

Use of Licensing Support Network (LSN) in Preparing for the HLW Licensing Proceedings

Dan Graser Licensing Support Network Administrator



Licensing Support Network Overview

- Part of NRC's Rules of Practice
- Portal Software Connects Document Collections
- Single Location Search Interface
- Available via Internet
- Standard Web Browsers
- Operational October 2001



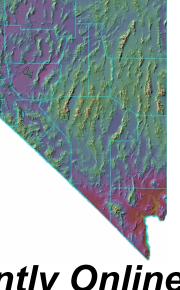
Who's Currently Involved

NRC Operates Central LSN Search Site
 Participants Maintain Their File Collection

Parties & Potential Parties:

- State of Nevada
- Affected Units of Local Government
- Tribal Interests
- Nevada Nuclear Waste Task Force
- U.S. Nuclear Regulatory Commission
- ✓ U.S. Department of Energy
- Nuclear Industry

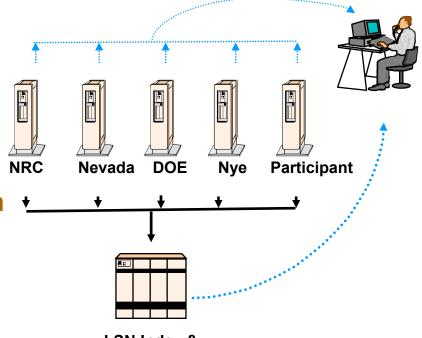
Over 750,000 Documents Currently Online





LSN: First Step In the Process

- WHAT: Use LSN to Find & Identify Information
- HOW:
 - Internet Access Identifies No Where Official Version Can be Acquired
- *WHO:*
 - Parties to Licensing Proceeding (Priority User) The Public (Public User)
- WHEN:
 - **Starting October 2001 then Throughout Hearing**



LSN Index & Centralized Portal



Availability

- LSN Primary Mission - Support Scientific & Legal Teams of the Parties to the Proceeding
- Distinguishes Between Priority Users and Public
 - To Ensure Participant Access During Peak Usage
- Participants Can Obtain Priority User IDs
 - Save Searches
 - Identify Recently Added Items
- Public May Lose Ability to Search via LSN
 - Alternates are DOE Site Search Engine and NRC's PARS



What is the Challenge?

Information is Out There

- 2 Million Documents 25 Million Pages
- Homogenous Collection
- Haven't Time to Read it All
 - May Not <u>Want</u> to Read it All

But - -

- Need to Identify and Acquire Documentary Materials to Support Issues/Contentions
- Want to Have the Facts
- Know Which Issues Concern You



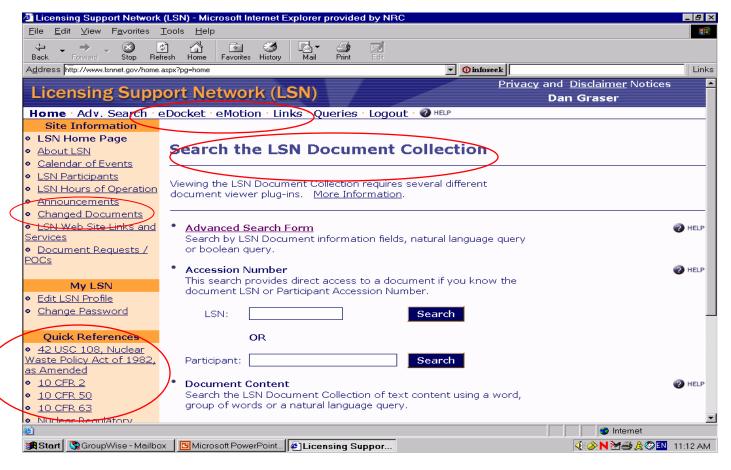
Where the LSN Fits in the Process

- Search Look for Information
- Identify What It is & Who is the Owner
- Acquire For Document-based Items An Image is Needed for a Submission
- Organize Collect Documents In Electronic Format
- Submit Pre-filed Materials to Electronic Hearing Docket (EHD) via Electronic Information Exchange (EIE)
- Present Digital Documents at Hearing via Digital Data Management System (DDMS)



