

AGENDA

Title: **STRATEGIC PROGRAMMATIC OVERVIEW OF THE FUEL FACILITIES AND THE SPENT FUEL STORAGE AND TRANSPORTATION BUSINESS LINES (Public Meeting)**

Purpose: The purpose of the briefing is to provide the Commission with an overview of strategic programmatic considerations associated with the Fuel Facilities and Spent Fuel Storage and Transportation business lines.

Scheduled: **April 23, 2024
9:00 a.m.**

Duration: Approx. 3 hours

Location: Commissioners' Hearing Room, 1st Floor OWFN

Fuel Facilities Business Line

35 mins.*

Participants:

Raymond Furstenau, Executive Director for Operations (Acting)

Topic:

- Opening Remarks and Introductions

Shana Helton, Director, Division of Fuel Management, NMSS

Topic:

- Fuel Facilities Current Program Overview and Priorities
 - Engaging Stakeholders to Inform Workload Planning- Increasing Enrichment, Conversion, and Fabrication Activities

Samantha Lav, Chief, Fuel Facilities Licensing Branch, Division of Fuel Management, NMSS

Topics:

- Adapting to an Evolving Fuel Facility Industry
 - Insights from Smarter Fuel Cycle Licensing Program Implementation
- Leveraging New Fuels ATLAS and Regulatory Planner

Eduardo Sastre Fuente, International Safeguards Technical Analyst, Material Control and Accounting Branch, Division of Fuel Management, NMSS

Topic:

- Implementing Safeguards for Advanced Reactors and Advanced Fuels

Nicole Covert, Acting Director, Division of Construction Oversight, Region II

Topics:

- Insights on the Implementation of the Fuel Cycle Smarter Inspection Program
- Updating Oversight Program for Category II Facilities & New Construction

Commission Q & A

40 mins.

Break **5 mins.**

Spent Fuel Storage and Transportation Business Line **35 mins.***

Participants:

Raymond Furstenau, Executive Director for Operations (Acting)

Topic:

- Opening Remarks and Introductions

Shana Helton, Director, Division of Fuel Management, NMSS

Topics:

- Spent Fuel Storage and Transportation Program Overview and Priorities
 - Overview of International Cooperation on Transportation
- New Fuels Licensing: Certifying Transportation Packages for Accident Tolerant Fuels and High-Assay, Low-Enriched Fuel

Bernie White, Senior Project Manager, Storage and Transportation Licensing Branch, Division of Fuel Management, NMSS

Topics:

- Risk-Informing Dry Storage Spent Fuel Licensing
 - Insights from Early Use of the Dry Cask Storage Risk Tool for Licensing Reviews
- Transportable Microreactors
 - Landscape of Current and Future Regulatory Reviews
 - Risk Methodology for Project PELE

Paula Cooper, Senior Reactor Inspector, Engineering Branch 3, Division of Reactor Safety, Region II

Topics:

- Effectiveness of the Spent Fuel Safety and Security Oversight Program
- Preparing for Aging Management Inspections to Ensure Safety During Extended Operations
 - Implementing Enhanced Inspection Guidance
 - Continuing to Ensure Safe Operations During Continuous Offloading Campaigns

Josh Whitman, Reactor Systems Engineer, Fuel and Source Term Code Development Branch, Division of Safety Analysis, Office of Nuclear Regulatory Research

Topics:

- Strategic Research to Support Current and Future Regulatory Needs
 - Demonstrating Readiness for ATF, Increased Enrichment, and High Burnup Fuel through Code Development and Research
 - Collaborative International and Domestic Experimental Programs
 - Recent Demonstration Calculations Using MELCOR and SCALE

Commission Q & A **40 mins.**

Discussion – Wrap-Up **5 mins.**

*For presentation only and does not include time for Commission Q & A