

NRC Perspectives on the National Materials Program

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National Materials Program

- “ 38 separate regulatory programs
 - . More than 20,000 specific material licenses
 - . Broad range of uses
- ” Many regulators still face significant budget or resource challenges.

Agenda

- ” Update on Management Changes
- ” EDO Focus Areas
- ” A Look Back at Common NRC/OAS Priorities
 - . 2013
 - . 2016
- ” Current NRC Priorities
- ” Event Trends
- ” Looking Forward: Transformation & other matters

Update on Management Changes

- ” EDO . Margie Doane
- ” General Counsel . Marian Zabler
- ” Acting DEDM . Dan Dorman
- ” Region I Regional Administrator . Dave Lew
- ” Region I Deputy RA . Ray Lorson

EDO Focus Areas

- “ Retain Commitment to Mission
- “ Modernize How We Work
- “ Enhance Quality of Work Products

Common Priorities (2013)

” Tier One Issues

- . License Verification System Deployment
- . Revision of Policy Statements on Agreement State Program issues
- . Explore revisions to IMPEP metrics and Compatibility determinations
- . Part 37 Implementation
- . Rulemaking Activities for Parts 35 and 61
- . NUREG-1556 Revisions

Common Priorities (2013)

” Tier Two

- . Safety Culture
- . Import/Export of Contaminated Products
- . Exploration of Part 20 Rulemaking Issues

Common Priorities (2016)

” Tier 1

- . Pre-licensing (GAO %Sting+) and source security issues
- . Further development/deployment of Web-Based Licensing (WBL)
- . Financial surety for risk-significant sealed source disposal
- . IMPEP (consistency, team leader training, new report style)

Current Priorities

” Current Issues

- . Effective execution of Safety/Security Mission
- . Enhanced communication/coordination
 - ” Follow-up actions for OIG Audit on NMP
 - ” Rulemaking Working Group
 - ” Implementation of MD 5.6 revision
 - ” Follow-up on IMPEP self-assessment
- . WY and VT applications
- . Source Security Issues
 - ” Category 3 recommendations
 - ” GAO review
 - ” Task Force Report

” Current Issues (cont’d)

- . NUREG-1556
- . ISMP/WBL enhancements
- . Rulemaking Activities (see poster)
- . Review current Part 35 T&E requirements
- . Patient Release
- . Emerging medical technologies
- . Planning for the future

NMED Events (FY17)

- “ 410 NMED events
- “ 5 Fuel Cycle events
- “ 11 AOs
- “ 1 Special Event Study on Y-90
- “ Event numbers small compared to the millions of uses

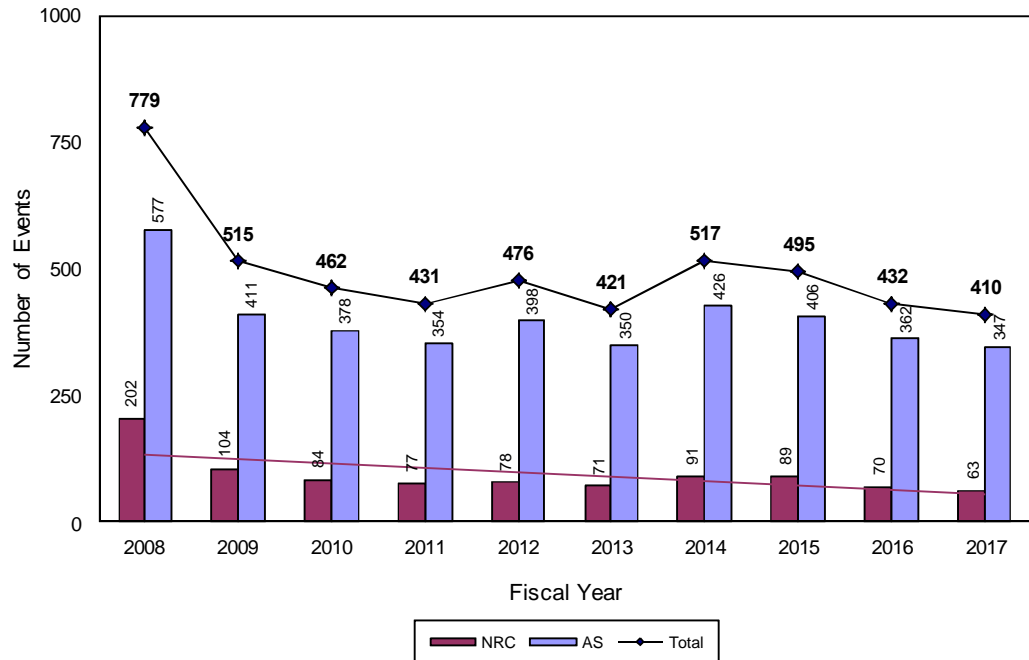


Figure 1. All NMED Events (4,938 total) from SECY 18-0048, “Annual Report to the Commission on Licensee Performance in the Nuclear Materials and Waste Safety Program Fiscal Year 2017”

Looking Forward

” Transformation

- . SECY-18-0060, May 23, 2018, “Achieving Modern Risk-Informed Regulation+”
 - ” Principally focused on reactor technology
- . NMP: What does Transformation look like in the context of the NMP?

Challenges Ahead?

- “ Events . Identifying safety and security significant issues
- “ Issues that will affect us all
 - . Source Security Issues
 - “ GAO audit response
 - . Further development/deployment of Web-Based Licensing
 - . Part 35 Implementation
 - . Rulemaking Activities for Parts 61, Risk-significant sealed source financial assurance, transportation, etc.
 - . NUREG-1556 Revisions

Other Challenges

- “ Focus of the National Materials Program
 - . Identifying the most significant issues
 - . Prioritizing joint efforts
 - . Communicating/coordinating
- “ Budget and resource constraints
 - . Training for qualification
 - . Refresher training and knowledge management
 - . Most efficient/effective use of the resources we have
- “ Enhancing NRC processes and improving consistency among regions (NRC)

Focusing Efforts

- “ Annual list of priorities
 - . Helps us focus, results are achieved
 - . Is there a better way to get State input?
- “ Consensus of Agreement States
 - . Wide diversity of views
 - . Alignment is essential
 - . Where are the largest gains possible for the National Materials Program?



Summary

- “ Challenges in implementing a consistent National Materials Program will continue
 - . Budget and resource constraints expected
- “ A failure anywhere is viewed by the public, and others, as a failure everywhere
- “ A focused, prioritized approach is effective for solving issues
- “ Your suggestions and input are needed
 - . Innovation and broader thinking are in every program’s best interest

The best way to predict your future is to create it+. Abraham Lincoln

Questions?