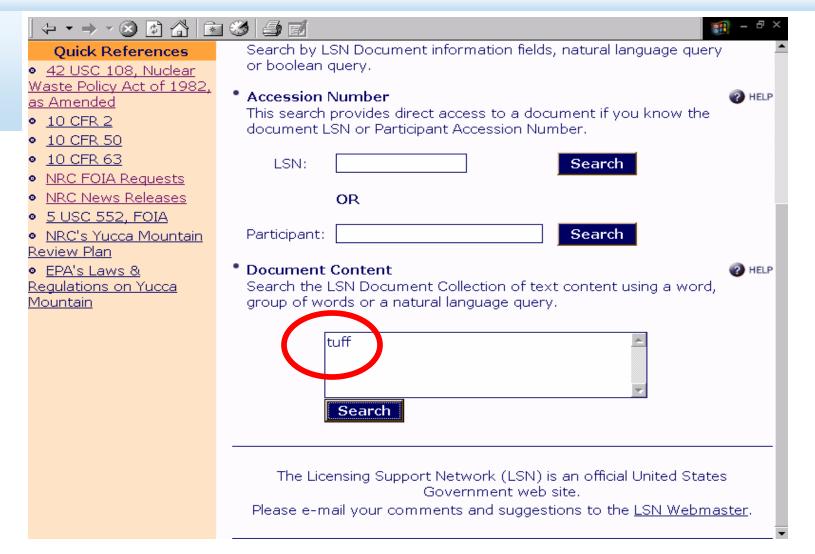
What is a Portal?

A Portal is a Gateway to Like Kinds of Information of Interest to A Community of Users





Search: A Google-Like Simple Search





... Will Result in This





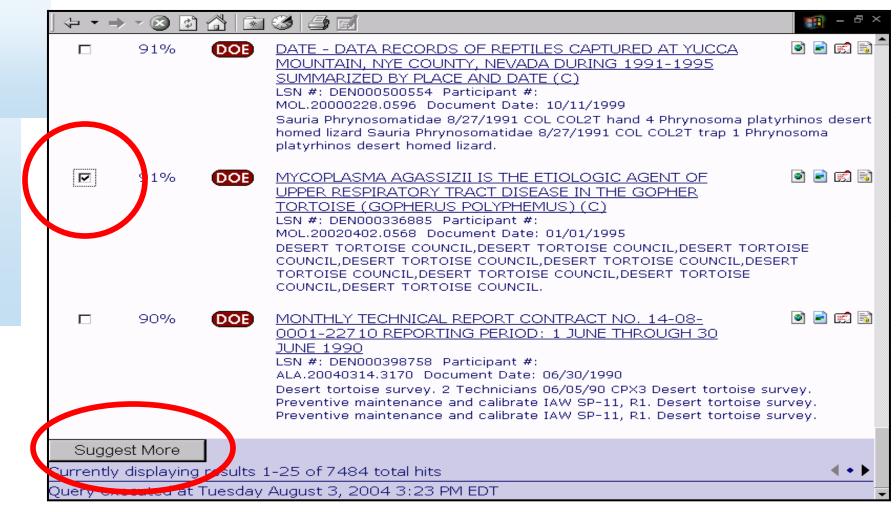
Using Advanced Search

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Number:			3
Type:	Report		0
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Related Record In	formation		
Number:			0
Code:			0
Accession Number	rs		
LSN:			0
Participant:			0
Information Source	es		0
🗆 Chur	chill County, NV	🗆 Clark County, NV	
🗆 U.S. 1	Department of Energy	🗆 Eureka County, NV	
	In County, NV	🗆 Lander County, NV	
	al County, NV	🗆 Nuclear Energy Institute	
	ar Regulatory Commission e Pine County, NV	🗆 Nye County, NV	

