

# Implementation Challenges

## Sustaining the National Materials Program in Today's Environment

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# National Materials Program

- 38 separate regulatory programs
  - More than 21,000 specific material licenses
  - Broad range of uses
- All regulators facing significant budget and resource challenges.



# Agenda

- Common Priorities
- 2013 Success Stories
- Challenges Ahead
- Opportunities



# Common Priorities

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- 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

# 2013 Success Stories

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- Rulemaking
  - Part 37 Final Source Security Rule
  - Part 35 Draft Medical Rule
- Policy Updates and Development
  - Adequacy and Compatibility of Agreement State Programs
  - Principles and Policy for the Agreement State Program
  - Consumer Products Policy Statement
  - IAEA Code of Conduct for Scrap Metal

# 2013 Success Stories

- Guidance Updates and Development
  - View Ray System Licensing (35.1000)
  - Consolidated Licensing Guidance Updates (NUREG 1556)
  - Part 37 Implementation Guidance (NUREG 2155)
- Source Management
  - License Verification System
  - State License Images



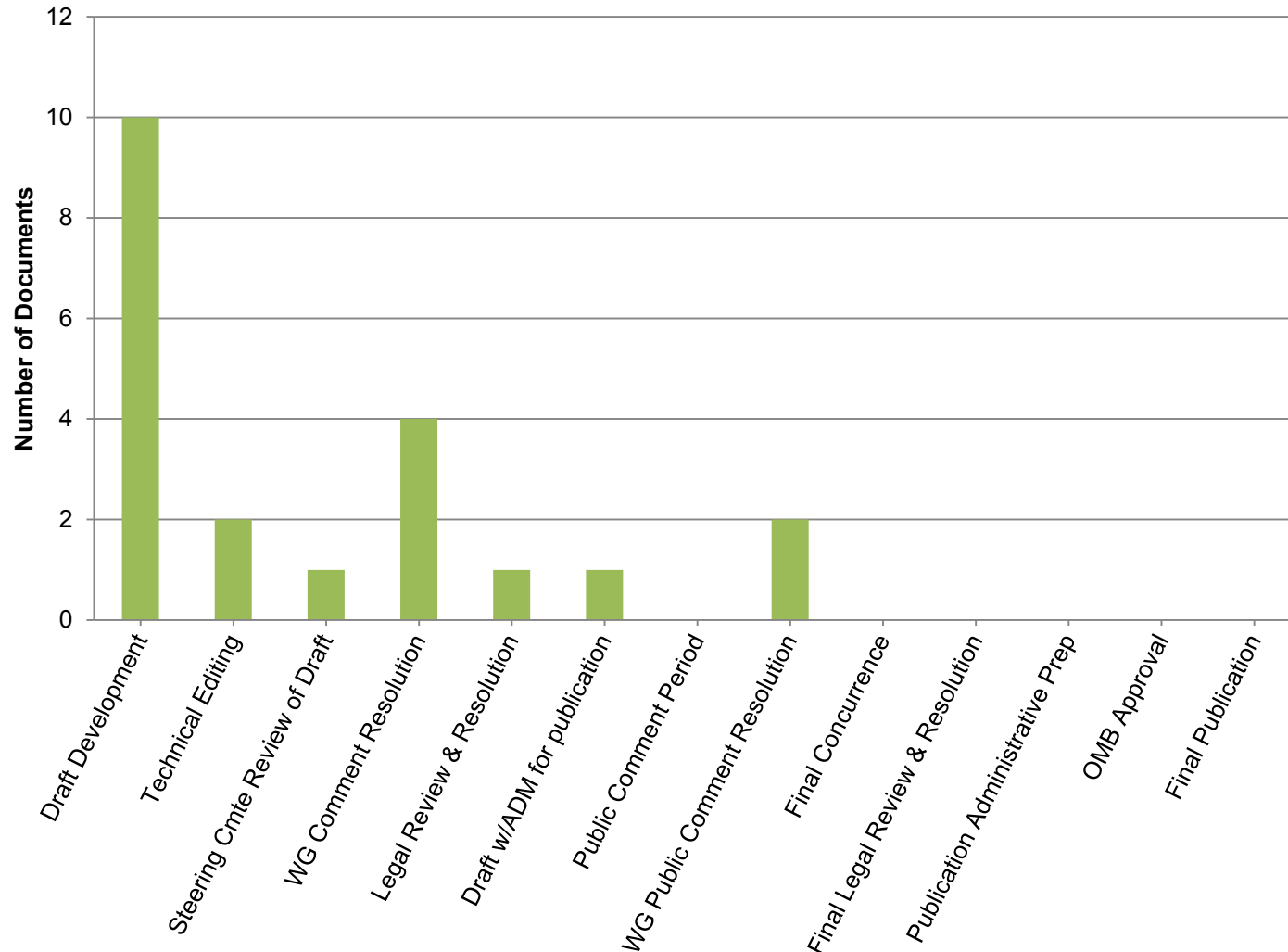
# NUREG 1556 Revisions

- 21 volumes of licensing guidance
- 75 staff supporting working groups
- Project plan revised in early FY13
- Obtained buy-in from NRC Regions and OAS leadership



