

# **Briefing on NRR Programs, Performance, and Plans**

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# Acronyms for Office of Nuclear Reactor Regulation Programs Briefing

<b>ACRS</b>	<b>Advisory Committee on Reactor Safety</b>
<b>ADAMS</b>	<b>Agencywide Documents Access and Management System</b>
<b>ANPR</b>	<b>Advanced Notice of Proposed Rulemaking</b>
<b>BNL</b>	<b>Brookhaven National Laboratory</b>
<b>BWR</b>	<b>Boiling Water Reactor</b>
<b>CFR</b>	<b>Code of Federal Regulations</b>
<b>CNS</b>	<b>Convention on Nuclear Safety</b>
<b>CWP</b>	<b>Centralized Work Planning</b>
<b>CY</b>	<b>Calendar Year</b>
<b>DEDO</b>	<b>Deputy Executive Director for Operations</b>
<b>DEIS</b>	<b>Draft Environmental Impact Statement</b>
<b>EIS</b>	<b>Environmental Impact Statement</b>
<b>EPU</b>	<b>Extended Power Uprate</b>
<b>FR</b>	<b>Federal Register</b>
<b>FRN</b>	<b>Federal Register Notice</b>
<b>FY</b>	<b>Fiscal Year</b>
<b>GALL</b>	<b>Generic Aging Lessons Learned Report</b>
<b>GL</b>	<b>Generic Letter</b>
<b>GPRA</b>	<b>Government Performance and Results Act</b>
<b>GSI</b>	<b>Generic Safety Issue</b>
<b>IAEA</b>	<b>International Atomic Energy Agency</b>
<b>INPO</b>	<b>Institute for Nuclear Power Operations</b>
<b>IT</b>	<b>Information Technology</b>
<b>MD</b>	<b>Management Directive</b>
<b>MUR</b>	<b>Measurement Uncertainty Recapture Power Uprates</b>
<b>NEA</b>	<b>Nuclear Energy Agency</b>
<b>NEI</b>	<b>Nuclear Energy Institute</b>
<b>NEPA</b>	<b>National Environmental Policy Act</b>
<b>NFPA</b>	<b>National Fire Protection Association</b>
<b>NRC</b>	<b>Nuclear Regulatory Commission</b>
<b>NRR</b>	<b>Office of Nuclear Reactor Regulation</b>

## Acronyms, continued

<b>NTEU</b>	<b>National Treasury Employees Union</b>
<b>NSIR</b>	<b>Office of Nuclear Security and Incident Response</b>
<b>OEDO</b>	<b>Office of the Executive Director for Operations</b>
<b>OGC</b>	<b>Office of the General Counsel</b>
<b>OHR</b>	<b>Office of Human Resources</b>
<b>OIG</b>	<b>Office of Inspector General</b>
<b>OIP</b>	<b>Office of International Programs</b>
<b>OMB</b>	<b>Office of Management and Budget</b>
<b>OPA</b>	<b>Office of Public Affairs</b>
<b>OSART</b>	<b>Operational Safety Assessment Review Team</b>
<b>PART</b>	<b>Program Assessment Rating Tool</b>
<b>PBPM</b>	<b>Planning, Budgeting, and Performance Management</b>
<b>PWR</b>	<b>Pressurized Water Reactor</b>
<b>R&amp;R</b>	<b>Roles and Responsibility</b>
<b>RAI</b>	<b>Request for Additional Information</b>
<b>RES</b>	<b>Office of Nuclear Regulatory Research</b>
<b>RIC</b>	<b>Regulatory Information Conference</b>
<b>ROETF</b>	<b>Reactor Operating Experience Task Force</b>
<b>ROP</b>	<b>Reactor Oversight Program</b>
<b>RTR</b>	<b>Research and Test Reactor</b>
<b>SPU</b>	<b>Stretch Power Uprate</b>
<b>SRM</b>	<b>Staff Requirements Memorandum</b>
<b>SRP</b>	<b>Standard Review Plan</b>
<b>SSIAP</b>	<b>Safety-Security Interface Advisory Panel</b>
<b>SWP</b>	<b>Strategic Workforce Planning</b>

# Agenda

- **Mission Statement**
- **Human Capital Action Plan**
- **Communications Program**
- **International Activities**
- **Streamlining/Efficiencies**
- **Major Program Accomplishments and Challenges**
  - **License Amendments**
  - **Power Uprates**
  - **License Renewal**
  - **Rulemaking**
  - **Progress on Fire Protection**
  - **Progress on Generic Safety Issue - 191**
  - **Operating Experience**
- **Summary**

# **Mission Statement**

**The Office of Nuclear Reactor Regulation supports the NRC mission to protect public health, safety, and the environment by developing and implementing rulemaking, licensing, oversight, and incident response programs for reactors. We conduct these activities in a manner that develops trust and is consistent with the NRC organizational values.**

# **Human Capital Action Plan**

- **Strategic Alignment**
- **Work Planning**
- **Workforce Utilization**
- **Knowledge Transfer**

# **Communications Program**

- **Communications Assistant**
- **Internal Communications**
- **Public Outreaches**
- **Communication Tools**

# **International Activities**

- **Operating Experience**
- **Convention on Nuclear Safety**
- **Operational Safety Assessment Review Team**
- **Bilateral Regulatory and Safety Information Exchanges**



# **Streamlining/Efficiencies**

- **License Renewal Steering Committee**
- **Reactor Operating Experience Task Force**
- **Review of Internal Information Needs**
- **Centralized Work Planning**

# **License Amendments**

- **Overall licensing performance**
- **Assessments and improvements in progress**
- **Integration of security activities into the licensing process**

# **Power Upgrades**

- **Approved 104 upgrade applications**
  - **Approximately 4325 MWe**
- **Currently under review**
  - **12 applications**
- **Challenges**
  - **Operating experience feedback**
  - **Updating Guidance Documents**

# Reactor License Renewal

- **Completed: 30 reactors**
- **Reviewing: 18 reactors**
- **Continuing audit process**
- **Implementing process improvements**

# **Recent Rulemaking Accomplishments**

- **50.48, Final Rule –National Fire Protection Association 805**
- **50.48, Proposed Rule – Fire Protection Manual Actions**
- **50.69, Final Rule – Special Treatment**
- **50.46, Proposed Rule – Break Size Redefinition**

# **Rulemaking Challenges**

- **Part 26, Proposed Rule – Fitness-for-Duty**
- **Part 73, Security Rules**
- **Part 52, New Reactor Update**

# **Fire Protection Activities**

- **Risk-Informed Performance-Based Rule Application**
- **Post-Fire Safe-Shutdown Circuit Analysis**
- **Emerging Issues**

# **Generic Safety Issue (GSI)-191**

- **Reviewed Bulletin 2003-01 responses**
- **Reviewed Generic Letter (GL) 2004-02 90-day responses**
- **Evaluation of September 2005 GL analysis results and corrective actions**



# **Operating Experience**

- **New Program Implemented**
- **Technical Teams Formation**
- **International Cooperation**

# Summary

- **Future policy issues**
- **Challenges**
- **Commitment to continuous improvement to address challenges**