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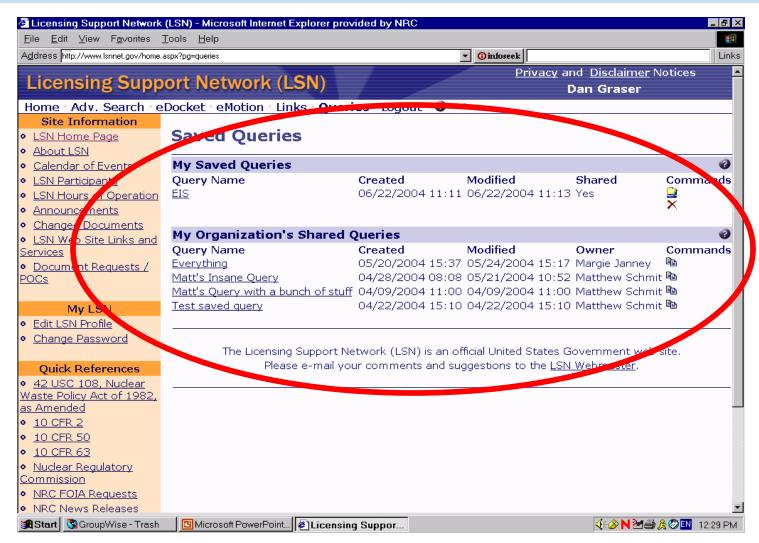


