



U.S. DEPARTMENT OF
ENERGY



**2014 Annual Meeting of the
National Transportation
Stakeholders Forum**

**Crowne Plaza Suites MSP Airport - Mall of America
Bloomington, Minnesota | May 13-15, 2014**

It is our pleasure to welcome you to the 2014 Annual Meeting of the U.S. Department of Energy's (DOE) National Transportation Stakeholders Forum (NTSF). We represent the NTSF Tribal Caucus and the Council of State Governments' Midwestern Radioactive Materials Transportation Committee, who are co-hosting this year's meeting. The NTSF Planning Committee – a team of state, tribal, DOE, and other federal agency representatives – worked collaboratively to plan this year's meeting, building upon the many suggestions we have heard from our attendees over the years. Planning this year's meeting was truly a group effort and we are very pleased with what we have assembled for everyone.

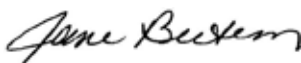
This meeting marks the fifth time DOE has gathered together representatives of the states and tribes that are affected by the Department's shipments of radioactive waste, including spent nuclear fuel. These annual meetings would not be possible without strong support from the Office of Packaging and Transportation and the Carlsbad Field Office, both within the DOE Office of Environmental Management, and the DOE Office of Nuclear Energy. NTSF Annual Meetings bring together DOE and its state and tribal partners from across the nation to learn from one another – to exchange information about specific shipping campaigns, discuss and refine developing plans and procedures, and identify emerging issues that have implications relating to the transportation of radioactive waste and material. We appreciate DOE's ongoing commitment to engaging its tribal and state partners in transportation planning through the NTSF, the state regional groups, and the Tribal Caucus.

While you're in Minnesota, you'll experience three days of dynamic programming – starting with meetings of the state and tribal organizations on May 13, continuing with a mix of plenary and breakout sessions on May 14-15, and concluding with a training session on May 15. The NTSF Annual Meetings are designed to be *working* meetings and include meetings of the five NTSF ad hoc working groups, addressing topics ranging from emergency response training to transportation-related security communications. One of our goals for this meeting is to give attendees an opportunity to forge and strengthen the relationships that are the underpinning of successful institutional interactions among DOE, states, and tribes. Toward that end, we have built into the agenda opportunities for enhanced networking before and after program sessions. We encourage you to take full advantage of everything this meeting has to offer.

We thank you for attending the 2014 Annual Meeting of the NTSF and we look forward to working with you in our future collaborations.



Richard Arnold
Pahrump Paiute Tribe – Nevada
NTSF Tribal Caucus



Jane Beetem
Missouri Department of Natural Resources
Midwestern Radioactive Materials Transportation Committee



Lake H. Barrett

Lake Barrett has worked in the areas of nuclear energy and nuclear materials management for over four decades, most recently as the former head of the U.S. Department of Energy's Office of Civilian Radioactive Waste Management (OCRWM). OCRWM was responsible for implementing the United States' programs for spent nuclear fuel and high-level radioactive waste, as mandated by the Nuclear Waste Policy Act. In that capacity, Mr. Barrett led the complex scientific Yucca Mountain Geologic Repository program through the statutory site-selection process, culminating with the Presidential site designation and successful House and Senate votes. Earlier in his career at OCRWM, he was the first director of OCRWM's Transportation and Systems Engineering Division. He retired from Federal service in 2002 and is now an independent consultant in the energy field.

Mr. Barrett also served at the U.S. Nuclear Regulatory Commission, where he was directly involved with the early response to the Three Mile Island reactor accident and became the Site Director, responsible for regulatory programs during the stabilization, recovery, and cleanup of the damaged reactor. Recently, he has briefed the U.S. Congress and others on the Fukushima reactor accident. He also has extensive managerial and engineering experience in DOE's Defense Programs and private industry at both Bechtel Power Corporation, with commercial nuclear power plants, and Electric Boat Division of General Dynamics, with nuclear reactor and submarine systems design, operation, and decommissioning. He has degrees in Mechanical and Nuclear Engineering and has been the recipient of various Presidential and Congressional honors.



