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Mr. J. O. Neff	(Return to WM, 623-SS)		PSJUSTU <u>s</u> JTGREEVES
Salt Repositor U. S. Departme	y Program Manager		LCHASE RJOHNSON & r/t

Dear Mr. Neff:

Program Office 505 King Ave.

Columbus, OH 43201

7

National Waste Terminal Storage

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

00102

103/RLJ/83/04/29/0

APR 29 1983

- 2 -

				recommendations,	please phone
Mr.	Robert John:	son at (301	.) 427-4676.		

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

Attachments:

1.

Computer Listing Technical Profile Selection Forms

DesireeM 83/04/29

OFC	WMHT RY	WMHT	:	 •	•	: }
NAME	:RJohnson:dm	<b>LChase</b>	•	•		•
	04/ <b>29</b> /83				•	

7 U.S. NUCLEAR BEGIN ORGANIZATION SEARCH

The address below can be used for mames marked by ->

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U.S. Naclear Regulatory
Commission
Washington, D.C. 20555

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      ORG- U.S. NUCLEAR REGULATERY CUMMISSION
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Title	
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	The 1 fiche copy and I paper copy will
	make up the Salt Project Library

	GENERAL	SITE, Continued
	☐ Program Plans and Criteria. ☐ 'Quarter' / Technical Reports.	□ —Argillaceous Rocks □ —Province Screening
	SYSTEMS	□ —National Screening
	☐ Systems Analysis.	<ul><li>Socioeconomic Evaluation/Assessment.</li><li>Performance Evaluation.</li></ul>
	☐ Systems Engineering.	
	☐ Socioeconomic Assessment.	REPOSITORY
	Alternate Disposal Concepts:	□ Repository Plans.
	□ —General	☐ Reference Repository Conditions.
	□ —Space	Repository Data Base Development:
	☐ —Very Deep Hole ☐ Performance Assessment.	□ —Generic
	International Cooperation.	□ —Salt □ —Tuff
	•	□ —Basalt
	WASTE PACKAGE	□ —Crystalline
	☐ Waste Package Plans and Criteria.	□ —Argillaceous
,	Waste Form.	☐ Equipment Development.
•	Barrier Materials.	☐ Instrumentation Development.
	Design and Development:  D —Design	Repository Seal Development:
	□ —Testing	□ —Design
	Performance Evaluation:	<ul><li>☐ —Materials</li><li>☐ —Field Tests</li></ul>
7	□Modeling	Generic Repository Engineering:
	□ —Demonstration Testing	☐ —Design Studies and Optimization
	□ —Natural Analogs	☐ —Support Studies
	SITE	□ —Value Engineering
	☐ Siting Strategy.	Repository Conceptual Design:
	☐ Site Criteria and Issues.	□ —Dome Salt
	☐ Site Characterization Plans.	☐ —Bedded Salt
	Earth Sciences:	□ —Tuff □ —Basalt
	☐ —Geophysics	☐ —Crystalline
	☐ —Geochemistry	☐ Performance Evaluation.
	<ul><li>—Transport Properties</li><li>Geologic Characterization:</li></ul>	REGULATORY AND INSTITUTIONAL
(	-Generic Activities	
	□ —Salt - Generic	<ul><li>☐ Regulatory Plans and Criteria.</li><li>☐ Licensing Applications.</li></ul>
	□ -Salt - Salina	□ NEPA Documents.
	□ —Salt - Paradox	☐ State Consultation.
	□ —Salt - Permian	TEST FACILITIES AND EXCAVATIONS
	—Salt - Gulf Coast Domes	Salt:
	<ul> <li>□ —Crystalline - Generic</li> <li>□ —Crystalline - Lake Superior</li> </ul>	☐ —Acquisition
	Crystalline - N. Appalachian	□ —Design
	—Crystalline - S. Appalachian	☐ —Construction/Development
	□ —Argillaceous Rocks	□ —Operation/Maintenance
	□ —Province Studies	Crystalline:
	□ —National Screening	☐ —Acquisition
	Hydrologic Characterization.	□ —Design
	Environmental Characterization:  —Generic Activities	<ul><li>☐ —Construction/Development</li><li>☐ —Operation/Maintenance</li></ul>
	□ —Generic Activities □ —Sal: - Generic	☐ Tuff.
	□ —Salt - Salina	□ Basalt.
	□ —Salt - Paradox	☐ Argillaceous.
	□ -Salt - Permian	Support Facilities:
	☐ —Salt - Gulf Coast Domes	☐ —Surface
	☐ —Crystalline - Generic	□ —Underground
	—Crystalline - Lake Superior	☐ Exploratory Shaft.
	—Crystalline - N. Appalachian	☐ Test and Evaluation Facility.
	☐ —Crystalline - S. Appalachian	☐ Land Acquisition.