# Project Status January 2013

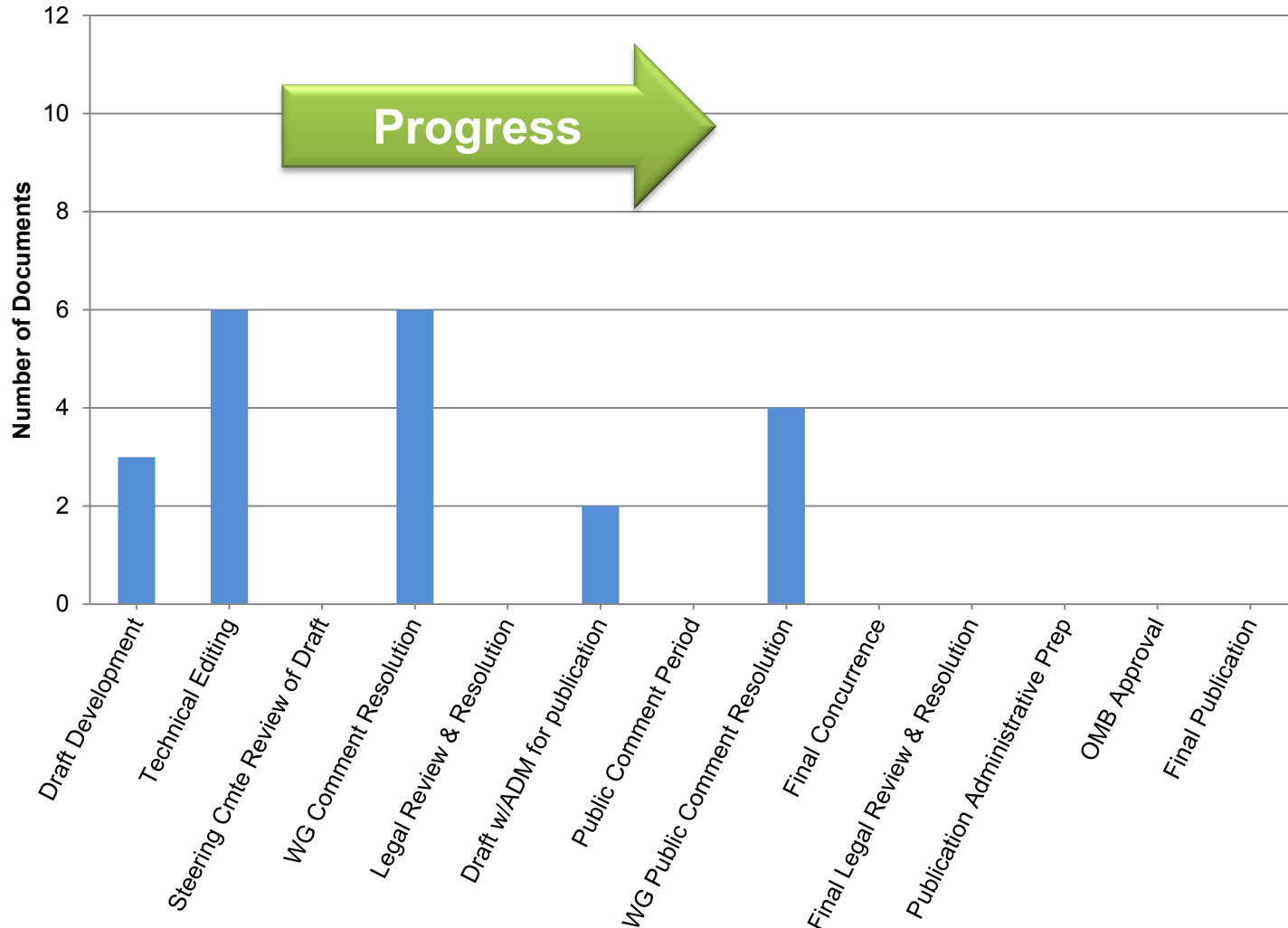
## NUREG-1556 Revision Status





# Project Status August 2013

## NUREG-1556 Revision Status

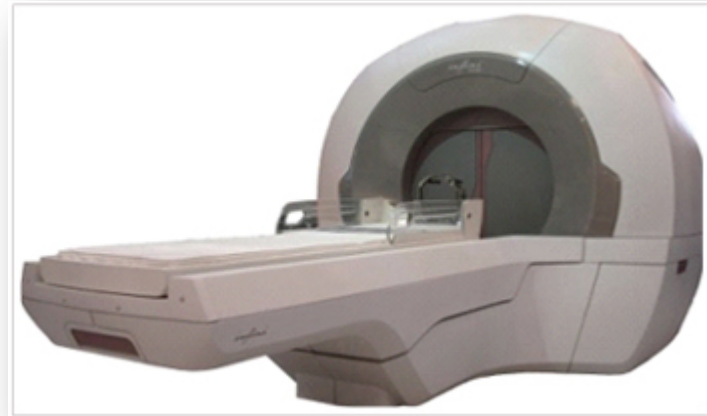


# Medical Innovation

## NRC/OAS Joint Licensing Guidance Development



ViewRay System



MASEP Infini System



# Source Management and Protection

- LVS “live” March 2013

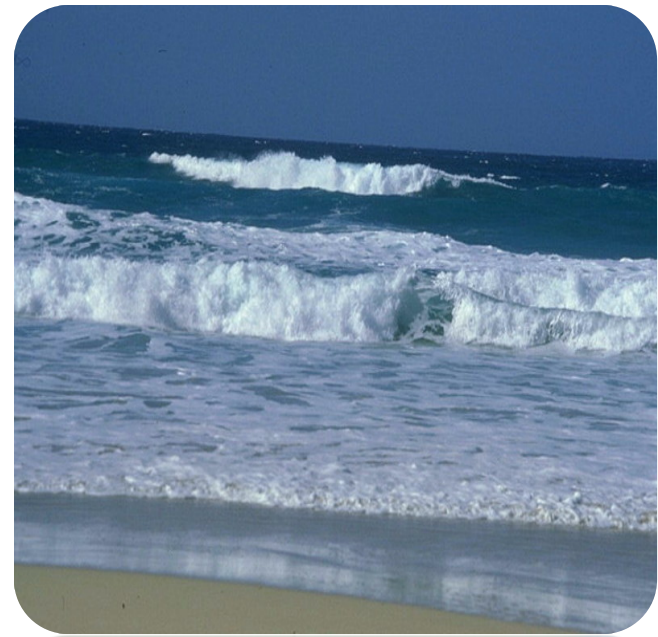


- NUREG-2155
  - Q/A format
  - Nearly 300 pages



# Challenges

- “Something that needs a lot of skill, energy, and determination to deal with”
- Changes concerning the National Materials Program are best addressed with all parties working together



# Challenges Ahead?

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- 2013 Common Priorities
  - ~~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

# Other Challenges

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- Events – identifying potentially safety significant issues
- Focus of the National Program
  - Identifying the most significant issues
  - Prioritizing joint efforts
- Budget and resource constraints
  - Training for qualification
  - Refresher training and knowledge management