MONDAY, MAY 12

4:00 - 5:00 pm*Executive Conference***NTSF Planning Committee Meeting***For members only***5:00 - 6:00 pm***Ballroom Foyer***Registration****TUESDAY, MAY 13**

7:30 am - 5:00 pm*Ballroom Foyer***Registration and Exhibit Setup****8:00 - 10:15 am***Orchard Ballroom***Program and Stakeholder Briefings****Moderator:** Jane Beetem, Missouri

Attendees will hear updates from representatives of various U.S. Department of Energy programs, other federal agencies, and the Commercial Vehicle Safety Alliance. The updates will focus on the past year's activities, with a preview of upcoming shipments and other initiatives of significance for the state and tribal members. Representatives of the regional groups and the tribal caucus will report on their activities.

- DOE-EM Office of Packaging and Transportation: Stephen O'Connor
- DOE Office of Nuclear Energy (DOE-NE): Jeff Williams
- TRANSCOM: Steve Casey, DOE Carlsbad
- National Nuclear Security Administration: Jeff Galan
- U.S. Nuclear Regulatory Commission: Deborah Jackson
- Commercial Vehicle Safety Alliance: Carlisle Smith
- NTSF Tribal Caucus: Richard Arnold, Pahrump Paiute Tribe – Nevada
- CSG Midwestern Radioactive Materials Transportation Committee: Lance Evans, Iowa Department of Transportation
- CSG Northeast High-Level Radioactive Waste Transportation Task Force: Rich Pinney, New Jersey Department of Environmental Protection
- Southern States Energy Board: Robert Reynolds, Jr., North Carolina State Highway Patrol
- Western Interstate Energy Board and WGA WIPP Transportation Technical Advisory Group: Ken Niles, Oregon Department of Energy



10:15 - 10:30 am	Break
10:30 am - 3:15 pm <i>Beacon/Duchess</i>	CSG Midwestern Radioactive Materials Transportation Committee Meeting
10:30 am - 3:15 pm <i>Taylor</i>	CSG/ERC Northeast High-Level Radioactive Waste Transportation Task Force Meeting
10:30 am - 3:15 pm <i>Empire</i>	Joint Meeting: WGA WIPP Transportation Advisory Group and WIEB High-Level Radioactive Waste Committee
10:30 am - 3:15 pm <i>Mcintosh</i>	Meeting of the SSEB Radioactive Materials Transportation Committees
10:30 am - 3:15 pm <i>Regent/Waldorf</i>	Tribal Caucus Annual Meeting
3:15 - 3:30 pm	Break
3:30 - 5:30 pm <i>Taylor</i>	Section 180(c) Implementation Ad Hoc Working Group Meeting <i>For ad hoc working group members and invited guests</i>
3:30 - 5:30 pm <i>Beacon/Duchess</i>	Security Communications Protocol Ad Hoc Working Group Meeting <i>For ad hoc working group members and invited guests</i>
3:30 - 5:30 pm <i>Mcintosh</i>	TEPP Training Ad Hoc Working Group <i>For ad hoc working group members and invited guests</i>
3:30 - 5:30 pm <i>Empire</i>	Transportation Plan Ad Hoc Working Group Meeting <i>For ad hoc working group members and invited guests</i>
6:00 - 7:30 pm <i>Orchard Ballroom</i>	Networking Reception

WEDNESDAY, MAY 14

7:15 - 8:15 am
Empire

Communications Working Group Meeting
For working group members and invited guests.
Breakfast will be served.

7:30 am - 5:00 pm
Ballroom Foyer

Registration

7:30 - 8:15 am
Beacon/Duchess

NTSF Newcomers Orientation
Attendees will learn about the NTSF – its members, DOE partners, and the ad hoc working groups that are working to resolve emerging issues related to DOE's transport of radioactive waste and materials. Participants will also learn about opportunities to stay engaged in NTSF activities.
Breakfast will be served.