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



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	SYSTEMS	<ul><li>□ —National Screening</li><li>□ Socioeconomic Evaluation/Assessment</li></ul>
	☐ Systems Analysis.	☐ Performance Evaluation.
	☐ Systems Engineering. ☐ Socioeconomic Assessment.	REPOSITORY
	Alternate Disposal Concepts:	☑ Repository Plans.
	□ —General	☑ Reference Repository Conditions.
	□ —Space  ☑ —Very Deep Hole	Repository Data Base Development:      ✓ Generic
	Performance Assessment.	☑ —Salt
	☐ International Cooperation.	□ —Tuff
	WASTE PACKAGE	<ul><li>☐ —Basalt</li><li>☐ —Crystalline</li></ul>
	₩ Waste Package Plans and Criteria.	☐ /─Argillaceous
	<ul><li>☑ Waste Form.</li><li>☑ Barrier Materials.</li></ul>	☑ Equipment Development.
	Design and Development:	Instrumentation Development.
	☑ —Design	Repository Seal Development:  —Design
_	□ —Testing	☑/—Materials
	Performance Evaluation:  —Modeling	Field Tests
	☑ —Demonstration Testing	Generic Repository Engineering:  —Design Studies and Optimization
	□ —Natural Analogs	□ —Support Studies
	SITE	□ —Value Engineering
	D, Siting Strategy.	Repository Conceptual Design:  DDome Salt
	☑ Site Criteria and Issues. ☑ Site Characterization Plans.	☑ —Bedded Salt
	Earth Sciences:	□ —Tuff
	□, —Geophysics	☐ —Basalt ☐ —Crystalline
	☑/—Geochemistry ☑ —Transport Properties	Performance Evaluation.
	/ Geologic Characterization:	REGULATORY AND INSTITUTIONAL
	☑/—Generic Activities	☐ Regulatory Plans and Criteria.
	<ul><li>✓ —Salt - Generic</li><li>✓ —Salt - Salina</li></ul>	☐ Licensing Applications.
	□ Sait - Saima □ Sait - Paradox	☐ NEPA Documents. ☐ State Consultation.
	☑, —Salt - Permian	TEST FACILITIES AND EXCAVATIONS
	<ul><li>✓ —Salt - Gulf Coast Domes</li><li>□ —Crystalline - Generic</li></ul>	Salt:
	☐ —Crystalline - Lake Superior	Acquisition
	☐ —Crystalline - N. Appalachian	Design
	<ul><li>□ —Crystalline - S. Appalachian</li><li>□ —Argillaceous Rocks</li></ul>	<ul><li>□ —Construction/Development</li><li>□ —Operation/Maintenance</li></ul>
	□ —Province Studies	Crystalline:
	□/—National Screening	☐ —Acquisition
	☑ Hydrologic Characterization.  /Environmental Characterization:	<ul><li>□ —Design</li><li>□ —Construction/Development</li></ul>
	□ —Generic Activities	□ —Operation/Maintenance
	☑ —Salt - Generic	□ Tuff.
	□ —Salt - Salina □/ —Salt - Paradox	☐ Basalt. ☐ Argillaceous.
	□/—Salt - Permian	/Support Facilities:
		□'/Surface
	- Crystalline - Generic  - Crystalline - Lake Superior	ロ/Underground 区/Exploratory Shaft.
	<ul><li>□ —Crystalline - Lake Superior</li><li>□ —Crystalline - N. Appalachian</li></ul>	S Test and Evaluation Facility.
	☐ —Crystalline - S. Appalachian	☐ Land Acquisition.



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the HRC salt review team in the areas of
environment and someionomics.

