.

WASTE PACKAGE

- Waste Package Plans and Criteria.
- Waste Form.
- Barrier Materials.
Design and Development:
 - Design
 - Testing
- Performance Evaluation:
 - Modeling
 - Demonstration Testing
 - Natural Analogs

SITE

- Siting Strategy.
- Site Criteria and Issues.
- Site Characterization Plans.
Earth Sciences:
 - Geophysics
 - Geochemistry
 - Transport Properties
- Geologic Characterization:
 - Generic Activities
 - Salt - Generic
 - Salt - Salina
 - Salt - Paradox
 - Salt - Permian
 - Salt - Gulf Coast Domes
 - Crystalline - Generic
 - Crystalline - Lake Superior
 - Crystalline - N. Appalachian
 - Crystalline - S. Appalachian
 - Argillaceous Rocks
 - Province Studies
 - National Screening
- Hydrologic Characterization.
- Environmental Characterization:
 - Generic Activities
 - Salt - Generic
 - Salt - Salina
 - Salt - Paradox
 - Salt - Permian
 - Salt - Gulf Coast Domes
 - Crystalline - Generic
 - Crystalline - Lake Superior
 - Crystalline - N. Appalachian
 - Crystalline - S. Appalachian

SITE, Continued

- Argillaceous Rocks
- Province Screening
- National Screening
- Socioeconomic Evaluation/Assessment.
- Performance Evaluation.

REPOSITORY

- Repository Plans.
- Reference Repository Conditions.
Repository Data Base Development:
 - Generic
 - Salt
 - Tuff
 - Basalt
 - Crystalline
 - Argillaceous
- Equipment Development.
- Instrumentation Development.
Repository Seal Development:
 - Design
 - Materials
 - Field Tests
- Generic Repository Engineering:
 - Design Studies and Optimization
 - Support Studies
 - Value Engineering
- Repository Conceptual Design:
 - Dome Salt
 - Bedded Salt
 - Tuff
 - Basalt
 - Crystalline
- Performance Evaluation.

REGULATORY AND INSTITUTIONAL

- Regulatory Plans and Criteria.
- Licensing Applications.
- NEPA Documents.
- State Consultation.

TEST FACILITIES AND EXCAVATIONS

- Salt:
 - Acquisition
 - Design
 - Construction/Development
 - Operation/Maintenance
- Crystalline:
 - Acquisition
 - Design
 - Construction/Development
 - Operation/Maintenance
- Tuff.
- Basalt.
- Argillaceous.
Support Facilities:
 - Surface
 - Underground
 - Exploratory Shaft.
 - Test and Evaluation Facility.
 - Land Acquisition.

1 fiche copy and 1 paper copy of all salt related documents



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Project Management Division
505 King Avenue
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Will you accept microfiche instead of paper copy reports? Yes No

Finally, please print or type the information requested below.

Name DR. LAWRENCE CHASE

Title PROJECT MANAGER

Company/Organization US NUCLEAR REGULATORY COMMISSION

Address MAIL STOP - 623 5TH WILLSTE
WASHINGTON, D.C. 20555

City/State/Zip _____

Phone (301) 460-5522

Please explain why you need these reports _____
I AM THE PROJECT MANAGER
FOR NRC'S SALT REPOSITORY
PROJECT.

TECHNICAL PROFILE SELECTION

GENERAL

- Program Plans and Criteria.
- Quarterly Technical Reports.

SYSTEMS

- Systems Analysis.
- Systems Engineering.
- Socioeconomic Assessment.
- Alternate Disposal Concepts:
 - General
 - Space
 - Very Deep Hole
- Performance Assessment.
- International Cooperation.

WASTE PACKAGE

- Waste Package Plans and Criteria.
- Waste Form.
- Barrier Materials.
 - Design and Development:
 - Design
 - Testing
 - Performance Evaluation:
 - Modeling
 - Demonstration Testing
 - Natural Analogs

SITE

- Siting Strategy.
- Site Criteria and Issues.
- Site Characterization Plans.
 - Earth Sciences:
 - Geophysics
 - Geochemistry
 - Transport Properties
 - Geologic Characterization:
 - Generic Activities
 - Salt - Generic
 - Salt - Salina
 - Salt - Paradox
 - Salt - Permian
 - Salt - Gulf Coast Domes
 - Crystalline - Generic
 - Crystalline - Lake Superior
 - Crystalline - N. Appalachian
 - Crystalline - S. Appalachian
 - Argillaceous Rocks
 - Province Studies
 - National Screening
 - Hydrologic Characterization.
 - Environmental Characterization:
 - Generic Activities
 - Salt - Generic
 - Salt - Salina
 - Salt - Paradox
 - Salt - Permian
 - Salt - Gulf Coast Domes
 - Crystalline - Generic
 - Crystalline - Lake Superior
 - Crystalline - N. Appalachian
 - Crystalline - S. Appalachian

SITE, Continued

- Argillaceous Rocks
- Province Screening
- National Screening
- Socioeconomic Evaluation/Assessment.
- Performance Evaluation.