# Events Reported

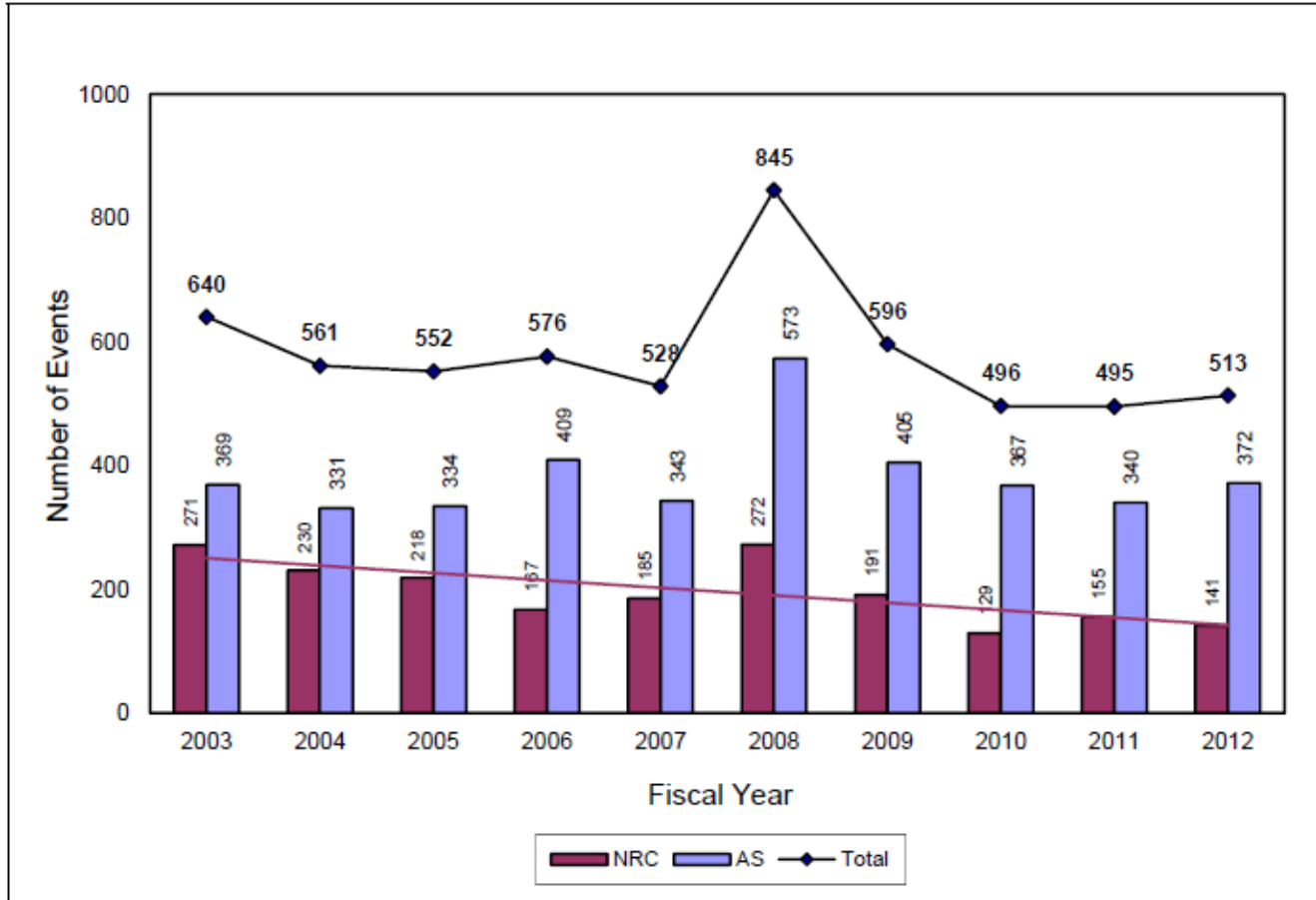
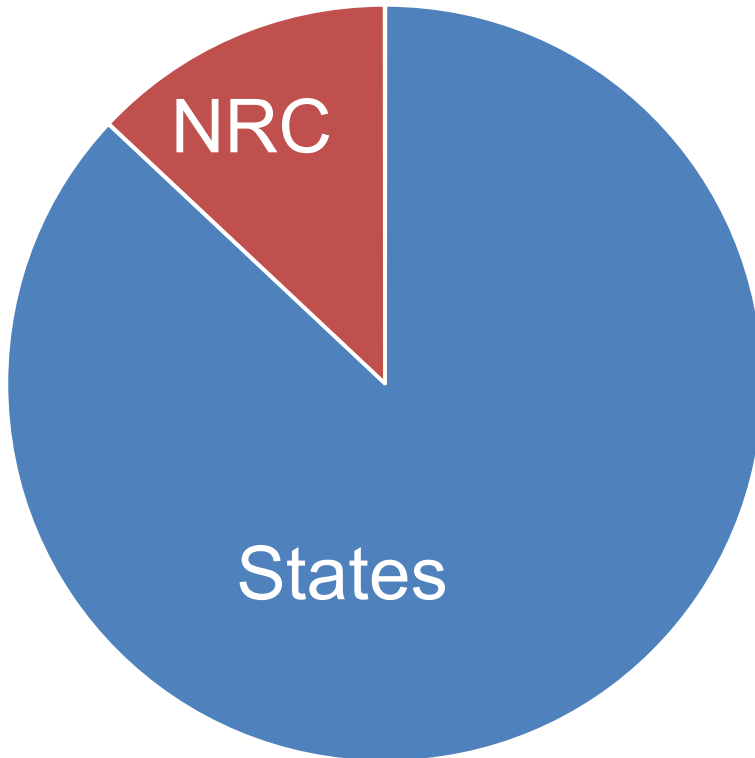