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		☐ Socioeconomic Evaluation/Assessment
	☐ Systems Analysis. ☐ Systems Engineering.	□ Performance Evaluation.
	☐ Socioeconomic Assessment.	REPOSITORY
	Alternate Disposal Concepts:  —General  —Space  —Very Deep Hole  Performance Assessment.	<ul> <li>□ Repository Plans.</li> <li>□ Reference Repository Conditions.</li> <li>□ Repository Data Base Development:</li> <li>□ Generic</li> <li>□ Salt</li> </ul>
	☐ International Cooperation.	
	WASTE PACKAGE	☐ —Basait
	☐ Waste Package Plans and Criteria.	□ —Crystalline
	☐ Waste Form.	<ul><li>☐ —Argillaceous</li><li>☐ Equipment Development.</li></ul>
	☐ Barrier Materials.	D Instrumentation Development.
	Design and Development:	Repository Seal Development:
	□ —Design	□ —Design
	☐ —Testing / Performance Evaluation:	□ —Materials
ć	☐ —Modeling	☐ —Field Tests
	☐ —Demonstration Testing	Generic Repository Engineering:  Design Studies and Optimization
	☐ —Natural Analogs	□ —Support Studies
	SITE	□ —Value Engineering
	☐ Siting Strategy.	Repository Conceptual Design:
	☐ Site Criteria and Issues.	☐ —Dome Salt
	☐ Site Characterization Plans.	☐ —Bedded Salt ☐ —Tuff
	Earth Sciences:	□ —Basalt
	☐ —Geophysics	☐ —Crystalline
	<ul><li>☐ —Geochemistry</li><li>☐ —Transport Properties</li></ul>	☐ Performance Evaluation.
	Geologic Characterization:	REGULATORY AND INSTITUTIONAL
	□ —Generic Activities	☑ Begulatory Plans and Criteria.
	□ —Salt - Generic	Licensing Applications.
	□ —Salt - Salina	☑ NEPA Documents.
	<ul><li>□ —Salt - Paradox</li><li>□ —Salt - Permian</li></ul>	State Consultation.
	□ —Sait - Ferman □ —Sait - Gulf Coast Domes	TEST FACILITIES AND EXCAVATIONS
	□ —Crystalline - Generic	Salt:
	□ —Crystalline - Lake Superior	☐ —Acquisition
	☐ —Crystalline - N. Appalachian	□ —Design
	☐ —Crystalline - S. Appalachian	<ul><li>☐ —Construction/Development</li><li>☐ —Operation/Maintenance</li></ul>
	<ul><li>☐ —Argillaceous Rocks</li><li>☐ —Province Studies</li></ul>	Crystalline:
	□ —National Screening	□ —Acquisition
	☐ Hydrologic Characterization.	□ -Design
	Environmental Characterization:	☐ —Construction/Development
	☐ —Generic Activities	☐ —Operation/Maintenance
	☑ —Sal: - Generic ☑ —Sal: - Salina	□ Tuff. □ Basalt.
	—Salt - Saltila  —Salt - Paradox	☐ Argillaceous.
	Salt - Permian	Support Facilities:
	☑ —Salt - Gulf Coast Domes	□ —Surface
	☐ —Crystalline - Generic	☐ —Underground
	☐ —Crystalline - Lake Superior	☐ Exploratory Shaft.
		<ul><li>☐ Test and Evaluation Facility.</li><li>☐ Land Acquisition.</li></ul>
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City/State/Zip Washington, D.C. 20555	
Phone	
Please explain why you need these reports I have been assigned to	
the NRC's salt review than and the document	
requested will facilitate carrying out my	
responsibilities in the area & geodenistry.	