Search Using Suggest More





Search Via Saved Queries



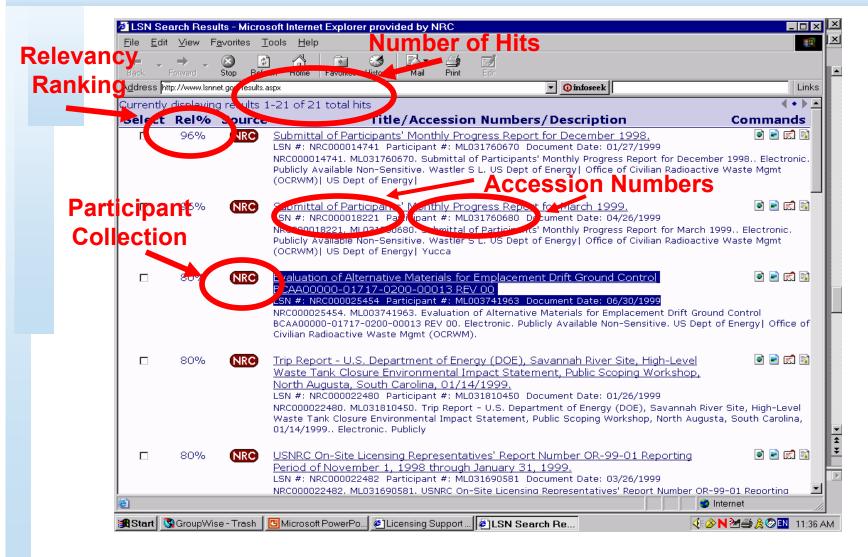


Search Results

			g results	1-25 of 25336 total hits	
	Select	Rel%	Source	e Title/Accession Numbers/Description	Commands
Intelliç	⊐ jent Sun	^{97%} nmary		FINAL REPORT - A SUMMARY AND DISCUSSION OF HYDROLOGIC DATA FROM THE CALICO HILLS NONWELDED HYDROGEOLOGIC UNIT AT YUCCA MOUNTAIN, NEVADA LSN #: DEN000700771 Participant #: NNA.19921116.0001 Document Date: 01/01/1993 Zeohtized tuff all - Vitnc tuff Basal vitmphyre 12, E Ln C+ W N No tests were conducted in vitric tuffs. Evaluate whether partial weld significant effects on hydrologic processes relative to those in non	ing in tuffs has
		97%		STRATIGRAPHIC AND VOLCANO-TECTONIC RELATIONS OF CRATER FLAT TUFF AND SOME OLDER VOLCANIC UNITS, NYE COUNTY, NEVADA LSN #: DEN000689430 Participant #: NNA.19870518.0075 Document Date: 01/01/1984 This unit is here informally designated as the tuff of Yucca Flat. Al may he genetically related to the Crater Flat Tuff. Certain significa features of these older tuffs are noteworthy.	
Γ.		97%	DOB	STRATIGRAPHIC AND STRUCTURAL CHARACTERISTICS OF VOLCANIC ROCKS IN CORE HOLE USW G-4, YUCCA MOUNTAIN, NYE COUNTY, NEVADA LSN #: DEN000688165 Participant #: NNA.19890804.0012 Document Date: 01/01/1984 Yucca Mountain Member, bedded tuff, and Pah Canyon Member. 12 Major stratigraphic units include the Paintbrush Tuff, tuffaceous be and Crater Flat Tuff. The major constituent of these tuffs is vitric	eds of Calico Hills, 👘
		97%	DOE	RESULTS AND INTERPRETATION OF PRELIMINARY AQUIFER TESTS IN BOREHOLES UE-25C #1, UE-25C #2, AND UE- 25C #3, YUCCA MOUNTAIN, NYE COUNTY, NEVADA -	 Image: Image: Ima
				Select to View Header, Text, Ima	age



Interpret Search Results to Identify Documents





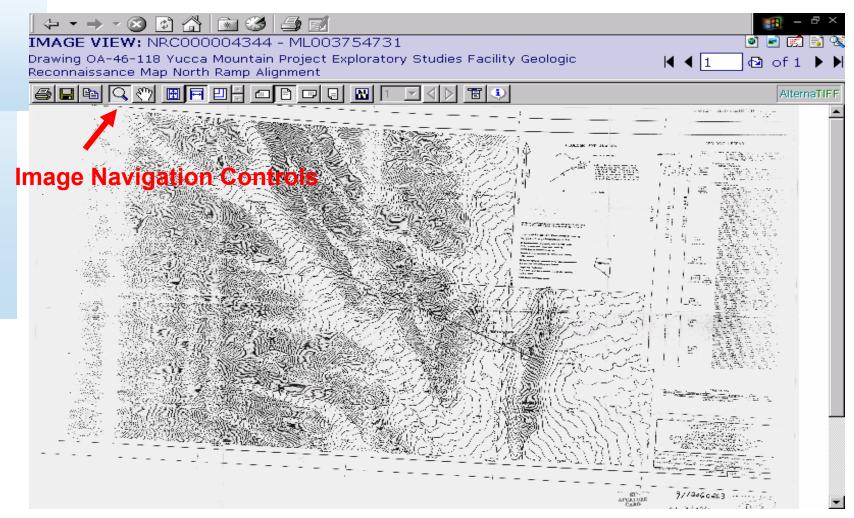
Using Information Found in Header

Back Forward Stop Refr			
	w.aspx?mode=3&lsn=NRC000025454⁣=1&sm=0≻=1&sm=0		
HEADER VIEW: NRC00002	25454 - ML003741963		
Evaluation of Alternative Mater	ials for Emplacement Drift Ground Control BCAA00000-01717-0200-00013 REV 00		
LSN Accession #	NRC000025454		
Information Source	NRC		
Participant Accession			
Title	Evaluation of Alternative Materials for Emplacement Drift Ground Control BCAA00000-01717-0200-		
ille	00013 REV 00 Version Info		
Document Date			
Comments			
Non-Digital Media	Electronic		
QA Record Indicator	Size of Document		
# Of Images	33		
Descriptors	NRC000025454		
Access Controls			
Addressee Names			
Addressee Orgs			
Author Names	McKenzie D G, Nolting R, Tang D, Thiers G R		
Author Orgs	US Dept of Energy Office of Civilian Radioactive Waste Mgmt (OCRWM)		
Document Numbers	BCAA00000-01717-0200-00013 Rev 00		
Document Types	Report, Technical		
Packages Ids			
Related Record #s			
Related Record Codes			
Traceabilities			
Versions			