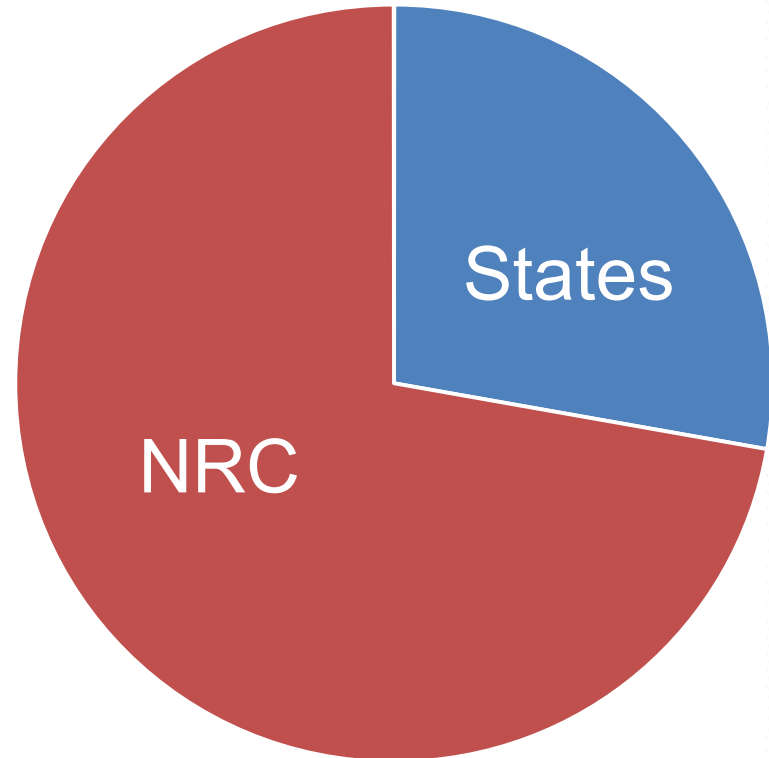
Figure 1. All NMED Events (5,802 total)

# NMED Events

## Specific Licensees



## Reported Events





# Value of Event Reporting

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- Trending allows early identification of potentially significant issues
- Insights influence where regulators spend their limited resources
- Helps ensure licensee awareness and focus on safety/security