7:30 - 8:15 am
Mcintosh

Breakfast and Networking

8:30 - 10:00 am
Orchard Ballroom

Opening Plenary

Moderator: Stephen O'Connor, DOE-EM Office of Packaging and Transportation

Welcome to the NTSF 2014 Annual Meeting

- Michael H. McCabe, Director, CSG Midwestern Office
- Richard Arnold, Pahrump Paiute Tribe – Nevada

Tribal Opening Prayer and Song

- Calvin Campbell, Prairie Island Indian Community of Minnesota
- Prairie Island Singers

Welcome to Minnesota

- Joe Kelly, Deputy Director, Minnesota Homeland Security and Emergency Management

Keynote Address

- Lake Barrett, former Deputy Director/Acting Director of the U.S. Department of Energy's Office of Civilian Radioactive Waste Management
Mr. Barrett will share his observations and insights on the past, present, and future of nuclear waste management and transportation.



10:00 - 10:15 am

Break

10:15 - 11:15 am
Orchard Ballroom

Plenary: Tribal Perspectives on Transportation and Emergency Response Activities

Moderator: Richard Arnold, Pahrump Paiute Tribe – Nevada

This session will begin with an overview of the Prairie Island Indian Community and Tribal perspectives relating to emergency response and tribal resources. Speakers will also address cultural ties to aboriginal land and treaty rights as they relate to emergency response, training, and preparedness, concluding with a look at cultural affiliation, jurisdictional issues, and transportation issues.

- Ronald Johnson, Prairie Island Indian Community of Minnesota
- Dan King, Oneida Nation of Wisconsin
- Rob Burnside, Confederated Tribes of the Umatilla Indian Reservation – Oregon
- Wes Jones, Shoshone-Bannock Tribes
- Neil Weber, San Ildefonso Pueblo – New Mexico

11:15 - 11:45 am
Orchard Ballroom

Plenary: Recovering the Waste Isolation Pilot Plant (WIPP)

During this session, a representative of DOE's Carlsbad Field Office will provide a briefing on the February 14 incident in the underground at WIPP, DOE's progress in determining the cause of the incident, and plans for moving through the recovery stage to the resumption of operations at the site.

- J.R. Stroble, DOE Carlsbad Field Office

11:45 am - 1:15 pm

Lunch (on your own)

1:15 - 3:15 pm

Breakout Sessions – Round 1

Beacon/Duchess/Regent

1. DOE Transportation Topics

Moderator: Stephen O'Connor, DOE-EM Office of Packaging and Transportation

Participants will learn about how DOE manages its shipments of radioactive waste and material, including lessons learned, and experiences in making thousands of safe and compliant shipments each year from DOE sites. The participants will be encouraged to share their experiences with the DOE presenters and provide feedback, insights, and opportunities for improvement.

- Scott Wade, Nevada National Security Site
- Dan Sullivan, West Valley Demonstration Project
- Jeff Shelton, Oak Ridge National Laboratory

Empire

2. The Interface Between Storage and Transportation

Moderator: David Pstrak, U.S. Nuclear Regulatory Commission

This session will begin with a look at the findings of the NWTRB's Technical Workshop on the Impacts of Dry-Storage Canister Designs on Future Handling, Storage, Transportation, and Geologic Disposal of Spent Nuclear Fuel, focusing on the practical implications for the nation's nuclear waste management program. A discussion of the NRC's Waste Confidence generic environmental impact statement will wrap up this session.

- Nigel Mote, U.S. Nuclear Waste Technical Review Board
- Bernard White, U.S. Nuclear Regulatory Commission
- David Pstrak, U.S. Nuclear Regulatory Commission
- Adam Levin, AHL Consulting

Fireside

3. Advances in Transportation Information Systems

Moderator: Steve Casey, DOE Carlsbad Field Office

This session will provide perspectives on a range of systems inclusive of smart sensors/indicators built into the tractors; remote tracking applications; improved routing analysis, automated alerts to changing conditions; etc. Attendees will benefit from the



interaction and exchange of ideas with the topical presenters, as well as considerations of how government and commercial organizations might make use of emerging technologies.

