

# Cumulative Effects of Regulation Category 3 Public Meeting

September 19, 2013

# Agenda

- Background
- Fuel Cycle CER Update
- Case Studies
- CER Expansion to Other (i.e. non-rulemaking)  
Regulatory Actions
- CER Template/Prioritization Initiative

## Background

- SECY-12-0137, “Implementation of the Cumulative Effects of Regulation Process Changes,” dated October 5, 2012 (ADAMS Accession No. ML12223A162)
- SRM to SECY-12-0137 dated March 12, 2013 (ADAMS Accession No. ML13071A635)
  - Directed the staff to prepare a follow-on SECY in two years on the effectiveness of CER and any lessons learned
- Public meeting conducted on May 8, 2013

# Ongoing CER Activities for Fuel Cycle Facilities

- **NMSS Public Meeting on CER (October 1, 2013)**  
**Purpose:**
  - Present and discuss the proposed mapping for a partially populated integrated schedule listing a number of regulatory activities related to CER and their tentative milestones
  - Obtain input from the fuel cycle industry on the structure and use of the proposed schedule
  - Discuss how the industry would eventually provide input to the schedule for their planning and implementation of the listed regulatory activities
- **Meeting will also discuss the need to prioritize the listed regulatory activities, including comments/thoughts on the prioritization process**

## Case Studies - Background

- **Purpose:** To investigate the accuracy of cost/schedule estimates in regulatory analyses
- **Power reactors are interested in participating**
  - Fuel cycle facilities are considering providing a partial case study

## Case Studies - Update

- NEI indicated that power reactors are interested in providing a case study
  - Number of facilities participating
  - Regulatory analyses studied
  - Schedule
  - Vision for final product
  - Plan for industry recommendations/lessons learned
- Fuel cycle facilities are considering providing a partial case study



## Case Studies – NRC Feedback

- Allow case study that focuses on gas accumulation (i.e., non-rulemaking activity)?
  - NRC Answer: Yes, but maintain emphasis on regulatory analyses
    - Basis: Industry may always submit voluntary information; Lessons learned could be derived from the case study on gas accumulation

## Case Studies – NRC Feedback

- Should NRC staff meet individually with each case study participant?
  - NRC Answer: NRC could meet with a sampling of facilities to obtain lessons-learned in a closed meeting setting.
    - Basis: Effective use of NRC resources.



## Expansion of CER Beyond Rulemaking

- SRM-SECY-12-0137 contained direction that any expansion of CER should be considered in the broader context of the prioritization initiative
- Industry feedback at May 2013 public meeting
  - Recommended specific regulatory processes for expansion
  - Summary available in ADAMS under Accession No. ML13135A267

# Expansion of CER Beyond Rulemaking

- NEI's list of activities in its July 3, 2013, white paper:
  - Fukushima regulatory response
  - Fire protection
  - Current and future generic safety issues
  - Rules and orders
  - License conditions
  - Generic letters
  - 10 CFR 50.54(f) letters
  - Implementation documents (regulatory guides, interim staff guidance)
  - Plant modifications (regulatory and non-regulatory)
  - Regulatory Issue Summary (RIS)
  - Frequently Asked Questions
  - Requests for additional information in context of license amendment requests
  - Proposed additions of scope to license amendment requests
  - NRC “positions” expressed in meeting materials and correspondence

## Expansion of CER Beyond Rulemaking – NRC Consideration

- NRC could list actions in order of the need for CER consideration and focus on expanding CER to those activities of greatest need first

## Industry's Development of CER Template: Background

- May 2012 public meeting NEI stated that it was interested in developing a CER template for evaluating regulatory activities
- Industry's proposal is outlined in the July 3, 2013, white paper developed by NEI (ADAMS Accession No. ML13199A152)
  - “Industry Paper on Addressing Cumulative Impact through Generic Prioritization and Plant-Level Integrated Schedules”

## Background on Prioritization Initiative

- SRM-COMGEA-12-0001/COMWDM-12-0002: “Proposed Initiative to Improve Nuclear Safety and Regulatory Efficiency,” dated February 6, 2013 (ADAMS Accession No. ML13037A541)
  - Focused on operating power reactors
- Provide to the Commission “approaches for allowing licensees to propose to the NRC a prioritization of the implementation of regulatory actions”
  - SECY due July 2014
- NRC staff believes prioritization could help ensure that NRC and industry maintain focus on the most safety significant issues first

# Public Feedback on Prioritization/CER

- SRM-SECY-12-0137: “Any expansion of the consideration of the CER should be considered in the broader context of actions directed from COMGEA-12-0001/COMWDM-12-0002.”
- NEI’s July 3, 2013, white paper: “Industry Paper on Addressing Cumulative Impact through Generic Prioritization and Plant-Level Integrated Schedules”
  - Current plans for table top exercises, piloting, or guidance
  - Timeline
- Scope of prioritization
- Draft guidance (i.e., plan for table top and pilot) development
- Comparison of “CER template” and this prioritization



## Next Steps

- Develop evaluation criteria and screening questions
- Determine the role of PRA
- Identify backstops
- Review past experience with plant level integrated schedules (see ADAMS Accession No. ML13189A224)



# Questions?