REPOSITORY

- Repository Plans.
- Reference Repository Conditions.
- Repository Data Base Development:
 - Generic
 - Salt
 - Tuff
 - Basalt
 - Crystalline
 - Argillaceous
- Equipment Development.
- Instrumentation Development.
- Repository Seal Development:
 - Design
 - Materials
 - Field Tests
- Generic Repository Engineering:
 - Design Studies and Optimization
 - Support Studies
 - Value Engineering
- Repository Conceptual Design:
 - Dome Salt
 - Bedded Salt
 - Tuff
 - Basalt
 - Crystalline
- Performance Evaluation.

REGULATORY AND INSTITUTIONAL

- Regulatory Plans and Criteria.
- Licensing Applications.
- NEPA Documents.
- State Consultation.

TEST FACILITIES AND EXCAVATIONS

- Salt:
 - Acquisition
 - Design
 - Construction/Development
 - Operation/Maintenance
- Crystalline:
 - Acquisition
 - Design
 - Construction/Development
 - Operation/Maintenance
- Tuff.
- Basalt.
- Argillaceous.
- Support Facilities:
 - Surface
 - Underground
 - Exploratory Shaft.
 - Test and Evaluation Facility.
 - Land Acquisition.



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Project Management Division
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Columbus, Ohio 43201

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Will you accept microfiche instead of paper copy reports? Yes _____ No X

Finally, please print or type the information requested below.

Name Edward Regnier

Title Project Manager

Company/Organization U.S. Nuclear Regulatory Commission

Address Mail Stop - 623 SS

U.S. NRC

Washington, D.C. 20555

City/State/Zip _____

Phone (301) 427-4534

Please explain why you need these reports I have been assigned to

the NRC salt review team in the areas of
environment and socioeconomics.

TECHNICAL PROFILE SELECTION

GENERAL

- Program Plans and Criteria.
- Quarterly Technical Reports.

SYSTEMS

- Systems Analysis.
- Systems Engineering.
- Socioeconomic Assessment.
- Alternate Disposal Concepts:
 - General
 - Space
 - Very Deep Hole
- Performance Assessment.
- International Cooperation.

WASTE PACKAGE

- Waste Package Plans and Criteria.
- Waste Form.
- Barrier Materials.
- Design and Development:
 - Design
 - Testing
- Performance Evaluation:
 - Modeling
 - Demonstration Testing
 - Natural Analogs

SITE

- Siting Strategy.
- Site Criteria and Issues.
- Site Characterization Plans.
- Earth Sciences:
 - Geophysics
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 - Salt - Generic
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 - Salt - Permian
 - Salt - Gulf Coast Domes
 - Crystalline - Generic
 - Crystalline - Lake Superior
 - Crystalline - N. Appalachian
 - Crystalline - S. Appalachian

SITE, Continued

- Argillaceous Rocks
- Province Screening
- National Screening
- Socioeconomic Evaluation/Assessment.
- Performance Evaluation.

REPOSITORY

- Repository Plans.
- Reference Repository Conditions.
- Repository Data Base Development:
 - Generic
 - Salt
 - Tuff
 - Basalt
 - Crystalline
 - Argillaceous
- Equipment Development.
- Instrumentation Development.
- Repository Seal Development:
 - Design
 - Materials
 - Field Tests
- Generic Repository Engineering:
 - Design Studies and Optimization
 - Support Studies
 - Value Engineering
- Repository Conceptual Design:
 - Dome Salt
 - Bedded Salt
 - Tuff
 - Basalt
 - Crystalline
- Performance Evaluation.

REGULATORY AND INSTITUTIONAL

- Regulatory Plans and Criteria.
- Licensing Applications.
- NEPA Documents.
- State Consultation.

TEST FACILITIES AND EXCAVATIONS

- Salt:
 - Acquisition
 - Design
 - Construction/Development
 - Operation/Maintenance
- Crystalline:
 - Acquisition
 - Design
 - Construction/Development
 - Operation/Maintenance
- Tuff.
- Basalt.
- Argillaceous.
- Support Facilities:
 - Surface
 - Underground
 - Exploratory Shaft.
 - Test and Evaluation Facility.
 - Land Acquisition.



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Will you accept microfiche instead of paper copy reports? Yes _____ No

Finally, please print or type the information requested below.

Name Julia Ann CORRADO

Title Project Manager

Company/Organization ^{U.S.} Nuclear Regulatory Commission

High Level Technical Development Branch - Division of Waste Mngmt.