- Transportation Safety - Gaylon Fuller, CAST Transportation Specialties, and Randahl Mills, Visionary Solutions
- Web-TRAGIS - Mark Tuttle, Oak Ridge National Laboratory
- TRANSCOM - Sharon Taylor, MaChis, LCITE
- Transportation Security - Paul Singley, GTRI - Oak Ridge

Cortland

4. Enhancements to Shipment Security

Moderator: Mike Wangler, DOE-EM

In the year since the 2013 NTSF meeting, the Nuclear Regulatory Commission finalized its rules on advance notification of tribal governments, new physical protection measures for spent nuclear fuel in transit, and the new Part 37, and shippers are now implementing these rules. In addition, an NTSF ad hoc working group is wrapping up its work on a security communications protocol, and DOE has moved forward with a revision of its security order. Attend this session to learn about all these developments and to share your insights about the new rules or important changes to DOE's orders.

- Michael Wangler, DOE-EM Office of Packaging and Transportation
- Willie Lee, U.S. Nuclear Regulatory Commission
- Stuart Easson, U.S. Nuclear Regulatory Commission
- Craig Moss, Oak Ridge National Laboratory
- Carla Schreiber, Nebraska State Patrol

Jonathan

5. Emergency Response Planning, Training, and Exercises

Moderator: Ellen Edge, DOE-EM Office of Packaging and Transportation

Representatives of Texas and Indiana will share their recent experiences hosting a WIPPTREX and NNPP exercise, respectively. The session will include a roundup of the latest news from DOE's Transportation Emergency Preparedness Program.

- Laura Dresen, Indiana Department of Homeland Security
- Mike Rutherford, Texas Department of State Health Services
- Tom Clawson, TRG, Inc.
- Ellen Edge, DOE-EM Office of Packaging and Transportation

3:15 - 3:30 pm

Break

3:30 - 5:30 pm

Breakout Sessions – Round 2

Beacon/Duchess/Regent

1. DOE Transportation Topics

Repeat of Session 1-1

Empire

2. The Interface Between Storage and Transportation

Repeat of Session 1-2

Fireside

3. Engaging States, Tribes, and the Public in Transportation Planning

Moderator: Jane Beetem, Missouri

Why do so many people fear all things nuclear? How can governments and industry best address this fear so as to continue with their program missions and business operations but not cause fear among the public? How do states and tribes want to be involved – and what kinds of resources do they need to make that happen? What does it mean for DOE to consult and collaborate with states and tribes as partners in planning shipments? This discussion-centered session will explore these questions and others.

- Ken Niles, Oregon Department of Energy
- Heather Westra, Prairie Island Indian Community
- Blake Williams, Secured Transportation Services
- Jeff Galan, National Nuclear Security Administration

Cortland

4. All About Rail: How Rail Shipments are Planned, Executed, Regulated, and Improved

Moderators: Mel Massaro and Kevin Blackwell, FRA



How does DOE plan and conduct rail shipments of radioactive waste? How are the FRA's routing requirements shaping the choices railroads are making? What is the FRA doing in connection with rail inspections, including the Safety Compliance Oversight Plan? And what is the status of the rail settlement agreement NTSF members first heard about in May 2013? This session will address all these questions, wrapping up with a look at the lessons learned from the July 2013 accident in Lac-Mégantic, Québec, in which 47 people lost their lives, and the recommendations of a federal task force to improve rail shipment safety in the aftermath of the disaster.

- Terri Kneitel, Brookhaven National Laboratory
- Mel Massaro, Federal Railroad Administration
- Gary Vaughn, Watco Companies
- Kevin Blackwell, Federal Railroad Administration
- Ray English, Naval Nuclear Propulsion Program

Jonathan

5. Professional Development for Emergency Managers

Moderator: Christopher Wells, SSEB

Learn about the latest innovations in state and tribal programs for emergency preparedness and response, including the use of technology such as QR codes and YouTube to educate and inform responders and the public about hazards.

