




RIC 2014
Power Reactor Transition from Operating to Decommissioning

Douglas Broaddus
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation (NRR)
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Premature Power Reactor Shutdowns

- **Crystal River Unit 3** - Crystal River, Florida (February 2013)
- **Kewaunee Power Station** - Kewaunee, Wisconsin (May 2013)
- **San Onofre Nuclear Generating Station, Units 2 & 3** - San Clemente, California (June 2013)
- **Vermont Yankee Nuclear Power Station** - Vernon, Vermont (Planned Shutdown in Late 2014)
- **Oyster Creek Nuclear Generating Station** - Forked River, New Jersey (Planned Shutdown in 2019)




Transition Activities

- Notification of Permanent Cessation of Operation and Permanent Removal of Fuel from the Reactor
- Submittal of Post Shutdown Decommissioning Activities Report and Public Meeting
- Inspection Oversight
- Licensing Basis
- Program Oversight Responsibility



Transitioning from Operating to Decommissioning Regulatory Approach

- Licensing Basis Essentially Unchanged after Shutdown
- Following Established Precedent
- Lessons Learned from Plant Shutdowns in 1990s
- Significant Events since 2000
 - September 11, 2001 Attacks
 - March 11, 2011 Tōhoku Earthquake and Tsunami



Transition from Operating to Decommissioning NRR Role

- License Amendments
 - Defueled Technical Specifications
 - Revised Emergency Plan, Emergency Action Level scheme and Security Plan
 - Staffing, Training and Qualifications
- Exemptions from Title 10 Code of Federal Regulations (CFR)
 - Emergency Planning and Preparedness (10 CFR 50.47, Appendix E to Part 50)
 - Physical Protection (10 CFR Part 73)
 - Decommissioning Trust Fund (10 CFR 50.82)
- Requests to Rescind or Relax Japan Lessons Learned Actions
 - Orders
 - 10 CFR 50.54(f) requests for information



Transition from Operating to Decommissioning NRR Role (Continued)

- Focal Point for Coordination and Communications
- Co-Chair of Inter-Office Working Group on Decommissioning Transition with the Office of Federal and State Materials and Environmental Management (FSME)



Coordination and Communications

- NRC Working Group on Decommissioning Transition
 - NRR, FSME, Office of Nuclear Security and Incident Response, Regional Offices and Office of Nuclear Materials Safety and Safeguards
 - Short Term: Increase Effectiveness of Existing Process
 - Facilitate Resolution of Challenges
 - Enhance Communications and Coordination
 - Long Term: Recommend Regulatory Changes to Improve the Process
 - Rulemaking and Guidance Development
 - Policy Changes
- Public and Intergovernmental Meetings and Outreach
