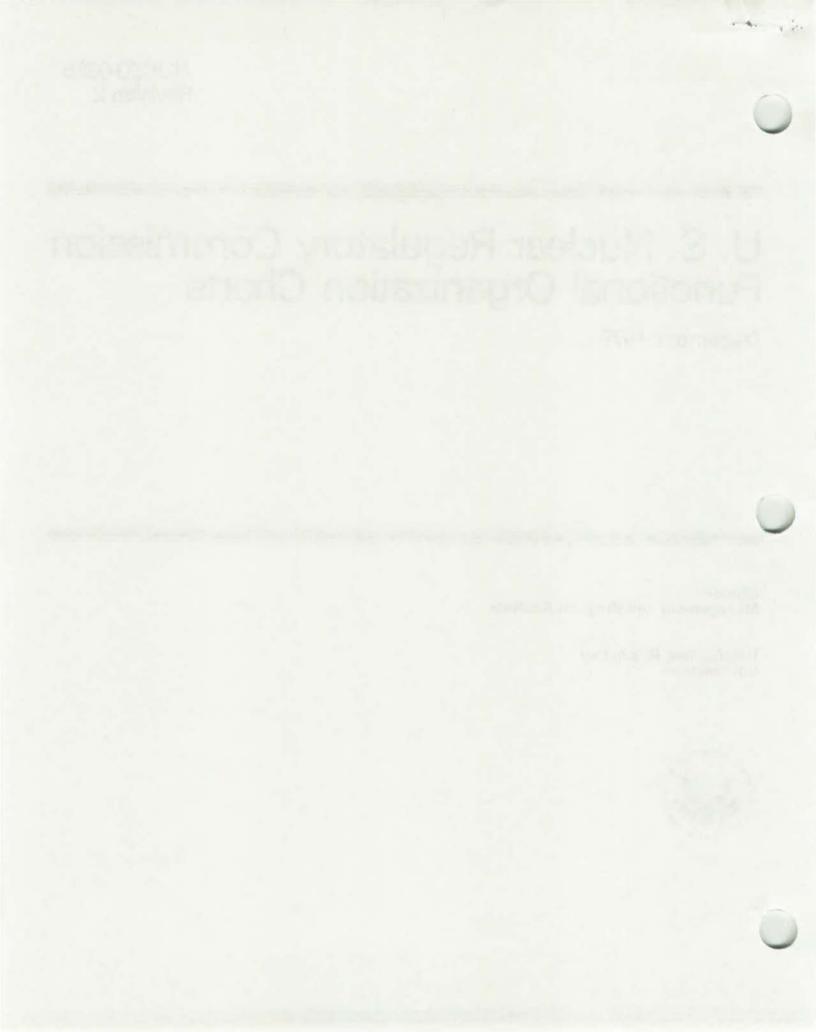
U. S. Nuclear Regulatory Commission Functional Organization Charts