- Kevin Leuer, Minnesota Homeland Security and Emergency Management
- Andrew Doyle, Baltimore Fire Department
- Viktoria Mitlyng, U.S. Nuclear Regulatory Commission

THURSDAY, MAY 15

7:30 - 10:00 am
Ballroom Foyer

Registration and Take Down Exhibits

7:30 - 8:15 am
Mcintosh

Breakfast and Networking

8:30 - 9:15 am
Orchard Ballroom

Plenary: Evaluating the NTSF After Five Years: Reactions from the Members and Strategic Approach for the Future

Moderators: Ken Niles, Oregon, and Lisa Janairo, CSG Midwest

This session will expand upon the live evaluation from previous meetings to include a retrospective look at the NTSF after five years of operating. A representative of each of the three key groups – DOE, tribes, and states – will address what value they derive from the NTSF, suggest ways for their colleagues to get involved, and share their vision for an NTSF that, over the next five years, strategically addresses the needs of DOE and stakeholders for ensuring the safe, secure transport of radioactive materials, substances, and wastes. Following the panelists' remarks, audience members will have an opportunity to provide feedback, through TurningPoint and open discussion, on the NTSF meeting and on the organization as a means of bringing together DOE's transportation stakeholders.

- John Giarrusso, Massachusetts Emergency Management Agency
- Richard Arnold, Pahrump Paiute Tribe – Nevada
- Stephen O'Connor, DOE-EM Office of Packaging and Transportation

9:15 - 9:30 am

Break

9:30 - 11:15 am
Orchard Ballroom

Plenary: Preparing to Ship Spent Nuclear Fuel

Moderator: Jeff Williams, DOE-NE

This session will provide an overview of the DOE Office of Nuclear Energy (DOE-NE) Nuclear Fuels Storage and Transportation Planning Project's (NFST) preparations for large-scale transport of used fuel from America's commercial nuclear power plants. The presentation will include an overview of the NFST project and a discussion of the project plan for the development of the systems and processes necessary for large-scale transport. This plenary will include discussion of current shutdown site activities, railcar development and other hardware needs, and development of analytical tools to support transport. Summary discussions of 180(c) policy, the National Transportation Plan (NTP), and preliminary routing activities from earlier in the meeting will also be presented by both NFST and working group representatives.



- Jeff Williams, DOE-NE
- Matt Feldman, Oak Ridge National Laboratory
- Steve Maheras, Pacific Northwest National Laboratory
- Jay Jones, DOE-NE
- Erica Bickford, DOE-NE
- Section 180(c) Implementation Ad Hoc Working Group Representative
- Transportation Plan Ad Hoc Working Group Representative

11:15 - 11:30 am
Orchard Ballroom

Wrap up

- Action Items
- 2015 Annual Meeting

11:30 am

NTSF Meeting Adjourns

11:45 am - 5:00 pm
Taylor

180(c) Interregional Team Meeting

For team members and invited guests only.

Lunch will be served.

12:00 - 4:30 pm
Mcintosh

Risk Communication Training

Back by popular demand, Ronald Edmond from Oak Ridge Associated Universities will offer training on Applying Risk Communication to the Transportation of Radioactive Materials. The workshop will provide communication responders with principles and techniques necessary to address incidents involving DOE-owned radioactive materials. During the first NTSF meeting in 2010, Mr. Edmond presented this workshop, which has been updated for 2014. Both Mr. Edmond and the training he provided were described by attendees as highlights of the meeting.

Lunch will be served.

