

OFFICE OF NUCLEAR REACTOR REGULATION
PROPOSED FUNCTIONAL STATEMENTS

OFFICE OF NUCLEAR REACTOR REGULATION

NRR is responsible for accomplishing key components of the NRC's nuclear reactor safety mission. As such, NRR conducts a broad range of regulatory activities in the four primary program areas of rulemaking, licensing, oversight, and incident response for commercial nuclear power reactors, and test and research reactors to protect the public health, safety, and the environment. NRR works with the regions and other offices to accomplish its mission and contribute to the agency mission.

PROGRAM MANAGEMENT, POLICY DEVELOPMENT & PLANNING STAFF

Provides leadership and manages strategic and programmatic planning, short-range program planning, resource forecasting and allocation, and budgeting through the planning, budgeting, and performance management (PBPM) process. Manages, controls and coordinates the execution of the Office's financial resources and associated contracting activities. Provides independent review of office policy papers and issues to ensure completeness, accuracy, consistency with budgeted resources, and adherence to agency and office policy. Provides and enhances communication to stakeholders. Provides oversight and support of information management and technology. Provides administrative and management support in areas including human resource management, work planning, tracking and coordination, facility management, training, FOIA coordination, and principal correspondence. Facilitates continuous organizational improvement by developing and improving Office infrastructure.

ASSOCIATE DIRECTOR FOR ENGINEERING AND SAFETY SYSTEMS

Provides management direction of technical evaluations and assessment of technical issues including systems safety, and engineering. Interacts with the other associate directors to resolve or recommend resolution of policy on major office-level programmatic issues. Responsible for the NRR allegations program.

DIVISION OF SAFETY SYSTEMS

Provides nuclear plant systems-related analysis to assess the appropriateness of changes to existing licenses including amendments, exceptions, extensions, and applications for new facilities or designs. This analysis focuses on plant safety-related and non-safety-related systems (balance of plant), core physics, and core thermal hydraulics performance. Provides expertise for other related purposes such as specific safety issue resolution, special inspections, and event and incident response.

DIVISION OF COMPONENT INTEGRITY

Performs engineering-related safety evaluations of licensee's implementation of NRC requirements, changes to existing licenses including license extensions, and applications for new facilities or designs. Expertise focus includes materials engineering, nondestructive examination techniques, flaw evaluation and repair, and reactor coolant system component integrity and fabrication. Provides engineering expertise for special inspections, projects, programs, and policy activities.

DIVISION OF ENGINEERING

Performs engineering-related safety evaluations of licensee's implementation of NRC requirements, changes to existing licenses including license extensions, and applications for new facilities or designs. Expertise focus includes mechanical, civil, and electrical engineering, as well as instrumentation and control systems, and quality assurance. Provides related expertise for special inspections, projects, programs, and policy activities.

ASSOCIATE DIRECTOR FOR OPERATING REACTOR OVERSIGHT AND LICENSING

Provides overall policy, planning, and management direction for the project management and technical review of operating reactor licensing and license renewal activities, non-radiological environmental issues, standard technical specifications, and the reactor inspection and performance assessment programs. Provides management direction of technical evaluations and assessment of technical issues involving: operator licensing, human factors, and radiation protection. Interacts with the other associate directors to resolve or recommend resolution of policy and office-level programmatic issues.

DIVISION OF LICENSE RENEWAL

Provides centralized program management and technical reviews associated with license renewal and environmental activities.

DIVISION OF OPERATING REACTOR LICENSING

Implements the policy, programs, and activities, including coordinating licensing and technical reviews, associated with the overall safety and environmental project management for individual operating power reactors located in the Regions.

DIVISION OF INSPECTION AND REGIONAL SUPPORT

Develops policy and provides overall program management and planning for the reactor inspection and performance assessment programs for commercial nuclear power plants. Develops and oversees the radiation protection inspection programs. Implements programs and procedures to systematically assess and screen daily reactor events, coordinate the follow-up of events, and recommend corrective plant-specific and generic actions. Develops programs and guidelines to improve generic technical specifications and provides interpretations of technical specification requirements. Develops policies and guidance and implements the national program for the licensing of nuclear reactor operators. Develops programs and conducts reviews to ensure the effective consideration of human factors engineering in nuclear power plant design and operation and the adequacy of facility training programs and emergency operating procedures.

ASSOCIATE DIRECTOR FOR RISK ASSESSMENT AND NEW PROJECTS

Provides overall policy, planning and management direction for the project and technical review of design certifications, early site permits, and combined license applications. Provides management direction of probabilistic risk assessment activities, rulemaking, and policy and program implementation in licensee financial, insurance, indemnity, and antitrust matters. Provides management direction for the agency's Generic Communication program and its oversight of licensees that possess decommissioning plants or operate research and test reactors. Interacts with the other associate directors to resolve or recommend resolution of policy and off-level programmatic issues.

DIVISION OF NEW REACTOR LICENSING

Responsible as the project management organization for design certification application reviews, early site

permit application reviews, combined license application reviews and new reactor pre-application activities.

DIVISION OF RISK ASSESSMENT

Develops and implements policies and guidance for the use of probabilistic risk assessments in regulatory decision making and rulemaking. Performs and evaluates probabilistic safety assessments for nuclear power plants, evaluates severe accident issues as they relate to new plant designs and current generation plants, evaluates design basis containment, ventilation and fire protection systems performance, and performs and evaluates accident dose assessments. Provides expertise for other related purposes such as specific safety issue resolution, special inspections, and event and incident response.

DIVISION OF POLICY AND RULEMAKING

Responsible for the development, documentation, and implementation of policies and procedures for rules within NRR. Develops the policy and program implementation in licensee financial, insurance, indemnity, and antitrust matters. Manages the agency's Generic Communication program. Performs oversight of licensees who possess decommissioning plants or operate research or test reactors.