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G Program Plans and Criteria.	☐ —Argillaceous Rocks
C. Quarter: Technical Reports.	□ —Province Screening
SYSTEMS	□ —National Screening
· · · · · · · · · · · · · · · · · · ·	☐ Socioeconomic Evaluation/Assessment
☐ Systems Analysis.	☐ Performance Evaluation.
☐ Systems Engineering.	REPOSITORY
☐ Socioeconomic Assessment.	
Alternate Disposal Concepts:	☐ Repository Plans.
☐ —General	☐ Reference Repository Conditions.
□ —Space	Repository Data Base Development:
□ —Very Deep Hole	D.—Generic
Performance Assessment.	√Z —Salt
International Cooperation.	<ul> <li>□ —Tuff</li> <li>□ —Basalt</li> </ul>
WASTE PACKAGE .	
☐ Waste Package Plans and Criteria.	<ul><li>☐ —Crystalline</li><li>☐ —Argillaceous</li></ul>
Waste Form.	Equipment Development.
Barrier Materials.	☐ Instrumentation Development.
Design and Development:	Repository Seal Development:
□ —Design	□ —Design
□ —Testing	□ —Materials
Performance Evaluation:	□ —Field Tests
Modeling	Generic Repository Engineering:
□ —Demonstration Testing	□ —Design Studies and Optimization
□ —Natural Analogs	□ —Support Studies
SITE	□ —Value Engineering
☐ Siting Strategy.	Repository Conceptual Design:
☐ Site Criteria and Issues.	□ —Dome Salt
☐ Site Characterization Plans.	☐ —Bedded Salt
Earth Sciences:	
☐ —Geophysics	□ —Basalt
—Geochemistry	☐ —Crystalline
☐ —Transport Properties	☐ Performance Evaluation.
Geologic Characterization:	REGULATORY AND INSTITUTIONAL
□ —Generic Activities	☐ Regulatory Plans and Criteria.
✓ —Salt - Generic	☐ Licensing Applications.
□ -Salt - Salina	☐ NEPA Documents.
Salt - Paradox	☐ State Consultation.
	TEST FACILITIES AND EXCAVATIONS
—Sait - Permian  Zi —Sait - Gulf Coast Domes  Zi — Crystalling - Generic	Salt:
-Crystamine - Generic	D —Acquisition
<ul> <li>□ —Crystalline - Lake Superior</li> <li>□ —Crystalline - N. Appalachian</li> </ul>	□ —Design
☐ —Crystalline - S. Appalachian	□ —Construction/Development
□ —Argillaceous Rocks	□ —Operation/Maintenance
□ —Province Studies	Crystalline:
□ —National Screening	-Acquisition
☐ Hydrologic Characterization.	□ —Design
Environmental Characterization:	□ —Construction/Development
☐ —Generic Activities	□ —Operation/Maintenance
□ -Salt - Generic	□ Tuff.
□ -Salt - Salina	□ Basalt.
□ —Salt - Paradox	☐ Argillaceous.
□ —Salt - Permian	Support Facilities:
□ —Salt - Gulf Coast Domes	☐ —Surface
□ —Crystalline - Generic	□ —Underground
□ —Crystalline - Lake Superior	☐ Exploratory Shaft.
<ul><li>Crystalline - N. Appalachian</li></ul>	☐ Test and Evaluation Facility.
□ —Crystalline - S. Appalachian	Land Acquisition.



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MAIL STUP 6405 623-55
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20555
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Please explain why you need these reports 70 5747 UBREAST
OF WASTE MGT ACTIVITIES

	GENERAL		SITÈ, Continued
	♥ Program Plans and Criteria.  Quarter: Technical Reports.		<ul><li>□ —Argillaceous Rocks</li><li>□ —Province Screening</li><li>□ —National Screening</li></ul>
	SYSTEMS		☐ Socioeconomic Evaluation/Assessment
	동-Systems Analysis.		☐ Performance Evaluation.
	<b>り</b> ,Systems Engineering.  Gocioeconomic Assessment.		REPOSITORY
	Alternate Disposal Concepts:		∯ Repository Plans.
	世 —General		E Reference Repository Conditions.
	<b>Ş</b> —Space		Repository Data Base Development:
	—Very Deep Hole		₩ —Generic
	Performance Assessment.		Ø —Sait
	International Cooperation.		□ —Tuff □ □ —Basalt
	WASTE PACKAGE .		G —Crystalline
	Waste Package Plans and Criteria.		—Argillaceous
	- 学 Waste Form.		☆ Equipment Development.
	Barrier Materials.		2 Instrumentation Development.
	Design and Development:		Repository Seal Development:
	— Design — Testing		Ø —Design ☑ —Materials
Ę	Performance Evaluation:		─Field Tests
Ç	<b>⇔</b> —Modeling	•	Generic Repository Engineering:
			☑ —Design Studies and Optimization
			□ —Support Studies
	SITE		- XI —Value Engineering
	☐ Siting Strategy.		Repository Conceptual Design:
	☐ Site Criteria and Issues.		Q —Bedded Salt
	☐ Site Characterization Plans.		7 —Tuff
	Earth Sciences:	•	₽Basalt
	☐ —Geophysics ☐ —Geochemistry		—Crystalline
	⊈ —Transport Properties		Performance Evaluation.
	Geologic Characterization:		REGULATORY AND INSTITUTIONAL
	☐ —Generic Activities		☐ Regulatory Plans and Criteria.
	☐ —Salt - Generic		☐ Licensing Applications.
	☐ —Salt - Salina		□ NEPA Documents.
	☐ —Salt - Paradox		☐ State Consultation.
	<ul><li>□ —Salt - Permian</li><li>□ —Salt - Gulf Coast Domes</li></ul>		TEST FACILITIES AND EXCAVATIONS
	☐ —Crystalline - Generic		Salt:
	□ —Crystalline - Lake Superior		□ —Acquisition
	☐ —Crystalline - N. Appalachian		□ —Design
	—Crystalline - S. Appalachian		□ —Construction/Development
	<ul><li>☐ —Argillaceous Rocks</li><li>☐ —Province Studies</li></ul>	_	☐ —Operation/Maintenance Crystalline:
	☐ —National Screening	C)	□ —Acquisition
	☐ Hydrologic Characterization.		□ —Design
	Environmental Characterization:		□ —Construction/Development
	□ —Generic Activities	•	☐ —Operation/Maintenance
	☐ —Salt - Generic	•	□ Tuff.
	☐ —Salt - Salina		<ul><li>☐ Basalt.</li><li>☐ Argillaceous.</li></ul>
	<ul><li>□ —Salt - Paradox</li><li>□ —Salt - Permian</li></ul>		Support Facilities:
	☐ —Salt - Gulf Coast Domes		€X —Surface
	☐ —Crystalline - Generic		⇔ —Underground
	□ —Crystalline - Lake Superior		Exploratory Shaft.
	☐ —Crystalline - N. Appalachian		一 Test and Evaluation Facility.
	□ —Crystalline - S. Appalachian		Land Acquisition.