# 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 Program?

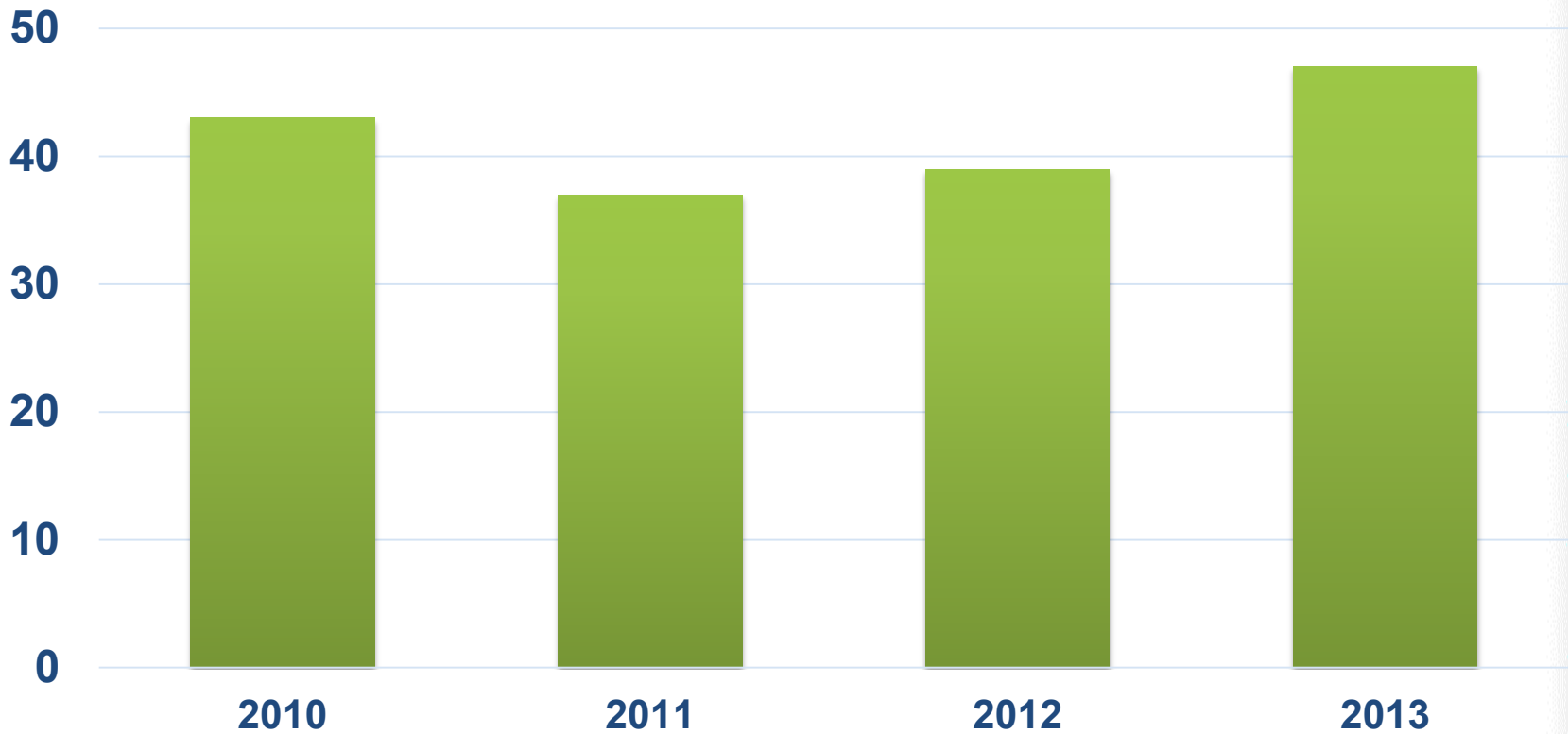


# Training

- NRC understands the value of common training to the consistency of the National program
- NRC funding for Agreement State training was restored in 2008
- State feedback in 2013
  - Greater need for certain core courses
  - States should have a greater number of training opportunities based on number of licensees
  - Insufficient data available on course utilization
  - Burdensome process for requesting training

