CURRENT FUNCTIONAL STATEMENTS

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS (NMSS)

Responsible for ensuring the public health and safety through licensing, inspection, and environmental reviews for all activities regulated by the Nuclear Regulatory Commission (NRC), except operating power and all non-power reactors and the safeguards technical review of all licensing activities, including export/import of special nuclear material, excluding reactors. Develops and implements NRC policy for the regulation of activities involving the use and handling of radioactive materials, such as: uranium recovery activities; fuel fabrication and development; medical, industrial, academic, and commercial uses of radioactive materials; safeguards activities; transportation of nuclear materials, including certification of transport containers, and reactor spent fuel storage; safe management and disposal of low-level and high-level radioactive waste; and management of related decommissioning. Identifies and takes action to resolve safety and safeguards issues, and directs NRC's contingency planning and emergency response operations dealing with accidents, events, incidents, threats, thefts, and radiological sabotage relating to licensed activities under its responsibility.

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS (NMSS)

Program Management, Policy Development and Analysis Staff

Provides focus and management attention on major office programs and issues. Develops office policy in non-technical areas and conducts independent review of office programs, including management control reviews. Provides program management of the NRC's Center for Nuclear Waste Regulatory Analyses. Provides management, control and coordination of the execution of the office's financial resources and associated contracting activities. Manages and provides leadership on strategic planning, short-range program planning, resource forecasting and allocation, and budgeting. Oversees the development and coordination of congressional testimony. Oversees, tracks, and coordinates special projects designated by the Office Director. Provides independent review of office-initiated policy papers and issues to ensure completeness, promptness, accuracy, and adherence to agency and office policy. Represents the office in conducting intra- and interagency special projects. Provides administrative and management support, including human resource management, training, information technology, systems analysis, and correspondence/action item control.

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS (NMSS)

Division of Fuel Cycle Safety and Safeguards

Develops, implements, and evaluates overall agency safety policy for fuel cycle, special nuclear material (SNM), uranium recovery (UR), and associated waste processing facilities licensed under the Atomic Energy Act of 1954, as amended, or certified in accordance with the Energy Policy Act of 1992. Directs the NRC's principal licensing, certification, inspection, environmental reviews, and other regulatory activities associated with these facilities to assure adequate safety and safeguards. Identifies and takes action to resolve, and directs NRC's contingency planning and emergency response operations dealing with accidents, events, incidents, threats, thefts, and radiological sabotage relating to licensed activities under its responsibility. Provides technical support for training and guidance to NRC headquarters and regional office licensing and inspection staff. Serves as the NRC's lead for DOE's Remedial Action Plans, for Title I sites under the Uranium Mill Tailings Radiation Control Act (UMTRCA).

Plans, coordinates, and manages the overall development and implementation of policies, and programs for activities covering various types of fuel-cycle facilities. Manages overall office-wide work related to vulnerability assessments and mitigative measures related to the security of materials regulated by NMSS. Manages the Integrated Safety Assessment (ISA) program to complete needed reviews. Leads divisional efforts using results of ISA review to identify and implement risk-informed program activities. Performs other special activities to support agency initiatives as needed, including coordinating activities to support fuel cycle infrastructure considerations necessary for future reactor designs and DOE external regulation. Reviews programmatic activities and identifies technical and policy options for regulations, regulatory guides, and policy statements.

Conducts criticality licensing reviews for uranium fuel processing and fabrication facilities, other source material processing facilities, other SNM facilities, and associated waste processing facilities, enrichment facilities including the gaseous diffusion facilities and plutonium fuel fabrication and processing facilities. Develops, coordinates, and oversees fuel-cycle inspection program to evaluate the implementation of NRC-required activities. Oversight of licensee activities include efforts to train, inspect, and assess effectiveness of licensees' implementation of regulatory requirements. Performs criticality inspections at various facilities.

