

**YUCCA
MOUNTAIN
PROJECT**

Studies

Yucca Mountain Site Characterization Office Searching The Yucca Mountain Project Homepage

**Presented to
Licensing Support Network Advisory
Review Panel (LSNARP)**

**Presented by
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Office of Licensing and Regulatory Compliance**



**U.S. Department of Energy
Office of Civilian Radioactive
Waste Management**

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Internet Access to Documents

- ' To support the Viability Assessment and release of the DEIS. . .**
 - 260 documents placed on Internet
 - Thousands of documents listed as references
 - Formats include HTML, PDF, and TIF images
- ' Arranged by product**
 - DEIS, VA, etc.
- ' Reference or supporting documents subordinate to major documents**



The Yucca Mountain Project

Non-Java version

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The U.S. Department of Energy is studying Yucca Mountain, Nevada, to determine if it's a suitable place to build a geologic repository for the nation's commercial and defense spent nuclear fuel and high-level radioactive waste.

[Click here to find topic of your choice](#)

● What's New on the Web site

1. [Monitored Geologic Repository Requirements Document](#)
2. [Nuclear Waste Policy Act and Amendments Fact Sheet](#)
3. [Yucca Mountain Progress Report #19](#)
4. [Technical Documents Index](#)
5. [Draft Environmental Impact Statement for a Geologic Repository](#)
6. [Contract Recompetition](#)

Thank you to everyone who provided feedback about our Web site. We had an excellent response and will be posting the results soon.

Use of this system constitutes consent to security monitoring and testing. All activity is logged with your host name and IP address.

North Pad of Yucca Mountain



- Solving an environmental challenge
- Using sound science and engineering
- Meeting our nation's nuclear non-proliferation goals

[Disclaimer](#)

Concept resulted in. . .

- ' User must use a variety of ways to get to documents**
- ' Searcher must know what to look for by specific terms/products**
- ' User must “drill down” to reference documents and other addendum**
- ' Time consuming to provide needed hyperlinks**
- ' “Insider” terms dominate the logic**



Technical
documents

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TECHNICAL LIBRARY

In this section you will find reference materials with increasing levels of complexity that will enhance your understanding of the work being done by the U.S. Department of Energy in Nevada.

Select Project operations to read brief overviews that describe what the Project is doing, how we go about it, and the skills and knowledge needed to accomplish the work. Each description is named for the function it provides or the focus of its efforts. Within each description are links to more detailed documents or related documents and explanations.

The Technical documents are longer descriptions of specific, completed research or reports documenting our progress.

New View the Technical Documents Index to see a complete listing of technical documents on this Web site.

The Project databases - indices allow you to seek specific data from our research or information in our databases.

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Enter key word(s) for your simple search

Use ☒ any word ☐ all words ☐ as a phrase[search](#)[Internet Search](#) . [Advanced Search](#) . [Help](#)[Previous Page](#)[Home](#)[Site Map](#)[Contact OCRWM](#)[Help](#)

Planned improvements. . .

' Provide a 3-part process to improve the search tools for this database

- Provide an alphabetical listing of all documents
- Sort the documents by the Topical Guidelines
- Prepare an index for searcher's use in finding terms and related documents

Step 1 - The Alpha Listing

Completed and on line

- Quick access, jumps to any letter of the alphabet
- New documents will be added to this listing as they are published on the Web Page



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Technical Library

Technical Documents Index

Below is a complete listing of all the technical documents you will find on this Web site. We suggest you bookmark or add this page to your favorites for easier access.

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [G](#) | [H](#) | [I](#) | [J](#) | [K](#) | [L](#) | [M](#) | [N](#) | [O](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [X](#) | [Y](#) | [Z](#)

A

- [Ages and Origins of Subsurface Secondary Minerals in the Exploratory Studies Facility \(ESF\) Milestone Report 3GQH450M. Denver, Colorado: U.S. Geological Survey. MOL.19970324.0052.](#)
- [Air-Injection Field Tests to Determine the Effect of a Heat Cycle on the Permeability of Welded Tuff UCRL-ID-105163. Livermore, California: Lawrence Livermore National Laboratory. NNA.19910912.0001.](#)
- [Air-Injection Testing in Vertical Boreholes in Welded and Nonwelded Tuff, Yucca Mountain, Nevada Water-Resources Investigations Report USGS-WRIR-96-4262. Denver, Colorado: U.S. Geological Survey. MOL.19980310.0148.](#)
- [Application of the RIP \(Repository Integration Program\) to the Proposed Repository at Yucca Mountain: Conceptual Model and Input Data Set Redmond, Washington: Golder Associates. 235334.](#)
- [Analysis of the Total System Life Cycle Cost of the Civilian Radioactive Waste Management Program Preliminary draft. A00000000-00811-5708-00002, REV 00A. Vienna, Virginia: CRWMS M&O. HQO.19980901.0001.](#)
- [Analysis of the Total System Life Cycle Cost of the Civilian Radioactive Waste Management Program](#)

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B

- [Basis for the VA and TSLCC Cost Estimate Operational Waste Stream A00000000-01717-1701-00002, REV 00. Vienna, Virginia: CRWMS M&O. MOV.19980622.0021.](#)
- [Bedrock Geologic Map of the Yucca Mountain Area, Nye County,](#)

Step 2 - Sort by Topical Guidelines

- **First attempt completed in August by degreed Librarians**
- **Very difficult to sort into logical categories that match the TG**
- **Will be added to the Web Page next month**

Step 3 - Index the Documents

- ' Still investigating approaches**
 - keywording
 - subject indexing
 - “back-of-the-book” indexing techniques
- ' Labor intensive effort**
- ' Needs interviews/testing with members of the public**

Concerns . . .

- ' Topical Guidelines may not be appropriate for sorting all documents**
- ' Inconsistent indexing**
- ' Costs of re-indexing**
- ' Computer security -- access across firewall**

Desired Results --

- ' Maximum options for searchers**
- ' User-friendliness**
- ' Ability to browse or search for specifics**
- ' No documents “buried” within the database, all readily available**

Plans

- ' **Release key products supporting Site Recommendation on YMP Homepage**
- ' **Continue to hyperlink from documents to reference materials**
- ' **Release SR product and all (DOE) referenced documents**
- ' **Provide alternative tools for reviewing referenced materials**
- ' **Continue process for potential License Application**

SR Products & Reference List

1.a
b
c

2.

3.

4.

Supporting Documents

Search Tools
alphabetic lists
topics based on YMP/TGD
key words