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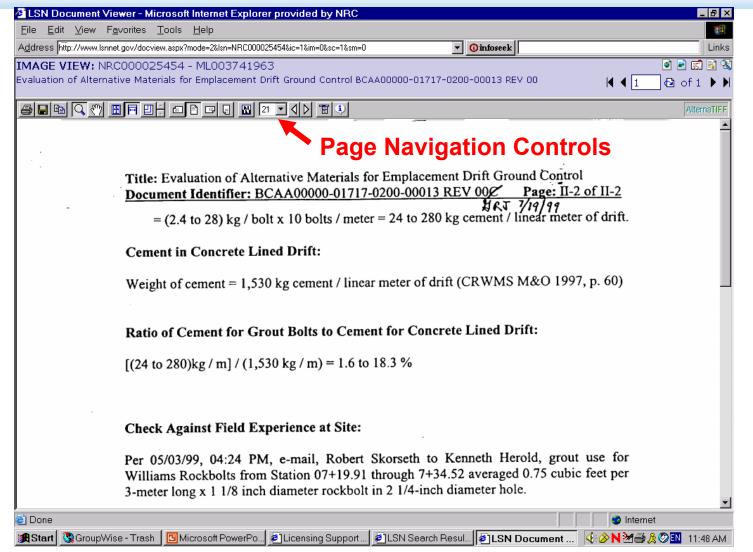


Acquiring an NRC Image





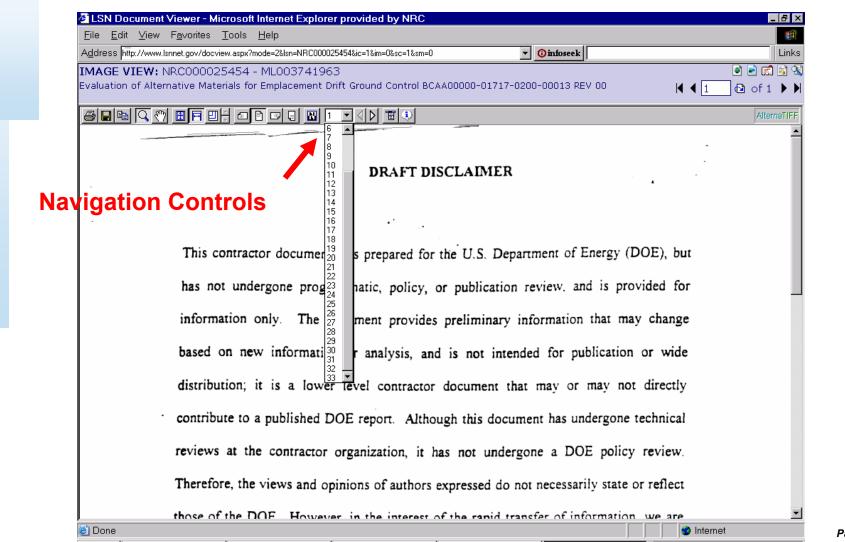
NRC Image File Navigation



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Acquiring a DOE Image



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Documents with No Text or Image (NRC)

