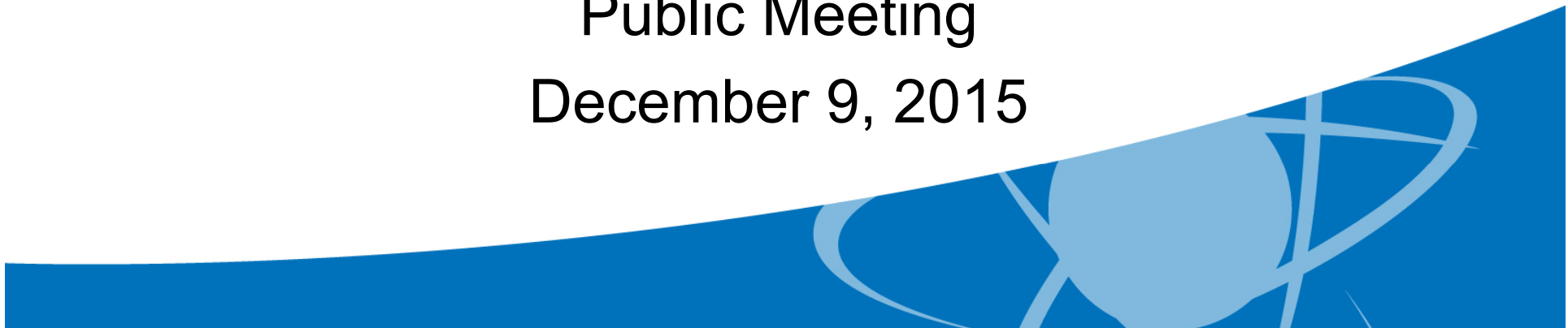


# Regulatory Improvements for Decommissioning Power Reactors

Discussion of Advance Notice of Proposed  
Rulemaking  
80 FRN 72358

Public Meeting  
December 9, 2015



# ANPR Goals



- More efficient decommissioning process
- Reduce the need for exemptions from regulations
- Support the principles of good regulation (openness, clarity and reliability)

# Overview of ANPR



- Background/history of decommissioning power reactors
- Need for regulatory action?
- Exemptions/Current process
- Solicitation of Information in the *Federal Register Notice*

# Today's meeting (morning)



- 10:00 am – 10:10 am Welcome/Introduction/Logistics
- 10:10 am – 10:30 am Overview of ANPR
- 10:30 am – 11:00 am Current Regulatory Approach to Decommissioning
- 11:00 am - 11:30 am Decommissioning Trust Fund
- 11:30 am - 12:00 pm Certified Fuel Handler Training, Staffing Levels and Definition of Control Room
- 12:00 pm - 12:20 pm Aging Management

# Today's meeting (afternoon)



1:20 pm - 1:50 pm	Security/Cybersecurity
1:50 pm - 2:20 pm	Part 26 / Fitness for Duty
2:20 pm - 3:00 pm	Emergency Planning
3:00 pm - 3:20 pm	BREAK
3:20 pm - 3:40 pm	Onsite / Offsite Insurance
3:40 pm - 4:00 pm	Backfitting and Issue Finality
4:00 pm - 4:20 pm	Regulatory Analysis
4:20 pm - 5:00 pm	Path Forward and Public Meeting Closure

# Current Regulatory Approach



- REG-1: Options for Decommissioning and the 60 Year Timeframe
- REG-2: NRC Review of Post Shutdown Decommissioning Activities Report (PSDAR)
- REG-3: Public, State, and Other Stakeholder Interactions during Decommissioning

# Decommissioning Trust Fund



- DTF-1: Commingled funds in single trust account
- DTF-2: Use of decommissioning funds

# CFH Training/Staffing & Control Room



- CFH-1: Certified Fuel Handler Training and Qualification
- GEN-2: Minimum staffing level
- GEN-3: Role of control room during decommissioning



# Aging Management



- GEN-1: Maintenance of structures and components during decommissioning

# Security



- PSR-1 addresses security regulations in general
- PSR-2 addresses changes related to the storage of spent nuclear fuel
- PSR-3 asks if you would like to see additional guidance
- PSR-4 specifically addresses target sets
- PSR-5 addresses central alarm stations and secondary alarm stations
- PSR-7 addresses severe weather operations
- PSR-8 addresses continuous communications

# Cybersecurity



- PSR-6 addresses the protection of digital computer and communication systems and networks.

# Part 26



- FFD-1: Application of Part 26 (drug and alcohol testing) to decommissioning reactor licensees
- FFD-2: Application of fatigue management requirements to decommissioning reactor licensees

# Emergency Planning



- EP-1: Identification of Potential EP Regulatory and Guidance Changes
- EP-2: Use of Tiered Approach for Modifying EP Requirements
- EP-3: Potential Changes Involving Offsite Emergency Planning
- EP-4: Emergency Plan Change Process for Decommissioning Sites
- EP-5: EP Program Review Requirements for Decommissioning Sites
- EP-6: Changes to Emergency Response Data System Requirements
- EP-7: NRC Notification of Emergencies by Decommissioning Licensees
- EP-8: Reporting of Loss of Emergency Response Capabilities

# Onsite/Offsite Insurance



- ODI-1: Insurance to stabilize conditions and decontaminate the site following an accident during decommissioning
- LPI-1: Reduction in primary offsite liability insurance coverage under Price-Anderson and withdrawal from secondary insurance pool

# Backfit & Issue Finality



- BFP-1: Why would backfitting apply to decommissioning?
- BFP-2: Need for separate backfitting regulation for decommissioning?

# Regulatory Analysis



- GEN-5: Costs of benefits of proposed regulatory changes



# Other Issues?



- GEN-4: Other items to address in this rulemaking?

# Path Forward

- Regulatory Basis Phase
  - Draft will go out for public comment
  - Public meeting during comment period
- Proposed Rule Phase
  - Proposed rule out for 75-day public comment period
  - Public Meeting during comment period
  - Draft regulatory guide(s) out for comment with proposed rule
- Final Rule Phase
  - Regulatory guide(s) issued with final rule

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Note: Public Comments on ANPR Due January 4<sup>th</sup>, 2016