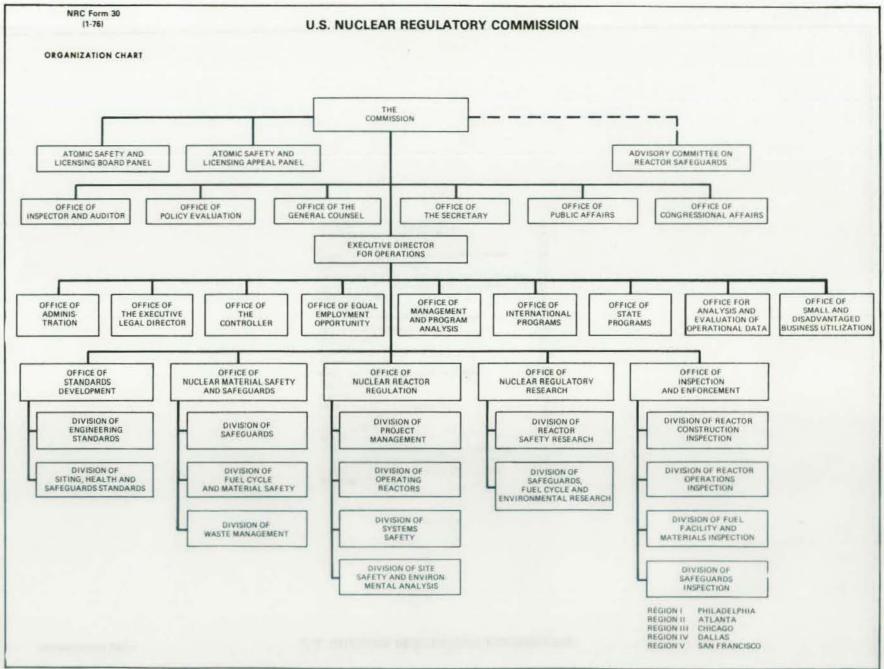
December 1979

Office of Management and Program Analysis

U.S. Nuclear Regulatory Commission







U.S. NUCLEAR REGULATORY COMMISSION

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U. S. NUCLEAR REGULATORY COMMISSION

THE COMMISSION

The Commission is responsible for licensing and regulating nuclear facilities and materials and for conducting research in support of the licensing and regulatory process, as mandated by the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974, as amended, and the Nuclear Nonproliferation Act of 1978; and in accordance with the National Environmental Policy Act of 1969, as amended, and other applicable statutes. These responsibilities include protecting public health and safety, protecting the environment, protecting and safeguarding materials and plants in the interest of national security; and assuring conformity with antitrust laws. Agency functions are performed through: standards-setting and rulemaking; technical reviews and studies, conduct of public hearings, issuance of authorizations, permits and licenses; inspection, investigation and enforcement; evaluation of operating experience, and confirmatory research. The Commission is composed of five members, appointed by the President and confirmed by the Senate, one of whom is designated by the President as Chairman. The Chairman is the principal executive officer and the official spokesman of the Commission.

John F. Ahearne Victor Gilinsky Richard T. Kennedy Joseph M. Hendrie Peter A. Bradford Chairman Commissioner Commissioner Commissioner Commissioner

U.S. NUCLEAR REGULATORY COMMISSION

ATOMIC SAFETY AND LICENSING BOARD PANEL

Develops procedures applicable to activities of hearing Boards and makes appropriate recommendations to the Commission relating to the conduct of hearings, and hearing procedures for the guidance of the Boards. Atomic Safety and Licensing Boards conduct such hearings as the Commission may authorize or direct; make such intermediate or final decisions as the Commission may authorize in proceedings to grant, suspend, revoke, or amend licenses or authorizations; and perform such other regulatory functions as the Commission deems appropriate.

Chairman(Acting) Executive Secretary Robert M. Lazo Robert M. Lazo

ATOMIC SAFETY AND LICENSING APPEAL PANEL

The organizational body from which are drawn Atomic Safety and Licensing Appeal Boards for particular proceedings. Appeal boards exercise the authority and perform the review functions which would otherwise be exercised and performed by the Commission in (1) facility licensing proceedings under 10 CFR Part 50 and (2) such other licensing proceedings as the Commission may specify. Appeal boards perform such other regulatory functions as may be delegated to them by the Commission.

Chairman Vice Chairman Alan S. Rosenthal John H. Buck

ADVISORY COMMITTEE ON REACTOR SAFEGUARDS

Reviews safety studies and applications for construction permits and facility operating licenses and makes reports thereon; advises the Commission with regard to hazards of proposed or existing reactor facilities and the adequacy of proposed reactor safety standards; upon request of the Department of Energy (DDE) reviews and advises with regard to the hazards of DDE nuclear activities and facilities; reviews any generic issues or other matters referred to it by the Commission for advice. On its own initiative may conduct reviews of specific generic matters or nuclear facility safety-related items. Conducts studies of reactor safety research and prepares and submits annually to the U.S. Congress a report containing the results of such study.

Chairman

Max W. Carbon

Vice-Chairman

Milton S. Plesset

ACRS STAFF Executive Director

Responsible for providing technical management and administrative support to the Advisory Committee on Reactor Safeguards, a statutory committee charged with advising the Muclear Regulatory Commission on the safety of proposed or existing reactor facilities and the adequacy of proposed reactor safety standards, and performing other such duties as the Commission may request. Supervises the ACRS Technical and Administrative Staff.

