



NRC Tribal Activities

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U.S. Nuclear Regulatory Commission

Tribal Radioactive Material Transportation Committee Meeting

January 24, 2018
Omaha, Nebraska

Tribal Liaison Activities

- Tribal Policy
 - FY17 Annual Report
- OIG Audit
- Advance Notification Update
- TPM NUREG Update
- NRC Tribal Website

NEW ! [Tribal.nrc.gov](https://tribal.nrc.gov/)

NRC HOME | NRC HOME



Protecting People and the Environment

TRIBAL TOOLBOX HOME ABOUT US NRCSS OFFICE DIRECTORY STATE REGULATIONS TRIBAL LIAISON CONTACTS OUTREACH NRC HOME

Tribal Toolbox

- Site Search
- Site Contents
- What's New

Resources & Tools

- Tribes Within 50 Miles of Reactors
- Reactor License Renewals
- New Reactor Applications
- Uranium Recovery License Applications
- License Applications: Uranium Recovery Facilities, New or Existing
- Storage of Spent Nuclear Fuel
- Tribal Policy Statement
- Tribal Protocol Manual
- Annual Tribal Activities Report
- Event Reports
- Tribal Working Group
- STC Letters
- ADAMS Document Search
- Nuclear Material Quick Links

Tribal Liaison

- Tribal Liaison Staff
- Federal, State, and Tribal Liaison Programs
- Tribal Advance Institution
- Advance Notification Designated POC's
- Navajo Nation 5-Year Plan
- Tribal Training
- NRC Grant Opportunities

Communications

- Contact Tribal Teams
- STC List Server



Office of Nuclear Material Safety and Safeguards (NMSS)

Director: Marc Dapas
Deputy Director: Scott W. Moore

NRC TRIBAL TOOLBOX WEBSITE

The NRC acknowledges the sovereign rights of Federally-recognized Native American Tribal governments. NRC maintains government-to-government communications with those Tribes, as well as with their national organizations, who are potentially affected by, or otherwise interested in, NRC regulatory activities. The NRC initiates contact or responds to requests for information on specific issues relevant to NRC's policy and regulatory authority, primarily in the areas of high and low-level radioactive waste storage, transportation, disposal, and reclamation.

Map of Agreement & Non-Agreement State Tribal Activities



Click on a given state (or state code listed below) for information on Tribes near Reactors, Uranium Mining and Licensing, Reactor Licensing, Tribal Notification Contacts, etc.

<https://tribal.nrc.gov/>

Nebraska

Tribes Within 50 Miles
Plant: Cooper
Tribes:

- Sac & Fox Trust Land
- Sac & Fox Reservation
- Iowa Reservation
- Iowa Trust Land
- Kibbago

Plant: Fort Calhoun
Tribes:

- Winnebago Trust Land
- Winnebago Reservation
- Omaha Reservation

Reactor License Applications: none

Uranium Recovery License Applications

Crow Butte - NE - ISR License Renewal, License Reissued 2014
(No webpage)

Harland - DeWitt County, NE - ISR Expansion, Responding to Review
<https://www.nrc.gov/materials/uranium-recovery/license-apps/harland.html>

North Trend - Crawford County, NE - ISR Expansion, On Hold
<https://www.nrc.gov/materials/uranium-recovery/license-apps/north-trend.html>

Three Crow - NE - ISR Expansion, Review on Hold Per Request
(No webpage)

Advance Notification Contacts for Nuclear Shipments: none

New and Existing ISFSI Licenses

Fort Calhoun - General License
Cooper - General License



Transportation Security

Gerry Jackson

Transportation Security Specialist
Division of Physical and Cyber Security Policy
Office of Nuclear Security and Incident Response
U.S. Nuclear Regulatory Commission

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Increased Coordination NRC, DOT & DHS MOU 2015

NRC, DOT and DHS signed a Memorandum of Understanding for increased cooperation in transportation security.