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	GENERAL .			SITE, Continued
	Program Plans and Criteria.			□ -Argillaceous Rocks
	☐ Quarter: / Technical Reports.			□ —Province Screening
	SYSTEMS			□ —National Screening
	Systems Analysis.			☐ Socioeconomic Evaluation/Assessment
	Systems Engineering.			□ Performance Evaluation.
	☐ Socioeconomic Assessment.			REPOSITORY
	Alternate Disposal Concepts:			
	□ —General		•	<ul><li>☐ Repository Plans.</li><li>☐ Reference Repository Conditions.</li></ul>
	□ —Space			Repository Data Base Development:
	□ —Very Deep Hole			☐ —Generic
	Performance Assessment.			₩ —Salt .
	International Cooperation.			—Tuff
	WASTE PACKAGE			□ -Basalt
	·			☐ —Crystalline
	☐ Waste Package Plans and Criteria.			□ —Argillaceous
	☐ Waste Form.			☐ Equipment Development.
	□ Barrier Materials.			☐ instrumentation Development.
	Design and Development:			Repository Seal Development:
	□ —Design			□ —Design
_	☐ —Testing ∠ Performance Evaluation:			□ —Materials
ŧ	—Modeling			□ —Field Tests
	—Demonstration Testing	•		Generic Repository Engineering:
	—Natural Analogs			☐ —Design Studies and Optimization
	•			☐ —Support Studies
	SITE			□ —Value Engineering
	☐ Siting Strategy.			Repository Conceptual Design:
	X Site Criteria and Issues.			₩ —Dome Sait
	Site Characterization Plans.			麗 —Bedded Salt ロ —Tuff
	Earth Sciences:			☐ —Basalt
	☐ —Geophysics			□ —Crystalline
	☐ —Geochemistry			Performance Evaluation.
	□ —Transport Properties			•
	Geologic Characterization:			REGULATORY AND INSTITUTIONAL
	☐ —Generic Activities			Regulatory Plans and Criteria.
	<ul><li>□ —Salt - Generic</li><li>□ —Salt - Salina</li></ul>			☐ Licensing Applications.
	✓ —Sait - Sainia ✓ —Sait - Paradox			□ NEPA Documents.
	₩ —Salt - Permian			☐ State Consultation.
				TEST FACILITIES AND EXCAVATIONS
	☐ —Crystalline - Generic			Salt:
	☐ —Crystalline - Lake Superior			□ —Acquisition
	☐ —Crystalline - N. Appalachian			□ —Design
	□ —Crystalline - S. Appalachian			☐ —Construction/Development
	☐ —Argillaceous Rocks			☐ —Operation/Maintenance
	□ —Province Studies		4,1	Crystalline:
	□ —National Screening			□ —Acquisition
	X Hydrologic Characterization.			□ —Design
	Environmental Characterization:			□ —Construction/Development
	☐ —Generic Activities			☐ —Operation/Maintenance
	□ —Salt - Generic			☐ Tuff.
	☐ —Salt - Salina			D Basalt.
	☐ —Sait - Paradox			☐ Argillaceous.
	☐ —Salt - Permian	-		Support Facilities:
	☐ —Salt - Gulf Coast Domes			☐ —Surface
				□ —Underground □ Exploratory Sheft
	<ul><li>□ —Crystalline - Lake Superior</li><li>□ —Crystalline - N. Appalachian</li></ul>			☐ Exploratory Shaft. ☐ Test and Evaluation Facility.
	☐ —Crystalline - N. Appalachian			D Land Acquisition.
	— - Organismo - O. Appalacinan			- Luiu Avquisilloit.