Executive Director

R. F. Fraley

ACRS FELLOWSHIP PROGRAM

Assists the Committee in carrying out its functions by providing reviews and reports on: 1. Generic Issues

- Specific items relative to individual project reviews
- 3. Reactor Safety Research

15 Fellows

ASSISTANT EXECUTIVE DIRECTOR

Supervises ACRS Fellowship Program. Maintains and provides guidance, direction and support for panel of ACRS consultants and advisors. Responsible for staff activities related to FOIA and FACA. Supervises ACRS Staff engaged in technical information and administrative matters.

Asst. Executive Director

M. C. Gaske

ASSISTANT EXECUTIVE DIRECTOR FOR PROJECT REVIEW

Coordinates ACRS Technical Staff activities for review of proposed nuclear reactor facilities, related standards and generic matters. Plans and schedules ACRS Subcommittee activity to review nuclear facility applications referred to ACRS. Supervises activities of Project Review Branches 1 and 2.

Asst. Exec. Dir. for Project Review,

M. W. Libarkin

Operations Support Branch

Plans, directs and coordinates operational and staff support activities for the ACRS, including the following. Formulates ACRS budget requests and decision packages and provides justification for budget requests. Initiates and insures action on ACRS personnel requests. Provides travel and logistic support services for ACRS Members and Consultants. Responsible for license fee manpower accounting for ACRS. Provides administrative and contractual support for ACRS Fellowship Program.

Chief

R. E. McKinney

Technical Information Branch

Operates an integrated record system to serve needs of ACRS and staff. Coordinates classification and indexing on Technical Documents related to ACRS reviews to insure availability on short notice. Supervises and coordinates ACRS mail, file, and reference systems and responses to public requests under FOLA. Performs technical research assignments and assists the Committee, Executive Director and staff in the identification and retrieval of reports relevant to specific topics. Ensures the ACRS records system is managed in accordance with provisions of the Privacy Act.

Chief

H. E. Voress

Project Review Branch #1

Reviews and evaluates, for the ACRS, the hazards associated with the siting, design, development and operation of nuclear facilities. Coordinates the activities of ACRS project subcommittees. ACRS Consultants, the NRR Staff and the applicants involved in the ACRS review of nuclear projects. Prepares reports of ACRS subcommittee meetings for the record. Maintains reports on operating reactors and ensures the Committee Members are kept informed on abnormal occurrences. Prepares reports as directed on specific areas of nuclear reactor safety technology for ACRS Members' use.

Chief J. C. McKinley

Project Review Branch #2

Reviews and evaluates, for the ACRS, the hazards associated with the siting, design, development and operation of nuclear facilities. Coordinates the activities of ACRS project subcommittees, ACRS consultants, the NRR Staff and the applicants involved in the ACRS review of nuclear projects. Prepares reports of ACRS subcommittee meetings for the record. Maintains reports on operating reactors and ensures the Committee Members are kept informed on abnormal occurrences. Prepares reports as directed on specific areas of nuclear reactor safety technology for ACRS Members' use.

Chief

T. G. McCreless

OFFICE OF INSPECTOR AND AUDITOR

Conducts investigations and inspections to ascertain and verify the integrity of all NRC operations, investigates allegations of NRC employee misconduct and equal employment opportunity and civil rights complaints; develops policies and standards governing the Commission's financial and management audit program, and administers Commission's day-today audit activities; serves as point of contact with the GAO on matters affecting NRC's financial and management audit function; makes such reports to the Commission as necessary to keep the Commission fully informed on its financial management responsibilities, and on the results of investigations and inspections, hears individual employee concerns regarding NRC operations and activities; refers criminal matters to the Dept. of Justice and maintains liaison with the Dept. of Justice and other law enforcement agencies.

Director

James J. Cummings

ASSISTANT DIRECTOR FOR AUDITS

Directs the overall NRC audit program including the development of necessary policies, standards and procedures for execution of audits, interprets established audit policies, standards and procedures; executes and provides coordination of the audit program as it relates to the activities of Headquarters and Regional Offices, provides liaison between NRC Offices, GAO and other audit organizations; reviews the audit work performed on a selected basis and reviews and concurs in audit reports prepared by audit branches.