Address b23-55

City/State/Zip Washington, D.C. 20555

Phone (301) 427-4543

Please explain why you need these reports I have been assigned to the NRC's salt review team and the documents requested will facilitate carrying out my responsibilities in the area of geochemistry.

TECHNICAL PROFILE SELECTION

GENERAL

- Program Plans and Criteria.
- Quarterly Technical Reports.

SYSTEMS

- Systems Analysis.
- Systems Engineering.
- Socioeconomic Assessment.
- Alternate Disposal Concepts:
 - General
 - Space
 - Very Deep Hole
- Performance Assessment.
- International Cooperation.

WASTE PACKAGE

- Waste Package Plans and Criteria.
- Waste Form.
- Barrier Materials.
- Design and Development:
 - Design
 - Testing
- Performance Evaluation:
 - Modeling
 - Demonstration Testing
 - Natural Analogs

SITE

- Siting Strategy.
- Site Criteria and Issues.
- Site Characterization Plans.
- Earth Sciences:
 - Geophysics
 - Geochemistry
 - Transport Properties
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 - Salt - Generic
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 - Salt - Permian
 - Salt - Gulf Coast Domes
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 - Crystalline - Lake Superior
 - Crystalline - N. Appalachian
 - Crystalline - S. Appalachian
 - Argillaceous Rocks
 - Province Studies
 - National Screening
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- Environmental Characterization:
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 - Salt - Paradox
 - Salt - Permian
 - Salt - Gulf Coast Domes
 - Crystalline - Generic
 - Crystalline - Lake Superior
 - Crystalline - N. Appalachian
 - Crystalline - S. Appalachian

SITE, Continued

- Argillaceous Rocks
- Province Screening
- National Screening
- Socioeconomic Evaluation/Assessment.
- Performance Evaluation.

REPOSITORY

- Repository Plans.
- Reference Repository Conditions.
- Repository Data Base Development:
 - Generic
 - Salt
 - Tuff
 - Basalt
 - Crystalline
 - Argillaceous
- Equipment Development.
- Instrumentation Development.
- Repository Seal Development:
 - Design
 - Materials
 - Field Tests
- Generic Repository Engineering:
 - Design Studies and Optimization
 - Support Studies
 - Value Engineering
- Repository Conceptual Design:
 - Dome Salt
 - Bedded Salt
 - Tuff
 - Basalt
 - Crystalline
- Performance Evaluation.

REGULATORY AND INSTITUTIONAL

- Regulatory Plans and Criteria.
- Licensing Applications.
- NEPA Documents.
- State Consultation.

TEST FACILITIES AND EXCAVATIONS

- Salt:
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- Support Facilities:
 - Surface
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 - Land Acquisition.



Battelle

Project Management Division
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Columbus, Ohio 43201

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Will you accept microfiche instead of paper copy reports? Yes _____ No

Finally, please print or type the information requested below.

Name FR Cook

Title CHIEF, MATERIALS SECTION, HLWL BRANCH

Company/Organization NUCLEAR REGULATORY COMMISSION
MAIL STOP ~~64655~~ 623-99

Address WASHINGTON DC
20555

City/State/Zip _____

Phone 703 427 4173

Please explain why you need these reports TO STAY ABBREAST
OF WASTE MGT ACTIVITIES

TECHNICAL PROFILE SELECTION

GENERAL

- Program Plans and Criteria.
- Quarterly Technical Reports.

SYSTEMS

- Systems Analysis.
- Systems Engineering.
- Socioeconomic Assessment.
- Alternate Disposal Concepts:
 - General
 - Space
 - Very Deep Hole
- Performance Assessment.
- International Cooperation.

WASTE PACKAGE

- Waste Package Plans and Criteria.
- Waste Form.
- Barrier Materials.
 - Design and Development:
 - Design
 - Testing
 - Performance Evaluation:
 - Modeling
 - Demonstration Testing
 - Natural Analogs

SITE

- Siting Strategy.
- Site Criteria and Issues.
- Site Characterization Plans.
 - Earth Sciences:
 - Geophysics
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 - Generic Activities
 - Salt - Generic
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 - Crystalline - S. Appalachian

SITE, Continued

- Argillaceous Rocks
- Province Screening
- National Screening
- Socioeconomic Evaluation/Assessment.
- Performance Evaluation.

REPOSITORY

- Repository Plans.
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 - Repository Data Base Development:
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 - Instrumentation Development.
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 - Materials
 - Field Tests
 - Generic Repository Engineering:
 - Design Studies and Optimization
 - Support Studies
 - Value Engineering
 - Repository Conceptual Design:
 - Dome Salt
 - Bedded Salt
 - Tuff
 - Basalt
 - Crystalline
 - Performance Evaluation.

