


# The Transportation Resource Exchange Center (T-REX) Virtual Library and Web Site



A virtual, searchable, online one-stop shop for information on the transport of radioactive waste at <http://www.trex-center.org/>

# Stakeholders and the Public Can Easily Log-On for Updated NRC Information



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## Transportation Resource Exchange Center

The Transportation Resource Exchange Center (T-REX) is a comprehensive Web site where you will find the answers to complex questions surrounding radioactive materials transportation. The T-REX Web site provides documents, databases, and links to the people, organizations, and programs that are involved in the transport of radioactive materials. In addition, the T-REX Center offers reference services and resource staff - Just call the toll-free number 1-877-287-TREX if you have a question.

**Current Newsbyte:** (for more news, go to [Headlines](#))

[NRC TO MEET WITH PACIFIC GAS & ELECTRIC TO DISCUSS DIABLO CANYON ISSUES](#), US Nuclear Regulatory Commission, Media Release

[Nuclear dump opponents smell victory](#), Green Left Weekly, AU

[Nuclear regulatory board plans July 27 meeting on Diablo Canyon](#), San Luis Obispo Tribune

[Ohio Wants U.S. to Freeze Nuclear Waste Removal](#), New York Times

[Roads bill adds level of secrecy: Small clause would keep nuclear waste routes private](#), Tri-Valley Herald

**NEW:** [Take our surveys so T-REX can better serve you.](#)

**NEW:** [SEARCH the Headlines](#) database of the stories in the T-REX Newsroom. Over 3,500 headlines from 2003-current are included in this database covering all facets of the transportation of radioactive materials process. Your keyword searches: Titles, Media Name (newspaper, TV station) and State.

**Featured Documents:**

[Yucca Mountain: Persistent Quality Assurance Problems Could Delay Repository Licensing and Operation](#)

Get the latest NRC and related news and documents


United States General Accounting Office  
Report to Congressional Requesters

GAO

April 2004

### YUCCA MOUNTAIN

Persistent Quality Assurance Problems Could Delay Repository Licensing and Operation



GAO  
Accountability • Integrity • Objectivity

# State Specific Information on RAM Transportation



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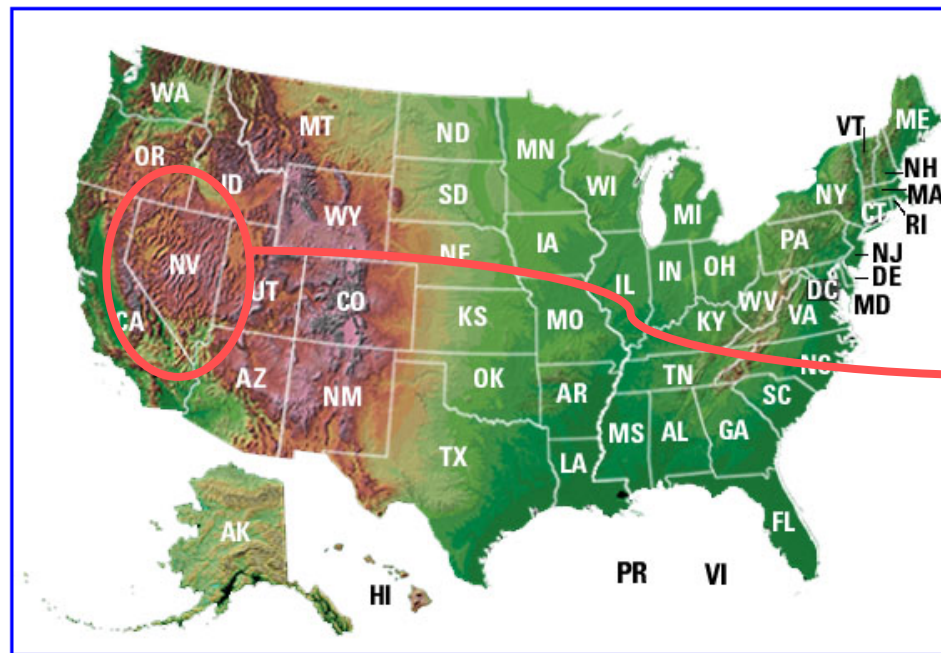
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## Your State Information



**Click on your state for detailed information on the transport of radioactive materials and spent nuclear fuel.**

Alabama  Go

Choose a state from the map or drop-down menu see:

- State fees charged for the transport of radioactive materials, with a link to the relevant state code. (under construction)
- Listing of state-designated routes (if any) from the US Department of Transportation's [Hazardous Material Route Register](#).