- Risk Assessments.
- Strategic Planning.
- Standards, Regulations, Guidelines, Advisories, Orders, and Directives.
- Inspections and Enforcement.
- Technical Support.
- Sharing Information During an Emergency Response.
- Legislative Matters.
- Budget.
- Communication.
- Intelligence and Information Sharing.
- Background Investigations.
- Cooperative Research Programs.

NRC POC :

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The MOU may be accessed through NRC's webpage [www.nrc.gov] through the Agencywide Document Management System (ADAMS)

Accession Numbers

- ML15057A336 - MOU
- ML13240A347 - TOPICAL AREAS
- ML13240A350 - Points of contact for the Memorandum of Understanding

NRC Engagement: DOE/NNSA and FBI

- NRC is a valued participant in the DOE/NNSA and FBI “ISOTOPE CROSSROADS” Table Top Exercise series.
 - Isotope Crossroads is a radiological transportation security tabletop exercise (TTX) series sponsored by The Department of Energy (DOE)/National Nuclear Security Administration (NNSA)/Office of Radiological Security (ORS) and the Federal Bureau of Investigation (FBI)/Weapons of Mass Destruction Directorate (WMDD)/Nuclear and Radiological Countermeasures Unit (NRCU).
 - The purpose of the TTX series is to promote information sharing, joint situational awareness, team building, and problem resolution in a crisis response situation to Federal, State, and Local first responders, public health personnel, transportation companies, and radiological producing companies when dealing with a Weapons of Mass Destruction (WMD) incident scenario involving Category 1 and 2 radiological or nuclear materials in commercial transit.
 - Area of Responsibility (AOR) specific routes, transportation companies and response procedures, and radiological materials transported through the AOR will be discussed.
 - The TTX is a one-day, no-fault, discussion based exercise.

Isotope Crossroads Link

- Home Page Isotope Crossroads

<https://isotopecrossroads.sandia.gov/>



Updates and Current Status of Select NRC Activities Related to Spent Nuclear Fuel Storage and Transportation

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Omaha, Nebraska

Topics

- Vacant Commissioner Positions
- NRC Budget
- NRC Draft Strategic Plan
- *Federal Register* Notices of Interest
- Decommissioning and Interim Storage
- Managing Aging Processes for Storage (MAPS)
- Yucca Mountain
- Cyber Security
- Harmonization with the IAEA Transportation Standards
- Publications
- Q&A



Vacant Commissioner Positions

Current Commission:

- Chairman Kristine Svinicki
 - Term ends June 30, 2022
- Commissioner Jeff Baran
 - Term ends June 30, 2018
- Commissioner Stephen Burns
 - Term ends June 30, 2019



K. Svinicki



J. Baran



S. Burns

In the future (?):

- Annie Caputo
- David Wright



NRC Budget

- Currently operating under a Continuing Resolution (CR)
 - Ends February 8, 2018



NRC Draft Strategic Plan

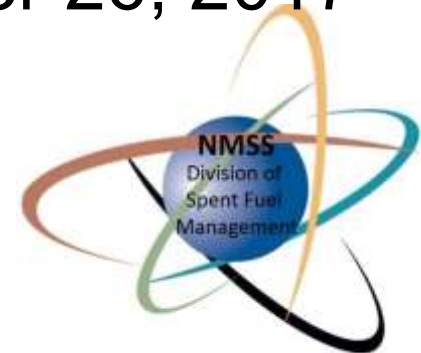
- NRC is in the process of finalizing its FY 2018-2022 Strategic Plan
- The NRC's Strategic Plan provides a blueprint for the agency to plan, implement, and monitor the work needed to achieve its Mission
- The Commission issued a Staff Requirements Memorandum (SRM) with their approved draft FY 2018-2022 Strategic Plan, which was published in the *Federal Register* for public comment through October 26, 2017
- The draft FY 2018-2022 Strategic Plan remains consistent with the FY 2014-2018 Strategic Plan and emphasizes continued focus and commitment to NRC's Mission and strategic goals of safety and security