REGULATORY AND INSTITUTIONAL

- Regulatory Plans and Criteria.
- Licensing Applications.
- NEPA Documents.
- State Consultation.

TEST FACILITIES AND EXCAVATIONS

- Salt:
 - Acquisition
 - Design
 - Construction/Development
 - Operation/Maintenance
- Crystalline:
 - Acquisition
 - Design
 - Construction/Development
 - Operation/Maintenance
- Tuff.
- Basalt.
- Argillaceous.
 - Support Facilities:
 - Surface
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 - Exploratory Shaft.
 - Test and Evaluation Facility.
 - Land Acquisition.



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But I Prefer Paper Copy

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Name Michael Weber

Title Hydrogeologist/ Performance Analyst

Company/Organization U.S. Nuclear Regulatory Commission

Division of Waste Management/ High-Level Waste Mgmt. Licensing Branch

Address Washington, D.C. 20555 Mail Stop 623-SS

City/State/Zip _____

Phone (301) 427-4686

Please explain why you need these reports Request reports to evaluate site
characterization of the salt sites and conduct assessments of these sites
in terms of their compliance to regulatory criteria.

TECHNICAL PROFILE SELECTION

GENERAL

- Program Plans and Criteria.
- Quarterly Technical Reports.

SYSTEMS

- Systems Analysis.
- Systems Engineering.
- Socioeconomic Assessment.
- Alternate Disposal Concepts:
 - General
 - Space
 - Very Deep Hole
- Performance Assessment.
- International Cooperation.

WASTE PACKAGE

- Waste Package Plans and Criteria.
- Waste Form.
- Barrier Materials.
- Design and Development:
 - Design
 - Testing
- Performance Evaluation:
 - Modeling
 - Demonstration Testing
 - Natural Analogs

SITE

- Siting Strategy.
- Site Criteria and Issues.
- Site Characterization Plans.
- Earth Sciences:
 - Geophysics
 - Geochemistry
 - Transport Properties
- Geologic Characterization:
 - Generic Activities
 - Salt - Generic
 - Salt - Salina
 - Salt - Paradox
 - Salt - Permian
 - Salt - Gulf Coast Domes
 - Crystalline - Generic
 - Crystalline - Lake Superior
 - Crystalline - N. Appalachian
 - Crystalline - S. Appalachian
 - Argillaceous Rocks
 - Province Studies
 - National Screening
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SITE, Continued

- Argillaceous Rocks
- Province Screening
- National Screening
- Socioeconomic Evaluation/Assessment.
- Performance Evaluation.

REPOSITORY

- Repository Plans.
- Reference Repository Conditions.
- Repository Data Base Development:
 - Generic
 - Salt
 - Tuff
 - Basalt
 - Crystalline
 - Argillaceous
- Equipment Development.
- Instrumentation Development.
- Repository Seal Development:
 - Design
 - Materials
 - Field Tests
- Generic Repository Engineering:
 - Design Studies and Optimization
 - Support Studies
 - Value Engineering
- Repository Conceptual Design:
 - Dome Salt
 - Bedded Salt
 - Tuff
 - Basalt
 - Crystalline
- Performance Evaluation.

REGULATORY AND INSTITUTIONAL

- Regulatory Plans and Criteria.
- Licensing Applications.
- NEPA Documents.
- State Consultation.

TEST FACILITIES AND EXCAVATIONS

- Salt:
 - Acquisition
 - Design
 - Construction/Development
 - Operation/Maintenance
- Crystalline:
 - Acquisition
 - Design
 - Construction/Development
 - Operation/Maintenance
- Tuff.
- Basalt.
- Argillaceous.
- Support Facilities:
 - Surface
 - Underground
 - Exploratory Shaft.
 - Test and Evaluation Facility.
 - Land Acquisition.



Battelle

Project Management Division
505 King Avenue
Columbus, Ohio 43201

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Name LUDWIG F. HARTUNG

Title PROJECT MANAGER - ENGINEERING GEOLOGY

Company/Organization NRC - NMSS - WMHT

Address DIVISION OF WASTE MGT (NMSS)
Mail STOP SS-623

City/State/Zip WASHINGTON, DC, 20555

Phone 703-427-4646

Please explain why you need these reports _____

This is an update.

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Finally, please print or type the information requested below.

Name Kristin B. Westbrook

Title Project Manager / Geologist

Company/Organization U.S. Nuclear Regulatory Commission
High Level Waste Technical Development

Address U.S. Nuclear Regulatory Commission
Mail Stop 623 55
Washington, D.C. 20555

City/State/Zip _____

Phone 301 427-4542

Please explain why you need these reports _____

For Technical background on Salt disposal
May need working copy for markup
so central library not adequate.

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