NRC Tribal Activities

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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/
Transportation Security

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U.S. Nuclear Regulatory Commission

Tribal Radioactive Material Transportation Committee Meeting

January 24, 2018
Omaha, Nebraska
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.

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 Understating

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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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Tribal Radioactive Material Transportation Committee Meeting

January 24, 2018
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

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

- FRN (October 24, 2017)
- Draft NUREG-2214 (ML17289A237)
- Comment period closed December 26, 2017
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
  o Congress appropriates funds
  o Commission directs staff to initiate work
Independent Spent Fuel Storage Installations (ISFSIs)

Current as of August 2017
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
NUREG-1350, Volume 29, Rev 1
December 2017
ML17228A057
Safety of Spent Fuel Transportation

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

Thank you for your attention.