Federal Register Notices of Interest

Managing Aging Processes for Storage [MAPS] (Draft NUREG-2214)

- FRN (October 24, 2017)
 - <https://www.federalregister.gov/documents/2017/10/24/2017-22983/managing-aging-processes-in-storage-report>
- Draft NUREG-2214 (ML17289A237)
- Comment period closed December 26, 2017



Federal Register Notices of Interest (cont'd)

Consolidated Dry Storage Standard Review Plan

- “Standard Review Plan for Spent Fuel Dry Storage Systems and Facilities” (NUREG-2215)
 - Published a “Notice of availability” of draft NUREG-2215 for public comment (November 15, 2017) for public comment (45 days)
 - NUREG-2215 consolidates guidance from NUREG-1536 and NUREG-1567 as well as several interim staff guidance documents
- Final NUREG-2215 scheduled for publication September 2018



Decommissioning and Interim Storage

- Decommissioned
 - 10 units (7 have ISFSI-only fuel on site)
- Decommissioning
 - 20 units
- Announced decommissioning
 - 8 units
- Consolidated Interim Storage Facilities (CISF)
 - Waste Control Specialists (WCS) Application
 - Application received April 2016
 - Accepted in January 2017
 - Suspension requested in April 2017
 - NRC suspended WCS CISF application review
 - Holtec Application
 - Application received March 2017
 - Currently in Acceptance Review
 - Request for Supplemental Information (RSI) issued July 7, 2017
 - Final RSI response received December 22, 2017
 - NRC decision on acceptance by late February 2018



Managing Aging Processes for Storage (MAPS)

Managing Aging Processes for Storage [MAPS] (Draft NUREG-2214)

- NRC staff experience with the renewal of licenses and certificates of compliance for the storage of spent nuclear fuel revealed a need for expanded guidance
- Clarity of NRC staff technical position
 - Identification of the credible aging mechanisms and appropriate aging management activities
 - Applicants must still show that the generic guidance is applicable to their specific sites and CoCs
- FRN (October 24, 2017)
- Draft NUREG-2214 (ML17289A237)
- Comment period closed December 26, 2017

