

Briefing on NRR Programs, Performance, and Plans

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Acronyms for Office of Nuclear Reactor Regulation Programs Briefing

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

Acronyms, continued

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

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 Uprates

- **Approved 104 uprate 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**