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Address http://www.tamet.gov/home.a NRC FOIA Guide NRC News Releases 5 USC 552, FOIA NRC's Yucca Mountain Review Plan • EPA's Laws & Regulations on Yucca Mountain	Mineral County, NV Nuclear Energy Institute Nuclear Regulatory Commission Nye U.S. Department of Energy White Pine County, NV	400, 1776 I St. NW Washington, DC 20006 Phn: (202) 739-8082 Fax: (202) 484-8194 rxm@nei.org NRC Public Document Room 1-800-397-4209 or 301- 415-4737; TDD (for the hearing impaired): 1-800- 635-4512 Washington, DC 20555 Phn: () - PDR@NRC.GOV Harry Leake f1551 Hillshire Drive, Suite A Las Vegas, NV 89134 Phn: (702) 794-1457 Fax: (702) 562-6584 harry_leake@ymp.gov	400, 1776 I Št. NW Washington, DC 20006 Phn: (202) 739-8186 Fax: () - helpdesk@nei.org NRC Public Document Room Telephone: 1-800-397-4209 or 301-415-4737; TDD (for	Suite 400, 1776 1 St. NW Washington, DC 20006 Phm: (202) 739-8082 Fax: (202) 484-8194 rxm@nei.org High Level Waste Business and Program Integration Staff US Nuclear Decidion Washington, DC 20555 Phm: (301) 415-7780 N/A Harry Leake 1551 Hillshire Drive, Suite A Las Vegas, NV 89134 Phm: (702) 752-6584 harry_leake@ymp.gov	Use the Participant Accession Number to Request from Participant Point of Contact
ど Done 😹 Start 🕅 GroupWise - Mailbox	x	werPoint		Internet	08/26/04 Page 5-20



Using Header Information to Organize

LSN Accession #	DEN000693940
Information Source	DEN
Participant Accession #	MOL.19981014.0309
Title	EFFICACY OF RELOCATING DESERT TORTOISES FOR THE YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT B00000000-01717- 5705-00032 REV 00 (C)
Document Date	08/20/1998
Comments	
Non-Digital Media	Use Bibliographic Elements
QA Record Indicator	
# Of Images	To Help Organize Downloaded
Descriptors	DEN000693940 Documents of Interest
Access Controls	PUB
Addressee Names	
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Author Names 🛛 🖊 🥌	HARKIS MW,LEDERLE PE,RAKESTRAW DL,RAUTENSTRAUCH KR
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Document Numbers	EIS-AR-ID-REF-00701,B0000000-01717-5705-00032
Document Types	REPORT
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Track Changed Documents

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	EDocket · eMotion · Links · Login · LSN Changed Documents Reported within the past: day Select Information Source:
Quick References• 42 USC 108, NuclearWaste Policy Act of 1982,as Amended• 10 CFR 2• 10 CFR 50• 10 CFR 63	Generate Report The Licensing Support Network (LSN) is an official United States Government web site. Please e-mail your comments and suggestions to the <u>LSN Webmaster</u> .
 NRC FOIA Requests NRC News Releases 5 USC 552, FOIA NRC's Yucca Mountain Review Plan EPA's Laws & 	
<u>Regulations on Yucca</u> Mountain	

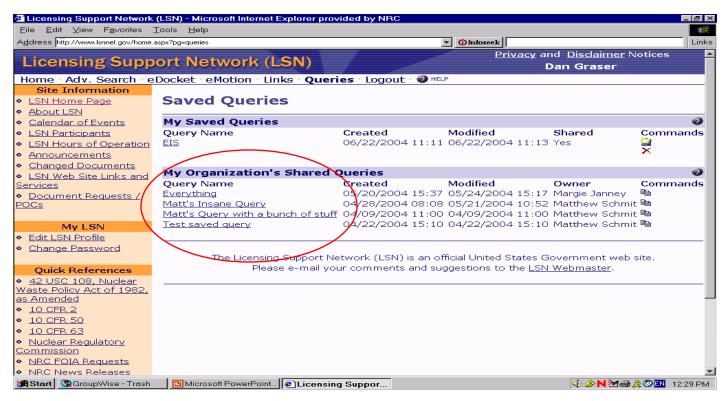


Organize: Changed Documents Results Screen





Organize via Saved Queries



No Limit on the Number of Topics Or Subjects Used to Organize



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Organize: Links for Research

HELP

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Privacy and Disclaimer Notices

Licensing Support Network (LSN)