Assistant Director

George Messenger

ASSISTANT DIRECTOR FOR INVESTIGATIONS

Directs the overall NRC investigative and inspection program including the development of policies, standards and procedures; prepares reports of possible violations of criminal laws and other irregularities in the administration of Commission programs and activities; maintains liaison with the Department of Justice and other law enforcement agencies; and assists and maintains close liaison with all elements within NRC in the conduct and supervision of investigations involving possible criminal activities including the review of IE investigations for possible criminality.

Assistant Director

Investigative Staff

Develops and implements the Commission's investigative policies and procedures; plans, directs, conducts and controls investigations of alleged irregularities, employee misconduct, equal employment opportunity and civil rights complaints and impropriety of actions on the part of NRC employees or in connection with programs administered by NRC; prepares reports of possible violations of criminal laws and other irregularities in the administration of Commission programs and activities; maintains Tiaison with the Department of Justice and other investigative agencies on inspection and investigative matters.

Administration and Program Direction Audits Branch

ORGANIZATION CHART

Plans organizes, directs, conducts and controls continuing audits of NRC Administrative and Program Direction activities, prepares reports of audits setting forth findings and appropriate recommendations for corrective action, determines that reports have been reviewed and properly acted upon and our in accordance with GAO standards for auditing, follows up on audit recommendations and brings to the attention of proper officials any matters on which corrective action has not been taken.

Chief

Art Schnebelen

Research Audits Branch

Plans, organizes, directs, conducts and controls continuing audits of NRC Research and Contracts activities, including Reactor Safety Research, Safeguards Research, and Fuel Cycle and Environmental Research, prepares reports of audits setting forth findings and appropriate recommendations for corrective action, determines that reports have been reviewed and properly acted upon and are in accordance with GAO standards for auditing, follows up audit recommendations and brings to the attention of proper officials any matters on which corrective actions has not been taken.

Chlef

Alphonse Gauthier

Safety and Enforcement Audits Branch

Plans, organizes, directs, conducts and controls continuing audits of NRL Safety and Enforcement activities including inspection and Enforcement, Regional Offices and Nuclear Material Safety and Safeguards, prepares reports of audits setting forth findings and appropriate recommendations for corrective action, determines that repurts have been reviewed and properly acted upon and are in accordance with GAO standards for auditing, follows up on audit recommendations and brings to the attention of proper officials any matters on which corrective action has not been taken.

Chief

Harry Boulden

Roger Fortuna

Licensing and Standards Audits Branch

Plans, organizes, directs, conducts and controls continuing audits of NRC Licensing and Standards activities, including Reactor, foel and Materials Licensing and Standards Development; prepares reports of audits setting forth findings and recommendations for corrective action, determines that reports have been reviewed and properly acted upon and are in accordance with GAD standards for auditing, follows up on audit recommendations and brings to the attention of proper officials any matters on which corrective action has not been taken.

Chief

Fred Herr

ORGANIZATION CHART

OFFICE OF POLICY EVALUATION

Provides overall planning and management of activities involved in performance of an independent review of positions developed by the NRC staff which require policy determinations by the Commission; conducts analyses and projects either self-generated or requested by the Commission.

Director

Edward J. Hanrahan

ASSISTANT DIRECTOR FOR POLICY REVIEW

Brings significant policy issues to the attention of the Commission in a timely manner; reviews issue papers and policy recommendations to determine their compatibility with Commission decisions and policy assumptions; undertakes planning activities to assist the Commission in dealing with forthcoming issues.

Assistant Director

Bernard J. Snyder

ASSISTANT DIRECTOR FOR TECHNICAL REVIEW

Provides independent technical review of policy papers coming to the Commission to assure completeness and accuracy; provides technical direction and input to studies conducted by the Office of Policy Evaluation, and technical advice and guidance upon request to projects conducted by other NRC offices or outside agencies; provides technical analyses of NRC policies, programs and activities using economic, statistical and operations research techniques.