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## Nevada

### State Fees

Requires a \$500 permit fee plus \$150 per truck, plus actual cost for investigation

### State Designated Routes

No Routes Designated per the [National Hazardous Material Route Registry](#), 06/10/2004

### Low-Level Waste Compact

[Rocky Mountain Low-Level Radioactive Waste Compact](#)

### Yucca Mountain Project

- [US Department of Energy, Office of Civilian Radioactive Waste Management, Yucca Mountain Project](#)
- [US Nuclear Regulatory Commission, Yucca Mountain Project Guidance](#)
- [U.S. Environmental Protection Agency, Yucca Mountain Standards](#)

### State Agencies

- [Nevada Department of Human Resources Health Division Radiological Health Section](#)
- [Nevada Department of Public Safety Division of Emergency Management](#)
- [Nevada Department of Public Safety](#)
- [Nevada Department of Transportation](#)
- [Nevada Office of the Governor](#)
- [Nevada Public Utilities Commission](#)
- [Nevada State Emergency Response Team](#)
- [Nevada Homeland Security](#)

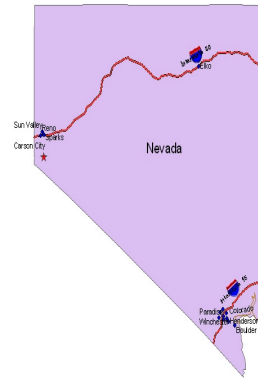
### State Tribal Contacts

- [Nevada Indian Commission](#)

### Recent State/Region News

- [New Concerns Over Nukes Transport Routes](#), KLAS-TV, Las Vegas, NV
- [DOE turns in its Yucca assignment. Nearly 6 million pages filed to NRC](#), Las Vegas Sun
- [YUCCA DOCUMENTS: DOE states discussions on Internet--Attorneys for state question whether agency has posted all findings as required by NRC](#), Las Vegas Review Journal
- [DOE to release Yucca documents: 5.6 million pages: Documents will be part of the permit application process](#), Reno Gazette Journal
- [Congress OKs massive theft of Native land](#), People's Weekly World

[Return to United States Map](#)



# The Public and Stakeholders Can Link to Current Information

**NRC information can be readily located.**

**Current state news headlines can be accessed here.**

# NRC Documents Located Through Searches



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## Search Tools for T-REX

### Documents, Organizations, People

#### **NEW: HEADLINES SEARCH**

The Headlines Search is a searchable index of the news stories in the T-REX Newsroom. Over 3,500 headlines from 2003-current are included in this database covering all facets of the transportation of radioactive materials process.

#### **T-REXDEX**

The Transportation Resource Exchange Center Index (T-REXDEX) is the searchable database of over 2,000 online documents in the T-REX Virtual Library.

#### **THE TRAM**

The online searchable database of the organizations, agencies and people that make up the many facets of the radioactive transportation process.

#### **SUBJECTS**

The transportation of radioactive material is a complex process. T-REX has broken this process into smaller subject categories. The Subjects overview page describes the information found on each specific SUBJECT page. Direct links to these pages are found in the footer area of each

Find News

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## In the News: Archives

T-REX Tip: Some sites retire their news articles after a short time, therefore some links may not be active. If you need an article that is listed but not available online, please [email](#) us.

### April 2004

#### April 30

[Thieves make](#)  
[NRC rejects](#)  
[NRC rejects](#)  
[YUCCA MOUNTAIN](#)  
[consult on preparing repository application](#)  
[Last Fernald](#)  
[Yucca Mountain](#)  
[GAO-04-460](#)  
[General Accounting Office](#)  
[More radioactive waste](#)  
[Yucca Mt. nuclear waste](#)  
[Cleaning up nuclear waste](#)  
[Oak Ridge](#)  
[Caliente, NV, Split Over Shipping Of Nuclear Waste](#)  
[KVBC-TV](#)  
[YUCCA MOUNTAIN: DOE hires for licensing: Ex-member of nuclear industry](#)  
[consult on preparing repository application](#)  
[Las Vegas Review-Journal](#)  
[DOE in town Monday to discuss YMP transportation issues](#)  
[Palmdale](#)  
[Gibbons wants YMP security details regarding shipments](#)  
[Palmdale](#)