- Ronald Edmond, Oak Ridge Associated Universities

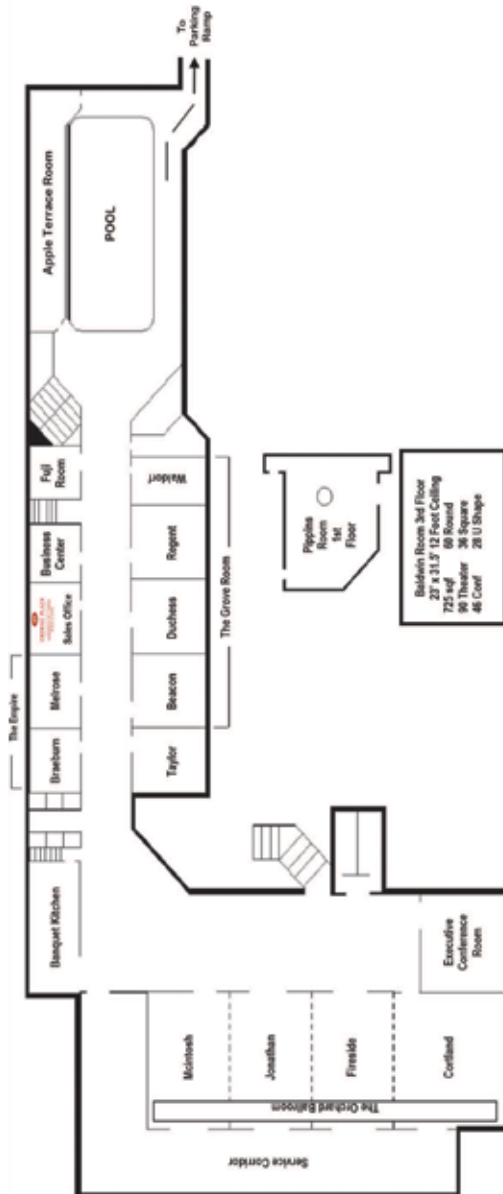
The U.S. Department of Energy (DOE) National Transportation Stakeholders Forum (NTSF) is the mechanism through which DOE engages at a national level with states, tribes, federal agencies, and other interested stakeholders about the Department's shipments of radioactive waste and materials, including occasional high-visibility shipments that are nonradioactive. The purpose of the NTSF is to bring transparency, openness, and accountability to DOE's offsite transportation activities through collaborations with state and tribal governments. DOE works through existing agreements and networks to ensure federal, state, and tribal government participation is ongoing. The NTSF meetings and webinars are particularly relevant for personnel with responsibilities in packaging and transportation, emergency management, security, inspection and enforcement, and radiation protection.

The NTSF as an organization brings DOE and its transportation partners together to accomplish three main goals:

- Inform states and tribes about ongoing, upcoming, or tentatively planned DOE shipments or shipping campaigns that may have an impact on their jurisdictions.
- Obtain input from states and tribes about concerns, needs, or logistics that is relevant to shipment planning and execution.
- Identify emerging issues for DOE and its transportation stakeholders that may affect shipment planning, preparedness, and execution, including intergovernmental consultation and cooperation.

If you are interested in getting more information about the NTSF or volunteering to serve on an NTSF ad hoc working group, contact your DOE/federal, Tribal Caucus, or regional representative:

DOE:	Mike Wangler, DOE-EM Office of Packaging and Transportation, mike.wangler@em.doe.gov
Tribal Caucus:	Brooke Oleen Tieperman, National Conference of State Legislatures, brooke.oleen@ncsl.org
Midwest:	Lisa Janairo, CSG Midwest, ljanairo@csg.org
Northeast:	Uldis Vanags, CSG/Eastern Regional Conference, uvanags@csg.org
South:	Christopher Wells, Southern States Energy Board, wells@sseb.org
West:	Chris Scolari, Western Governors' Association, cscolari@westgov.org Jim Williams, Western Interstate Energy Board, jwilliams@westgov.org





U.S. DEPARTMENT OF
ENERGY

**Mark your calendars for the
2015 Annual Meeting of the
National Transportation
Stakeholders Forum**

**May 12-14, 2015
Albuquerque, New Mexico**

***The co-hosts for the 2015 Annual Meeting
will be the Western Governors' Association,
the Western Interstate Energy Board, and
the NTSF Tribal Caucus***



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