Home · Adv. Search · eDocket · eMotion · Links · Login · Site Information LSN Links LSN Home Page About LSN LSN Advisory Review Panel Calendar of Events U.S. Department of Energy, Office of Civilian Radioactive Waste LSN Participants Management LSN Hours of Operation NUS Environmental Protection Agency, Yucca Mountain Announcements U.S. Nuclear Regulatory Commission Changed Desuments U.S. Nuclear Waste Technical Review Board State of Nevada, Nuclear Waste Project Office **Ouick References** Churchill County, Nevada, the Yucca Mountain Project 42 USC 108, Nuclear Clark County, Nevada, Nuclear Waste Program Waste Policy Act of 1983 Esmeralda County, Nevada as Amended Eureka County, Nevada, Nuclear Waste Page 10 CFR 2 Invo County, California, Yucca Mountain Repository Assessment Office 10 CFR 50 Lander County, Nevada Lincoln County, Nevada, Repository Oversite 10 CFR 63 Mineral County, Nevada NRC FOIA Requests Nye County, Nevada, Nuclear Waste Repository Project Office NRC News Releases White Pine County, Nevada 5 USC 552, FOIA National Congress of American Indians, Nuclear Waste Program NRC's Yucca Mountain Nuclear Energy Institute, Nuclear Waste Disposal <u>Review Plan</u> Nevada Nuclear Waste Tusk Force EPA's Laws & Regulations on Yucca **Other Federal Web Sites**



Submit: Link to Electronic Information Exchange (EIE)

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Site Information

LSN Home Page

- <u>About LSN</u>
- <u>Calendar of Events</u>
- LSN Participants
- LSN Hours of Operation
- Announcements
- Changed Documents

Quick References

- <u>42 USC 108, Nuclear</u> <u>Waste Policy Act of 1982,</u> <u>as Amended</u>
- <u>10 CFR 2</u>
- <u>10 CFR 50</u>
- <u>10 CFR 63</u>
- NRC FOIA Requests
- <u>NRC News Releases</u>
- <u>5 USC 552, FOIA</u>
- <u>NRC's Yucca Mountain</u> <u>Review Plan</u>
- <u>EPA's Laws &</u>
 <u>Regulations on Yucca</u>
 Mountain

Electronic Motions

A motion is an application made to a presiding officer for the purpose of obtaining a ruling or order directing some act to be done in favor of the requesting party.

HELP

Privacy and Disclaimer Notices

All motions in the proceeding on the application for a license to receive and possess waste at a geologic repository operations area must be filed into the Electronic Hearing Docket (EHD), unless made orally on the record. Motions must be filed via NRC's Electronic Information Exchange (EIE) system, in accordance with 10 C.F.R. 2.1013(c).

To use the NRC's EIE system, follow this link.

The Licensing Support Network (LSN) is an official United States Government web site.

Please e-mail your comments and suggestions to the LSN Webmaster.



Submit: Link to Electronic Hearing Docket (EHD)

Privacy and Disclaimer Notices

Licensing Support Network (LSN)

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- <u>10 CFR 2</u>
- <u>10 CFR 50</u>
- <u>10 CFR 63</u>
- NRC FOIA Requests
- NRC News Releases
- <u>5 USC 552, FOIA</u>
- <u>NRC's Yucca Mountain</u> <u>Review Plan</u>

 <u>EPA's Laws &</u> <u>Regulations on Yucca</u> Mountain

Liectronic Docket

A docket is the information collection that constitutes the formal record of a case in a court or administrative agency, from its inception to its conclusion. The NRC's electronic docket is the electronic information system that receives, distributes, stores, and retrieves the Commission's docket materials. The Electronic Hearing Docket (EHD) for the high-level waste repository licensing proceedings resides in the NRC's Agencywide Document Access and Management System (ADAMS).

The docket of the proceeding on the application for a license to receive and possess waste at a geologic repository operations area contains the official record materials in searchable full text or, for material that is not suitable for entry in searchable full text, by header and image, as appropriate.