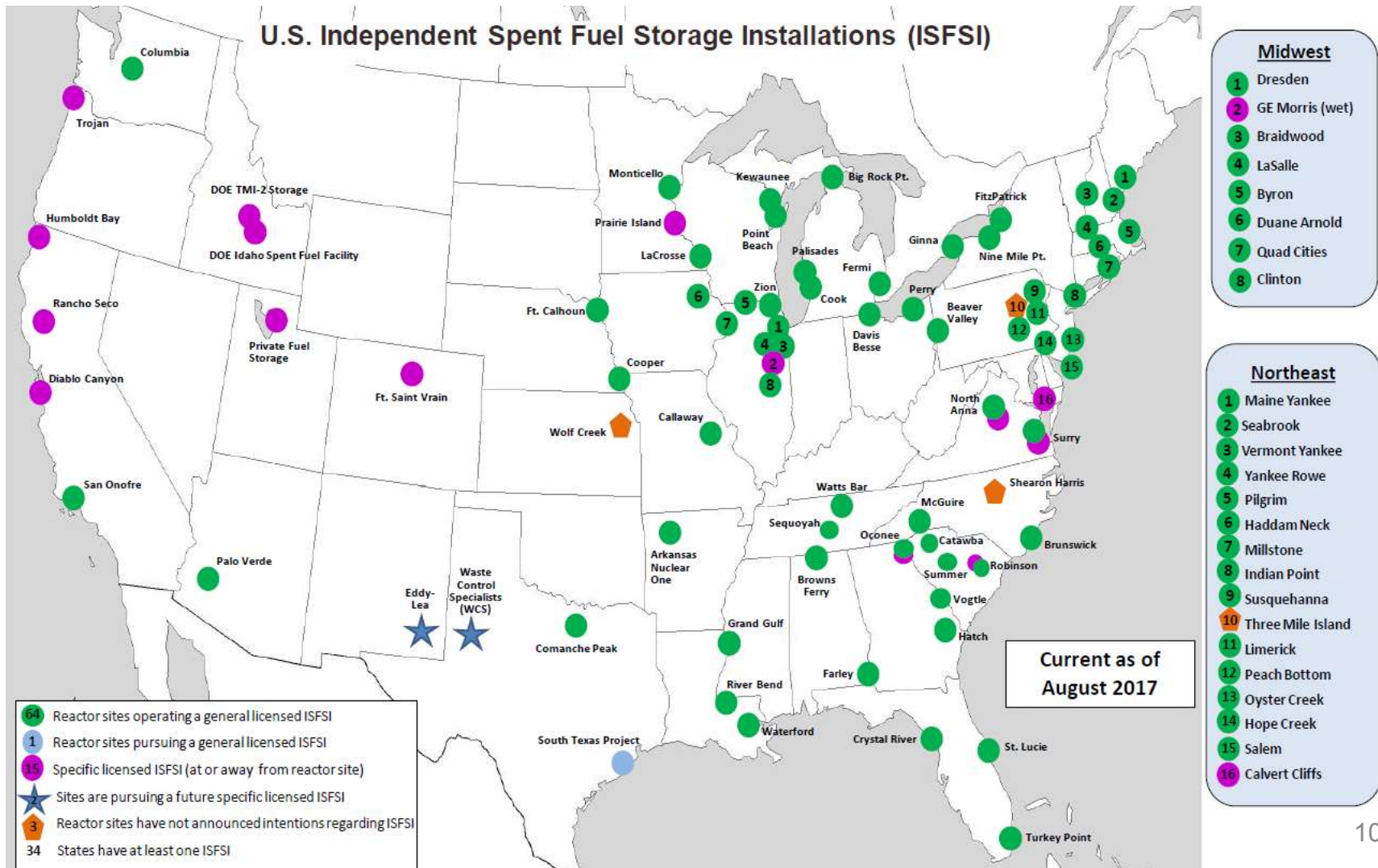


Yucca Mountain

- NRC is ready to support hearings if
 - Congress appropriates funds
 - Commission directs staff to initiate work



Independent Spent Fuel Storage Installations (ISFSIs)



Cyber Security

- Proposed cyber security rulemaking
 - Submitted to Commission on Oct 4, 2017
 - SRM-SECY-14-0147, (ML15083A175)
 - SECY-17-0099, (ML17018A218)
- Requirement for Fuel Cycle Facilities
- Regulatory Basis (ML15355A466)
- Draft Regulatory Guide [DG-5062] (ML16319A320)
- If approved, comment period in mid-2018



Harmonization with the IAEA Transportation Standards

- Issues paper (ML16299A298)
- FRN (81 FR 83171)
 - Public meeting December 5 – 6, 2016
 - 60 day comment period - November 21, 2016 through January 20, 2017
- Regulatory Basis in development
- Working with U.S. Department of Transportation
- Final Rule – September 2021





2017-2018

Information Digest



- NUREG-1350,
Volume 29, Rev 1
- December 2017
- ML17228A057



Safety of Spent Fuel Transportation



- NUREG/BR-0292,
Rev. 2
- February 2017
- ML16237A133



Safety of Spent Fuel Storage



- NUREG/BR-0528
- April 2017
- ML17108A306



A Compendium of Spent Fuel Transportation Package Response Analyses to Severe Fire Accident Scenarios

Final Report

Office of Nuclear Material Safety and Safeguards

- NUREG/CR-7209
- March 2017
- ML17066A101



Questions

Thank you for your attention.