Plans, coordinates, and manages the overall development and implementation of policies, and programs for activities covering various types of fuel-cycle facilities. Manages the day-to-day activities related to the regulatory policy and licensing actions for NRC programs for licensed uranium recovery and operating fuel manufacturing facilities and in NRC-licensed activities. Oversees the promulgation of regulatory requirements, the development of policy, and the conduct of licensing reviews related to such facilities. Conducts environmental assessments and prepares environmental impact statements related to licensing actions. Issues fuel cycle licenses, renewals, and amendments.

Conducts safety licensing reviews related to uranium recovery, conversion facilities, and fuel fabrication facilities. Provides technical support and guidance to the Regions on licensing and inspection activities. Reviews programmatic activities and identifies technical and policy options for regulations, regulatory guides, and policy statements. Develops and implements certification and licensing review procedures for facilities. Issues, renews, and amends certificates and licenses for the operating fuel-cycle facilities. Provides technical support for incident management and emergency responses at fuel cycle facilities, and to Agreement States on UR issues. Serves as the agency focal point for the Federal Dam Safety Program.

Plans and coordinates Licensee Performance Reviews and screening process for the Agency

Action Review Meetings.

Plans, coordinates, and manages the overall development and implementation of policies, and programs for activities covering the regulatory policy and licensing actions for NRC programs for the Mixed-Oxide Fuel Fabrication Facility (MFFF) and gas centrifuge facilities. Oversees the promulgation of regulatory requirements, the development of policy, and the conduct of licensing reviews related to such facilities. Conducts environmental assessments and prepares environmental impact statements related to licensing actions. Issues licenses upon completion of staff review and findings of regulatory compliance.

Serves as the focal point for implementation and overall coordination of the program activities. Conducts safety licensing reviews related to the MFFF and gas centrifuge facilities. Reviews programmatic activities and identifies technical and policy options for regulations, regulatory guides, and policy statements associated with regulation of fuel-cycle licensees. Develops and implements licensing and review procedures for licensing activities related to the MFFF and gas centrifuge facilities.

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS (NMSS)

Division of Industrial and Medical Nuclear Safety

Directs the NRC's principal rulemaking and guidance development, licensing, inspection, event response and regulatory activities for material licensed under the Atomic Energy Act of 1954, as amended, to ensure safety and quality associated with the possession, processing, and handling of nuclear material. Oversees health physics and radiation protection, nuclear safety review, and use of licensed materials in medicine, research, industry, and other purposes with a focus on assuring safety and the effective and efficient delivery of regulatory services. Plans, develops, monitors and directs technical rulemakings and regulatory guides, including those related to fuel cycle and materials, safeguards, transportation, decommissioning, the management of nuclear waste, and closure of uranium recovery facilities. Develops, documents and implements policies and procedures for developing regulations, regulatory actions and handling of petitions for rulemaking. Develops, implements, and evaluates material policies and the overall NRC materials regulatory program to assure program effectiveness and efficiency. Implements program improvements systematically and in an open manner with the support and input of internal and external stakeholders. Manages agency program for "exempt" use of radioactive material and for evaluation of sealed sources and devices. Provides technical support for training of regional and Agreement State licensing and inspection staffs. Provides technical support and guidance to the Regions on licensing, inspection, and enforcement activities and, upon request, to the Agreement States. Identifies and takes action to control safety issues; responds to allegations; and directs NRC contingency and response operations dealing with accidents, events, and incidents under its responsibility.

