



NRC Update

**2014 National Radiological Emergency
Preparedness Conference**

Robert Lewis, Director
Division of Preparedness and Response

Topics for Discussion

- **Emergency Preparedness Activities**
 - 2012 EP Rule Implementation
 - Decommissioning Reactors
 - Near Term Task Force (Fukushima)
 - New Reactors
 - New NRC ops center
- **Special Interest Topics**
 - Cyber Security, Force-on-Force, Waste Confidence

2011 EP Rule

- ETE updates
 - Due in December 2012
 - Supports new PAR strategy
 - Must wait 180-days before using and submitting to State
 - NRC reviews almost completed
- HAB Exercises
 - 8 have occurred
 - Safety – Security interface
 - Must be completed by end of 2015
 - Initiates new 8-year exercise cycle.
- NUREG-0654/FEMA-REP-1 Updates
- Performance-based EP research and SECY paper

Newly Decommissioning Reactors

- 5 reactors at 4 sites
- Regulatory Infrastructure for EP focuses on operating reactors
- Exemptions for EP and other issues being considered
- Last time process used was in 1999
- Interim Staff Guidance issued for comment

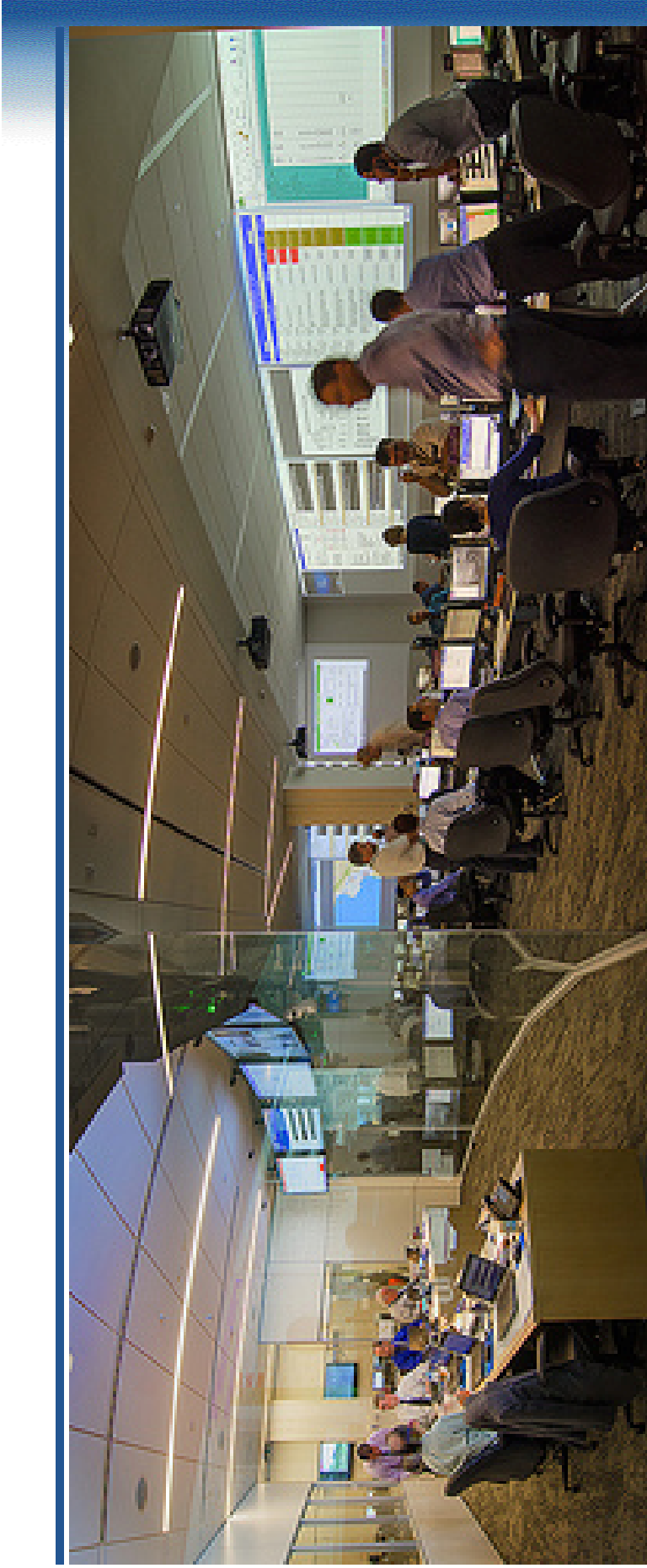
Fukushima Accident EP Activities



- Focus is on Multi-unit aspects of response - Staffing and Communications, dose assessment, equipment and facilities, training, and exercises
- Moving to rulemaking phase
- Tier 3 Near Term Task Force Recommendations in the future (Advanced Notice of Proposed Rulemaking)

New Reactors

- Vogtle and Summer: 4 AP1000 reactors under construction and have licenses
- Watts Bar
- 4 design certifications and 12 combined operating licenses under review
- Several Small, Modular Reactor (SMR) applications planned
- SMR have unique EP considerations



New NRC Ops Center, Flood

Cyber Security

- Cyber security plans and implementation schedules for each reactor approved by NRC
- Formation of NRC Cyber Security Directorate
- NEI 13-10 Cyber Security Control Assessments
- Difficult and evolving issue



Force-on-Force (FOF) Inspection Program Enhancements

- NRC conducted Pilot inspections of Licensee Annual FOF Exercises in 2013
- Force-on-Force Inspection Program Revised and Issued 2014
- Significance Determination Process Revised and Issued 2014



Waste Confidence

- Background
 - U.S. Court of Appeals ruling (June 2012)
 - Required NRC address three deficiencies
 - Commission Direction
 - Continue staff reviews. Do not issue a final license.
 - Complete an EIS and new waste confidence rule within 24 months
- Staff met schedule to publish draft EIS and proposed rule, September 2013
- On Schedule to publish final EIS and Rule by August 2014

Thank You