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Address DIVISION OF WAFTE MGT (NMSS)  Mail STOP SS-623
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City/State/Zip WASHINGTON, D.C., 20555
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# This is an update JECHNICAL PROFILE SELECTION

	GENERAL		SITE, Continued
*	☐ Program Plans and Criteria. ☐ Quarter Technical Reports.		□ —Argillaceous Rocks □ —Province Screening
	SYSTEMS Analysis		<ul><li>□ —National Screening</li><li>□ Socioeconomic Evaluation/Assessmen</li></ul>
	Systems Analysis.  Systems Engineering.		☐ Performance Evaluation. REPOSITORY
	Socioeconomic Assessment. Alternate Disposal Concepts:		■ Repository Plans.
	<ul><li>☐ —General</li><li>☐ —Space</li></ul>		Reference Repository Conditions.  Repository Data Base Development:
	☐ —Very Deep Hole	,	<b>₽</b> —Generic
	<ul><li>Performance Assessment.</li><li>International Cooperation.</li></ul>		Ø —Salt □ —Tuff
	WASTE PACKAGE		<ul><li>□ —Basalt</li><li>□ —Crystalline</li></ul>
	<ul><li>☐ Waste Package Plans and Criteria.</li><li>☐ Waste Form.</li></ul>	<u>.</u>	□ -Argillaceous
	Barrier Meterials.	•	Equipment Development.  Instrumentation Development.
	' Design and Development: ▲ —Design		Repository Seal Development:  Design
	Z—Testing		—Materials
ŧ	<ul><li>i Performance Evaluation:</li><li>□ —Modeling</li></ul>		₩ —Field Tests Generic Repository Engineering:
	<ul><li>□ —Demonstration Testing</li><li>□ —Natural Analogs</li></ul>		—Design Studies and Optimization
	SITE		<ul><li>₩ —Support Studies</li><li>□ —Value Engineering</li></ul>
	☐ Siting Strategy.		Repository Conceptual Design:
,	☐ Site Criteria and Issues.☐ Site Characterization Plans.	•	₾ —Bedded Salt
	Earth Sciences:		□ —Tuff □ —Basalt
	<ul><li>□ —Geophysics</li><li>□ —Geochemistry</li></ul>		<ul><li>☐ —Crystalline</li><li>☐ Performance Evaluation.</li></ul>
	<ul><li>□ —Transport Properties</li><li>Geologic Characterization:</li></ul>		REGULATORY AND INSTITUTIONAL
	□ —Generic Activities		☐ Regulatory Plans and Criteria.
	<ul><li>□ —Salt - Generic</li><li>□ —Salt - Salina</li></ul>		☐ Licensing Applications. • ☐ NEPA Documents.
	<ul><li>□ —Salt - Paradox</li><li>□ —Salt - Permian</li></ul>		☐ State Consultation.
•	□ —Salt - Gulf Coast Domes		TEST FACILITIES AND EXCAVATIONS
	<ul><li>□ —Crystalline - Generic</li><li>□ —Crystalline - Lake Superior</li></ul>		Salt:  Market Salt:
	<ul><li>□ —Crystalline - N. Appalachian</li><li>□ —Crystalline - S. Appalachian</li></ul>		<ul><li>☑ —Design</li><li>☑ —Construction/Development</li></ul>
	□ —Argillaceous Rocks		☑ —Operation/Maintenance
	<ul><li>□ —Province Studies</li><li>□ —National Screening</li></ul>	*1	Crystalline: —Acquisition
•	<ul><li>Hydrologic Characterization.</li><li>Environmental Characterization:</li></ul>	1	<ul><li>D —Design</li><li>D —Construction/Development</li></ul>
	☐ —Generic Activities	(	□ —Operation/Maintenance
	□ -Salt - Generic □ -Salt - Salina		□ Tuff. □ Basalt.
	<ul><li>□ —Salt - Paradox</li><li>□ —Salt - Permian</li></ul>		☐ Argillaceous. Support Facilities:
	□ —Salt - Gulf Coast Domes		□ —Surface
	<ul><li>□ —Crystalline - Generic</li><li>□ —Crystalline - Lake Superior</li></ul>		☐ —Underground ☑ Exploratory Shaft.
	☐ —Crystalline - N. Appalachian ☐ —Crystalline - S. Appalachian		☑ Test and Evaluation Facility. ☐ Land Acquisition.
	→ Urystanine • S. Addalachian  — Crystanine • S. Addalachian		L Land Acquisition.