Responsible for the oversight and programmatic direction of materials uses associated with medical, academic, and industrial uses of byproduct materials including direction to the Regions regarding these activities. Responsible for incident response coordination and training, emergency preparedness policy and emergency response, and Operations Center coordination for nuclear materials events. Reviews licensee performance to determine the need for Information Notices, Bulletins and rulemaking. Provides regional coordination, allegation coordination, enforcement coordination, and event review and follow-up for the Office. Provides NMSS Radiation Safety Officer functions. Responsible for materials program budget formulation and Division operating plan maintenance. Identifies and resolves generic problems and policy issues. Develops policy and procedures for assessing regional performance of materials licensing and inspection activities, and coordinates Office participation in the Integrated Materials Performance Evaluation Program. Provides technical support for training of regional and Agreement State materials licensing and inspection staffs. Reviews programmatic activities and participates in the development of technical and policy operations for regulations, regulatory guides, and policy statements. Develops and implements technical and policy guidance related to sealed sources and devices for Headquarters, Regions and Agreement States. Conducts safety evaluation of sealed sources and devices. Conducts the exempt distribution licensing and the generally-licensed device registration programs. Plans and coordinates all activities involving the Advisory Committee on Medical Uses of Isotopes. Maintains all licensing database management systems including the Sealed Source and Device Registry, the General License Tracking System, and the License Tracking System.

Develops needed regulatory products (regulations, licensing and inspection guides, etc.) based on technical and scientific information; identified safety concerns; the potential for risks to workers, members of the public and the environment; petitions for rulemaking; and other information. Proposes or initiates rulemaking, as appropriate, and manages complex rulemakings that span the technical and organizational responsibilities of the Office, or that involve novel or complex questions of regulatory policy. Develops, documents, and implements policies and procedures needed for developing effective, coherent, consistent, and understandable regulations. Prepares regulatory analyses, including cost analysis on the impact of proposed regulatory activities. Considers risk significance of regulations. Coordinates the review and planning of all Office rulemaking activities and monitors and schedules rulemaking to ensure that rules are developed in time frame specified by Commission guidance. Manages the contracts necessary to support the development of regulatory products, and coordinates with other divisions, offices, government agencies, and national and international scientific and standards organizations having related responsibilities. Tracks, develops, coordinates and analyzes new and revised OMB Clearances for all information collection requirements related to Office program areas.

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS (NMSS)

Division of Waste Management and Environmental Protection

Directs the NRC's program for the regulation of Decommissioning, Environmental Protection, and Low-Level Waste (LLW). Responsible for implementation of the regulatory program under the Low Level Radioactive Waste Policy Amendments Act of 1985 (LLRWPAA) and implementation of the license termination criteria in Title 10, Code of Federal Regulations, Part 20. Also responsible for implementing the NRC's responsibilities stemming from the Ronald Reagan Defense Authorization Act for Fiscal Year 2005 (NDAA), which requires the NRC to consult with DOE on its incidental waste determinations for selected sites and to monitor selected DOE incidental waste disposal activities. Identifies and takes action to control safety issues under its responsibility. Develops, implements, and evaluates safety and environmental policies and long-range goals for these activities. Assumes lead responsibility for preparing Environmental Impact Statements (EISs) in the Office, supporting all divisions in the preparation of Environmental Assessments (EAs), and establishing policy and guidance for environmental reviews in the nothing. Provides guidance for regional activities relating to waste management and decommissioning. Interacts with other NRC offices, Federal and State organizations, Indian tribes, and other jurisdictions on matters under its cognizance. Represents NRC in international waste management and decommissioning activities. Coordinates with research to ensure regulatory commitments are achieved.

Serves as the focal point for implementing the NRC's materials and power reactor Decommissioning Program. Manages complex decommissioning activities including sites previously identified under the Site Decommissioning Management Plan. Conducts environmental and safety reviews related to decommissioning. This responsibility includes project management for power reactors and materials facilities undergoing decommissioning and terminating licenses when decommissioning is complete. Reviews reactor and materials license financial assurance plans for decommissioning and issues licenses and license amendments related to sites undergoing decommissioning. Reviews license termination plans submitted by power reactors, manages power reactor decommissioning after approval of the licensed operator program for permanently shut-down and de-fueled conditions and implementation of the de-fueling technical specifications. Implements an active interface program, including ongoing consultation with Federal, State, Indian tribe, and other entities to promote understanding of decommissioning programs and to identify and resolve concerns in a timely manner. Manages the program to inform industry and non-industry stakeholders about NRC's decommissioning program. Provides technical assistance to Agreement States on decommissioning issues.