Items in the EHD for the high-level waste repository licensing proceedings include:

- the U.S. Department of Energy's (DOE) license application;
- list and copies of all exhibits;
- transcripts (official copy of the record of proceeding during the hearing);
- party pleadings (documents in which parties or their lawyers "plead" their case/viewpoints/arguments on anything in dispute);
- presiding officer issuances (rulings on procedural matters (setting)



What Help is Available?

Address http://www.lsnnet.gov/home.as	:px?pg=help	▼ ③infoseek	Disting a
Licensing Supp	ort Network (LSN)	<u>Privacy</u> and <u>Disclaim</u> Dan Graser	
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Help Navigation • LSN Help Home Page	Licensing Support Network		
Lessons Login/Logout Navigating Around the LSN Searching Topics	section has been broken into topical areas (see lini concise as possible with available links within each information. In addition, some of these web page particular function works (e.g., advanced search).	elp section. To assist you in finding your help area of i ks on the left side of this page). The help pages have page (where applicable) to allow you to obtain more d s use examples (e.g., screen shots) as an aid to unders If you are unable to find the help you are looking for or m, please use the "comments and suggestions" e-mail	been written as etailed standing how a r have a
 <u>General Search</u> <u>Advanced Search</u> <u>Field Search</u> <u>Content Search</u> 		Veb portal has been developed to make documentary n ties, potential parties, and interested governmental par ph-level nuclear waste at a geologic repository.	
Saved Queries Search Results Miscellaneous Topics	proceeding include, but are not limited to, The Dep-	have been made available by parties to the proceeding artment of Energy (DOE), The Nuclear Regulatory Comm m a query, the "Source" is identified by a three letter co	nission (NRC), and
 FAQ File Viewers (plug-ins) Other Downloads 	Because the LSN provides access to information fro some require special viewers. Please see the <u>File V</u>	om multiple sources, there are multiple formats for the d <u>viewers (plug-ins)</u> help page for more information.	ocuments and
	For additional help sources you might try:		
	 The LSN Web Based Lessons Consult with an LSN "expert" within your org 	ganization	
pic Walk-Through	S The Licensing Support Network (Please e-mail your comm	(LSN) is an official United States Government web site. nents and suggestions to the <u>LSN Webmaster</u> .	



Quick Help

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Licensing Support N	etwork (LSN)		d <u>Disclaimer</u> Notices Dan Graser
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Organization:		Leave both the "From" and "To" dates empty, indicating that you do	o 🖉 📃
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Number:		 date range. Enter only the "From" date, meaning 	🗌 🖉 Por
Code:		give me all documents with a date	0
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LSN:		date before or equal to the date	0
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Information Sources		documents to the date range specified'.	0
	Churchill County, NV	When entering dates, you must called the	
<u>ت</u> ا	U.S. Department of Energy	When entering dates, you must select the month from the drop-down list, type in the	
-	City of Las Vegas	day, and type in the four digit year.	



Where Can I Find - -

LSNA Guidelines	Priority User – About the LSN
Points of Contact to Obtain Documents	Priority User – Document Requests/POC
List of Documents That May Have Been Changed	Priority User – Changed Documents
Information on Changing ID or Password	Priority User – My LSN
Links to EIE & EHD	All Users – Tab Bar Beneath Banner
Privacy Policy & Disclaimers	All Users – Right Hand Corner of Banner



In Summary, LSN - -

Is A Single Well Organized Site

- Uses Powerful Retrieval Software
- Has Comprehensive Tools that Find and Identify
- Can Generate Focused Result Sets
- Overcomes Drawbacks of a Large, Homogenous Collection

Participants Are <u>Strongly</u> Encouraged to Schedule Training Sessions with LSN Staff to Gain Maximum Benefit



Point of Contact

Dan Graser U.S. Nuclear Regulatory Commission Mail Stop T3-F23 Washington, DC 20555-0001

(301)415-7401 djg2@nrc.gov