#### April 26

[Cleaner Sellafiled?](#), Bulletin of the Atomic Scientists  
[Voice Opinion on Proposed Yucca Rail Plan](#), KLAS-TV, Las Vegas, NV  
[Carlsbad may be sister city to Nev. town](#), Carlsbad Current Argus, NM  
[DOE gives extra week to comment on Yucca Mountain rail plan](#), Reno Gazette Journal  
[Experts: Reprocess less nuclear fuel](#), Asahi Shimbun  
[NRC TO DISCUSS QUALITY OF YUCCA MOUNTAIN INFORMATION WITH DOE MAY 5 IN LAS VEGAS, No. 04-049](#), U.S. Nuclear Regulatory Commission, Media Release  
[Cleaning up nuclear waste](#), Oak Ridge

[Experts: Reprocess less nuclear fuel](#), Asahi Shimbun  
[NRC TO DISCUSS QUALITY OF YUCCA MOUNTAIN INFORMATION WITH DOE MAY 5 IN LAS VEGAS, No. 04-049](#), U.S. Nuclear Regulatory Commission, Media Release



# Link to News Headlines, Meeting Notices and Newly Published Reports

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**U.S. Nuclear Regulatory Commission**

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**NRC NEWS**  
U.S. NUCLEAR REGULATORY COMMISSION  
Office of Public Affairs Telephone: 301/415-9200  
Washington, DC 20555-0001 E-mail: [opa@nrc.gov](mailto:opa@nrc.gov)  
[www.nrc.gov](http://www.nrc.gov)

No. 04-049 April 26, 2004

**NRC TO DISCUSS QUALITY OF YUCCA MOUNTAIN INFORMATION WITH DOE MAY 5 IN LAS VEGAS**  
[Printable Version](#)

The Nuclear Regulatory Commission will meet with the Department of Energy May 5 in Las Vegas to discuss an NRC team evaluation report concerning the quality of certain DOE technical information that DOE is preparing to support its expected application for a license to build and operate a high-level radioactive waste repository at Yucca Mountain, Nevada.

The meeting will be held in the Embassy Suites Conference Center, Chancellor Ballroom, 3600 Paradise Road, Las Vegas, beginning at 8:30 a.m. (PDT). Following introductory comments from NRC staff and the meeting facilitator, the



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## T-REXDEX

The Transportation Resource Exchange Center Index (T-REXDEX) is a searchable index of the documents in the T-REX Virtual Library. Over 2,000 documents are included in this database covering all facets of the transportation of radioactive materials process.

All materials provided on-line through the T-REX Web site are non-copyright.

Your keyword searches Titles, Publishers (such as government agency), and Subjects. If your search result includes a document that is not hyper-linked, please [email](#) or call toll-free, 1-877-287-TREX (8739) for availability.

Enter your keyword  **Leaving "Blank" will return all documents.**

Order by  Title  Publication Year  Publisher  Subject

Results per page

#	Title	URL	Publisher	Year	Subject
1	Analysis of a Spent Fuel Transportation Cask Under Severe Fire Accident Conditions	<a href="#">PDF Document</a>	US Nuclear Regulatory Commission, Spent Fuel Project Office	2002	
2	Answer of Louisiana Energy Services, L. P. to the New Mexico Environment Department's Request for Hearing and Petition for Leave to Intervene	<a href="#">PDF Document</a>	US Nuclear Regulatory Commission	2004	
3	Assessment and Recommendations for Fissile-Material Packaging Exemptions and General Licenses Within 10 CFR Part 71	<a href="#">PDF Document</a>	US Nuclear Regulatory Commission, Office of Nuclear Material Safety and Safeguards, Spent Fuel Project Office	1998	
4	Best Practices To Establish and Maintain a Safety Conscious Work Environment, Request for Comments and Announcement of Public Meeting	<a href="#">Web Page</a>	US Nuclear Regulatory Commission	2004	
5	Biological Effects of Radiation	<a href="#">PDF Document</a>	US Nuclear Regulatory Commission	2000	
#	Title	URL	Publisher	Year	Subject

# Find Over 200 Pertinent NRC Documents



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## U.S. Nuclear Regulatory Commission

### What does the NRC do?

The [U. S. Nuclear Regulatory Commission's](#) primary mission is to protect the public health and safety, and the environment from the effects of radiation from nuclear reactors, materials, and waste facilities. The NRC also sees to it that nuclear materials are used in a manner that is consistent with the nation's responsibilities to provide for the common defense and security.