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	GENERAL ·		SITE, Continued
	☐ Program Plans and Criteria. ☐ Quarter 'Technical Reports. SYSTEMS		<ul> <li>□ —Argillaceous Rocks</li> <li>□ —Province Screening</li> <li>□ —National Screening</li> </ul>
	☐ Systems Analysis.		☐ Socioeconomic Evaluation/Assessment
	Systems Engineering.		☐ Performance Evaluation.
	☐ Socioeconomic Assessment.		REPOSITORY
	Alternate Disposal Concepts:  General Space Very Deep Hole		☐ Bepository Plans. ☐ Reference Repository Conditions. ☐ Repository Data Base Development:
	D_Performance Assessment.		□ —Generic □ —Salt
	International Cooperation.		□ —Tuff □ — Basalt
	WASTE PACKAGE		₩ —Crystalline
	☐ Waste Package Plans and Criteria.		□ —Argillaceous
	☐ Waste Form. ☐ Barrier Materials.	•	☐ Equipment Development.
	Design and Development:		☐ Instrumentation Development.
	□ —Design		Repository Seal Development:
	☐ —Testing		<ul><li>☐ —Design</li><li>☐ —Materials</li></ul>
•	Performance Evaluation:		□ —Field Tests
	□ —Modeling		Generic Repository Engineering:
	□ —Demonstration Testing		☐ —Design Studies and Optimization
	□ —Natural Analogs		□Support Studies
	SITE		□ —Value Engineering
	☐ Siting Strategy.		Repository Conceptual Design:
	☐ Site Criteria and Issues.		D/—Dome Salt
	☐ Site Characterization Plans.		☑ —Bedded Salt □ —Tuff
	Earth Sciences:		□ — Basalt
	☐ —Geophysics		₩ —Crystalline
	<ul><li>☐ —Geochemistry</li><li>☐ —Transport Properties</li></ul>		Performance Evaluation.
	Geologic Characterization:		REGULATORY AND INSTITUTIONAL
	□_—Generic Activities	,	
	☑ /-Salt - Generic		<ul><li>☐ Regulatory Plans and Criteria.</li><li>☐ Licensing Applications.</li></ul>
	☑ — Salt - Salina		☐ NEPA Documents.
	☐ —Salt - Paradox		☐ State Consultation.
	Salt - Permian -		TEST FACILITIES AND EXCAVATIONS
	☐ Salt - Gulf Coast Domes ☐ —Crystalline - Generic		
	☐ —Crystalline - Lake Superior		Salt: □ —Acquisition
	☐ —Crystalline - N. Appalachian		D — Design
	□ —Crystalline - S. Appalachian		□ Construction/Development
	□ —Argillaceous Rocks		□ —Operation/Maintenance
	□ —Province Studies	8,0	Crystalline:
	□ —National Screening		□ —Acquisition
	Hydrologic Characterization.		D—Design
	Environmental Characterization:  —Generic Activities		☐ —Construction/Development
	□ —Salt - Generic		<ul><li>□ —Operation/Maintenance</li><li>□ Tuff.</li></ul>
	□ —Salt - Salina	•	D Basalt.
	□ —Salt - Paradox		☐ Argillaceous.
	□ -Salt - Permian		Support Facilities:
	□ —Salt - Gulf Coast Domes		□ —Surface
	☐ —Crystalline - Generic		□ —Underground
	☐ —Crystalline - Lake Superior		☐ Exploratory Shaft.
	— Crystalline - N. Appalachian		☐ Test and Evaluation Facility.
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