




Managing NRC Regulatory Transition from Operation to Decommissioning


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Overview

- Problem Statement
- Objective
- Suggested Approach
- Industry Task Force
- Examples of Current Regulatory Issues
- Next Steps



Problem Statement

The regulatory framework and processes for nuclear power plant licensees transitioning from commercial operation to decommissioning are not well-defined, which results in inefficiencies and undesirable and unnecessary resource impacts.

Objective

Establish a well-defined regulatory framework and related processes that assure adequate protection of health and safety throughout the transition from operation to decommissioning while minimizing inefficiencies and undesirable and unnecessary resource impacts.



Suggested Approach

- Capture and apply experience and lessons-learned from the transition of the recent and near-term shut down plants from operation to decommissioning to:
 - Define and enhance the existing regulatory framework
 - Develop industry guidance (seek NRC endorsement)
 - Identify potential improvements to related NRC policy, regulations and related guidance



Industry Task Force

- Monitor and share experience of the lead plants and identify and apply lessons learned
- Interact with NRC staff in public processes to
 - Discuss the ongoing applicability of existing regulatory requirements and guidance
 - Provide suggestions to NRC staff that may help clarify and inform policy and regulatory bases for NRC decisions
 - Suggest ideas for enhancing the regulatory framework and processes
- Develop industry guidance for NRC endorsement




Membership

- Participating Licensees/Plants
 - Kewaunee
 - Crystal River
 - SONGS
 - Vermont Yankee
 - Three Mile Island Unit 2
 - Oyster Creek
 - First Energy
 - Fermi 1



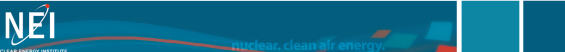
Examples of Current Regulatory Issues

- 50.54q Evaluations
- 50.54m Licensed Senior Operators
- Emergency Preparedness
- Cyber Security
- Physical Security
- NUREG-1738 "Technical Study of Spent Fuel Pool Accident Risk at Decommissioning Nuclear Power Plants"
- Workforce Fatigue Rule/Part 26
- Underground Pipe and Tank Management Program (UPTM)



Current Priorities

- Regulatory review and response timeframe for licensing issues and actions.
- Emergency Preparedness
- Security (Physical and Cyber)



Next Steps

- Continue to conduct biweekly Task Force conference calls to update issue and action status and develop resolution strategies and appropriate actions
- Initiate periodic interactions with NRC staff counterparts to reach common understanding of issues and address roadblocks that impede progress towards their resolution



Next Steps

- Complete development of and implement the Decommissioning Transition Action Plan
- The Action Plan includes talking points, fact sheets and mini white papers that will provide the technical basis for the resolution described in the industry guidance document
- NEI is sponsoring development of an industry guidance document that provides instruction in the overall decommissioning transition process