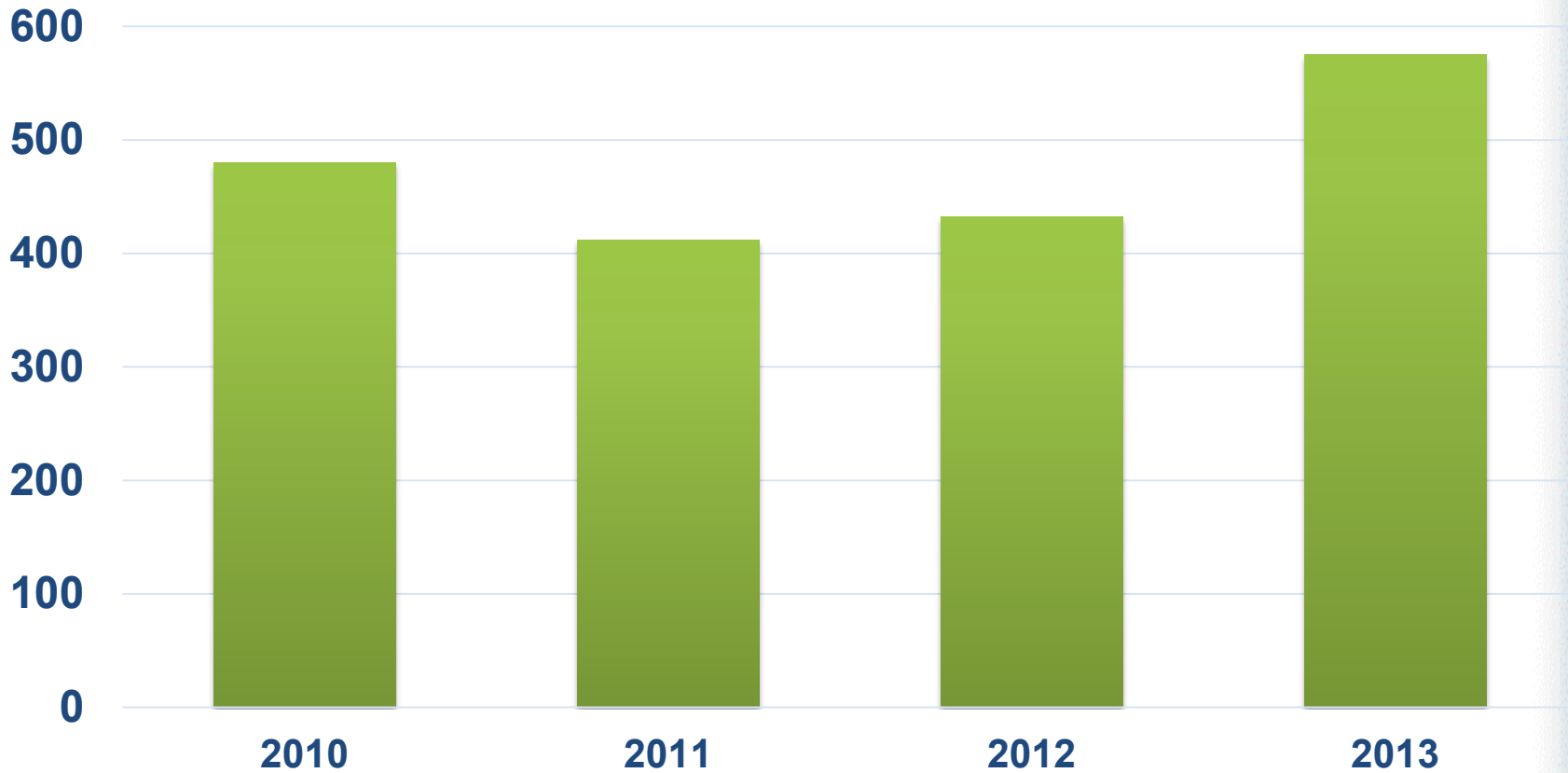
# Classes Offered For States

## Number of Class Sessions



# State Participation

## Number of Agreement State Students



# Medical Training

- Medical courses – high demand courses/large Agreement State backlog
  - Root Cause Workshop and Radiography courses were also limited
- New contracts issued, lessons learned identified
- Compensatory actions
  - Increased number of sessions for medical courses (pending funds availability)
  - Unfilled NRC seats allocated to States
  - NRC deferring non-required training

# Training Enhancements

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- Creating an database to provide better tracking of State needs and ability to predict demand
  - Training utilization data
- Streamline the registration process
  - Letters now say send forms via email vice fax
- Exploring use of “standby list” to address last minute cancellations.

# Training Opportunities

- We all need to think nationally when addressing training issues
- Expand the use of technology to improve the efficiency of training and knowledge management activities





# Summary

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- 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

“All of us need to be reminded that the Federal Government did not create the states; the states created the Federal Government” – Ronald Reagan

Questions?