### Regulation

NRC's regulatory process which has five main components:

- (1) developing regulations and guidance for our applicants and licensees,
- (2) licensing or certifying applicants to use nuclear materials or operate nuclear facilities,
- (3) overseeing licensee operations and facilities to ensure that licensees comply with safety requirements,
- (4) evaluating operational experience at licensed facilities or involving licensed activities, and
- (5) conducting research, holding hearings to address the concerns of parties affected by agency decisions, and obtaining independent reviews to support our regulatory decisions.

### Organizational Structure

The NRC is headed by a five-member Commission. The Commissioners are appointed to 5-year terms by the President of the United States with confirmation by the Senate. The President then designates a Chairman. The NRC staff numbers approximately 3,000 with a budget of about \$500 million. Roughly two-thirds of the NRC employees work in the agency's headquarters in Rockville, Maryland. The remainder are located primarily in four regional



**Fine out how you can become involved in the public process**

**Learn about the NRC's regulations and structure.**





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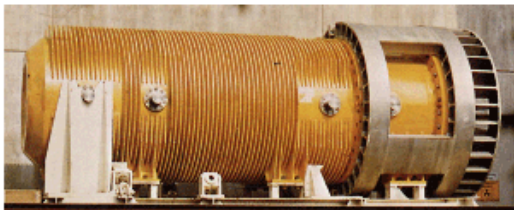
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## Spent Nuclear Fuel Transportation Casks



Source: Sandia National Laboratories

Search [Fact Sheets](#).

Search for related documents in the [T-REXDEX](#).

Search for related organizations and people search in the [TRAM](#).

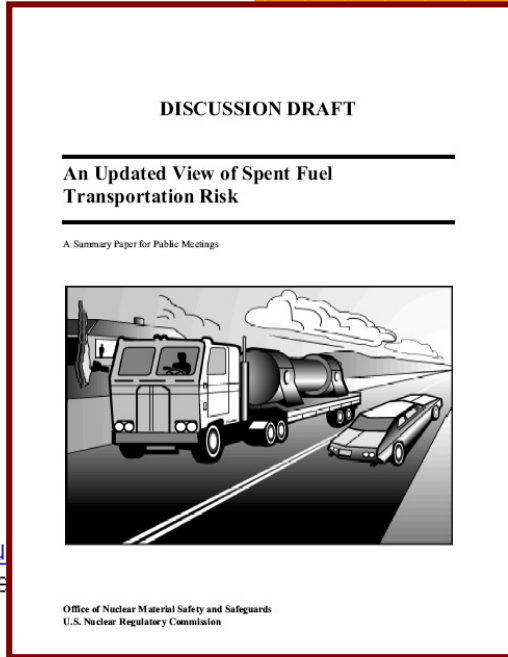
### Highlighted Documents:

[An Updated View of Spent Fuel Transportation Risk: A Summary Paper for Public Meetings](#), US Nuclear Regulatory Commission, Office of Nuclear Material Safety and Safeguards, 2002.

[Spent Nuclear Fuel Transportation](#), US Department of Energy

[Spent Nuclear Fuel Transportation Package Performance Study: Issues Report](#), Sandia National Laboratories, 2000

There are several approved types of truck and rail spent fuel casks approved to contain radioactive material. For photos and more information, please follow the links.



# NRC Documents, Facts, and Pictures Regarding the Transportation of Casks



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## Contact Information



**Transportation Resource Exchange Center**

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URL: <http://www.trex-center.org>

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ATR Institute

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University of New Mexico

Albuquerque, NM 87106

**The T-REX Center offers reference services and resource staff. Just call the toll-free number — 1-877-287-TREX if you have a question.**