Responsible for the management of four areas: Protection of the Environment, LLW Program, consultation with DOE on incidental waste determinations in accordance with the Ronald Reagan Defense Authorization Act for Fiscal Year 2005 (NDAA), and non-HLW Performance Assessment (PA) analyses. These responsibilities are discharged through the staff of the three Sections: (1) Environmental Review Section; (2) Low-Level Waste Section; and (3) Performance Assessment Section. The Directorate serves as the NMSS focus for the development of all office EIS' and review of all office EAs, and review of outside EIS'. Serves as the focus for implementation and overall coordination of the LLW program. Responsible for implementing the NRC responsibility under the NDAA. EPAD performs PA analysis and reviews using risk informed approaches for non-routine and complex cases to demonstrate

compliance with regulatory standards for the Decommissioning and LLW programs, as well as DOE incidental waste determinations and other programs as practicable. Interacts with other

NRC offices, Federal and State organizations, Indian tribes, and other jurisdictions on matters under its cognizance. Represents NRC in international LLW management and environmental activities. Coordinates with research to ensure regulatory commitments are achieved.

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS (NMSS)

Division of High-Level Waste Repository Safety

Serves as the focal point for project management, integration, technical evaluation, and overall coordination of the High-Level Waste (HLW) repository program consistent with the NRC Strategic Plan and associated Nuclear Waste Safety performance goals and strategies. Responsible for implementation of the regulatory program under the Nuclear Waste Policy Act (NWPA) of 1982, and implementation of the NRC and DOE procedural agreement governing pre-licensing consultation for HLW. The NRC has structured its pre-licensing program around key technical issues. The resolution of the issues by DOE is tracked by the NRC to ensure that potential health and safety issues are identified and addressed. The NRC reviews the DOE work relevant to each issue and conducts some independent technical work related to each issue. As the center for technical expertise in earth sciences, geotechnical, mechanical, and structural engineering, and material sciences disciplines, and quality assurance activities, conducts risk informed technical reviews in the HLW program. Develops guidance with respect to specific technical information required for strategies and methodologies, as well as risk informed-performance based, technical evaluations that would be acceptable to demonstrate licensee compliance with applicable high-level waste regulations. Ensures technical completeness, accuracy, and consistency within assigned technical responsibilities. Interfaces with the U.S. Environmental Protection Agency and others in the development of environmental radiation protection standards for high-level waste management and disposal. Reviews regulatory requirements and relevant pre-licensing, and licensing documents. Responsible for coordination with international community regarding engineering and geoscience activities in the HLW area. Responsible for engaging in activities to communicate with the public about the role of the NRC in the Nation's HLW program.

Serves as the focal point for implementing the NRC's project management and technical evaluation of engineering activities for the HLW repository program. The directorate oversees the implementation of the regulatory program under the Nuclear Waste Policy Act (NWPA) of 1982, and implementation of the NRC and DOE procedural agreements for HLW. The program managers will lead the HLW program effort in safety evaluations, transportation issues, and quality assurance. The directorate will also have lead responsibilities for the LSN support, records, and communications activities. Activities under the engineering safety responsibilities include review of surface design facilities, engineered barriers, safeguards, mechanical/thermal effects, and container life and source term. Develops guidance with respect to specific technical information required for strategies and methodologies, as well as risk informed-performance based, technical evaluations that would be acceptable to demonstrate licensee compliance with applicable high-level waste regulations. Ensures technical completeness, accuracy, and consistency within assigned technical responsibilities.

Serves as the focal point for the NRC's site and performance assessment technical review for the HLW repository program. These activities include performance assessment and safety assessment aspects. As the center for technical expertise in seismic, unsaturated/saturated zone flow, near field effects, radionuclide transport, and igneous activities, conducts risk informed technical reviews in the HLW program. Develops models and ensures integration within current programs. Develops guidance with respect to specific technical information required for technical evaluations that would be acceptable to demonstrate licensee compliance with applicable HLW regulations. Ensures technical completeness, accuracy, and consistency within assigned technical responsibilities.

OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS (NMSS)

Spent Fuel Project Office

Develops and implements the agency's regulatory, licensing, and inspection program for the storage of nuclear reactor spent fuel and the domestic and international transportation of radioactive materials. Serves as the agency lead in spent fuel storage and transportation activities. Develops licensing, certification, and quality assurance review criteria and policies. Manages and conducts the safety and environmental reviews of: (1) commercial transportation cask designs under 10 CFR Part 71 and spent fuel storage cask designs under 10 CFR Part 72, including the certification of storage systems under the general license provisions of 10 CFR Part 72; and (2) interim spent fuel and high-level waste storage facilities, including the licensing of nuclear utility specific facilities, private facilities, and a Department of Energy (DOE) centralized facility. Manages and conducts the review of DOE applications for storage and transport systems for the civilian high-level radioactive waste program. Conducts safety inspections of transport packages and spent fuel storage system vendors. Conducts safety inspections at independent spent fuel storage installations. Conducts inspections of the implementation of quality assurance programs by users, suppliers, and fabricators of NRC-certified transport packages and dry storage systems. Approves quality assurance programs for transportation activities and for fabrication of transportation packagings. Develops policy, regulations, and guidance for designers, users, and fabricators of NRC-certified transportation packages and dry spent fuel storage casks. Provides technical and policy guidance to the NRC Regions and licensees on transportation and spent fuel storage. Coordinates and develops guidance with other U.S. Government and International Agencies on transportation policy and safety issues, and provides guidance to industry and the public. Participates in the development of international transportation and spent fuel storage safety standards. Reviews and provides guidance on transportation physical protection issues. Provides technical support for incident and emergency response.

Manages and coordinates the safety and environmental reviews of transportation cask designs under 10 CFR Part 71 and spent fuel storage cask designs under 10 CFR Part 72, including the certification of storage systems under the general license provisions of 10 CFR Part 72. Manages and coordinates inspections and reviews of transportation packages, spent fuel storage system vendors, and independent spent fuel storage installations to assess compliance with provisions of licenses or certificates. Directs the inspections of the implementation of quality assurance programs by users, suppliers, and fabricators of NRC-certified transport packages and dry storage systems. Directs the approve of quality assurance programs for transportation activities and for fabrication of transportation packagings. Directs the development of policy, regulations and guidance for designers, users and fabricators of NRC-certified transportation packages and spent fuel storage casks, and participates in the development of international transportation and spent fuel storage safety standards. Provides technical support for incident and emergency response.

Manages and coordinates the technical safety evaluation of commercial transportation cask designs under 10 CFR Part 71 and of spent fuel storage cask designs under 10 CFR Part 72, including the certification of storage systems under the general license provisions of 10 CFR Part 72. Directs the technical safety review of interim spent fuel and high-level waste storage facilities under 10 CFR Part 72. Directs the technical safety review of DOE applications for storage and transport systems for the civilian high-level radioactive waste program. Directs the development and maintenance of technical guidance for the design, analysis, fabrication, and operation of spent fuel and non-spent fuel shipping containers under 10 CFR Part 71, and spent fuel storage cask designs, and interim spent fuel and high-level waste storage facilities

under 10 CFR Part 72. Provides technical support for issuance of technical and policy guidance and technical support for incident and emergency response.

CURRENT FUNCTIONAL STATEMENTS

OFFICE OF STATE AND TRIBAL PROGRAMS (OSTP)

Responsible for establishing and maintaining effective communications and working relationship between the NRC and States, local government, other Federal agencies and Native American Tribal Governments. Serves as the primary contact for policy matters between NRC and these external groups. Keeps the external groups informed on NRC activities. Keeps the Agency appraised of these groups' activities as they may affect NRC and conveys to NRC management these groups' views toward NRC policies, plans, and activities. Administers the Agreement State Program.