Assistant Director

Albert P. Kenneke

ASSISTANT DIRECTOR FOR MANAGEMENT AND PROGRAM EVALUATION

Assists the Director, OPE, through the direction and conduct of special, highly sensitive studies of the nuclear regulatory program requested by the Commissioners and the Director, OPE, to provide them with recommendations and advice on major policy matters.

Assistant Director

Dennis K. Rathbun

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ORGANIZATION CHART

U.S. NUCLEAR REGULATORY COMMISSION

OFFICE OF THE GENERAL COUNSEL

Directs matters of law and legal policy, providing advice and assistance to the Commission and to the Offices reporting to the Commission with respect to all activities of the NRC; reviews and prepares appropriate decisions on ASLAB decisions and rulings, public petitions seeking direct Commission action, and rulemaking proceedings involving hearings; represents and protects the interests of the NRC in court proceedings, and in relation to other government agencies, Committees of Congress, foreign governments, and members of the public.

General Counsel

Leonard Bickwit

U.S. NUCLEAR REGULATORY COMMISSION ORGANIZATION CHART OFFICE OF THE SECRETARY OF THE COMMISSION Develops policies and procedures for the provision of complete secretariat services required for the Historical Office discharge of Commission business and implementation of Commission decisions; advises and assists In accordance with direction provided by the Commisthe Commission, Offices reporting directly to the sion, develops policies and procedures for the NRC Commission, the Executive Director for Operations history program; plans and supervises historical reand his subordinate offices on the scheduling and search; establishes the format and content and superconduct of Commission business. Assistant Secrevises the preparation of the NRC history. tary performs functions of the Federal Advisory Committee Management Officer; maintains liaison with certain boards and advisory committees; and Chief Historian George T. Mazuzan acts as FOIA coordinator for Commission documents. Secretary Samuel J. Chilk Assistant Secretary John C. Hoyle Administrative and Logistical Plans Office Support Services Branch Performs studies and develops procedures to assure Provides staff services to the Commissioners and timely and accurate formulation of Commission Secretary on day-to-day administrative and logisschedules, forecasts and status of items requiring tical support operations; coordinates arrangements Commission consideration, and a responsive NRC for all VIP visitors to the Commission; operates a staff action process; assists in program development reproduction facility. and budget formulation. Edward W. McGregor Patricia A. Sullivan Correspondence and Records Docketing and Service Public Document Branch Operations Branch Branch Branch Provides guidance to NRC staff Receives and processes all cor-Develops and maintains official Plans, directs and administers on preparation and scheduling respondence for the Chairman. Commission dockets involving the activities of the NRC Public of Commission staff papers; rehearings and processes all re-Document Room; maintains facility Commissioners and offices reportviews papers for accuracy and ing directly to the Commission; sulting issuances; maintains for receiving, reviewing, processing, storing, and retrieving documents for public access; creates and maintains indices to completeness and assures their status check on NRC administraoperates a consolidated mail fative proceedings, rulemaking, and litigation of interest to proper processing and disseminacility for the Commissioners and tion; maintains status of staff other offices at Commission lev-NRC's public documents; mainpapers to include forecasts; deel; maintains continuous status NRC; receives all requests for velops and issues schedules of check on this correspondence to intervention, limited appearances tains microfiche collection; Commission business; assures assure timely response; processes and other adjudicatory filing in insures immediate availability regulatory proceedings; issues timely notification to Commisof records transmitted to the outgoing correspondence; mainsion of matters requiring review Public Document Room; makes tains Commission's official recall orders and other Commission available NRC press releases and other NRC documents for and decision; records Commission ords; serves as classified docupromulgations; transmits documeetings and provides NRC staff ment control officer for Commisments for publication in the Federal Register. public access. with information on Commission sion and offices reporting diactions; provides, in accordance rectly to Commission. with the requirements of the Government in the Sunshine Act, appropriate notice of open and clased meetings. Chief Walter A. Magee Chief Thomas R. Combs Chief Chase R. Stephens Chief Lynn B. Scattolini

NRC Form 30 (1-76)

ORGANIZATION CHART

U.S. NUCLEAR REGULATORY COMMISSION

OFFICE OF PUBLIC AFFAIRS

Develops policies and procedures for Commission approval for the preparation, clearance, and dissemination of information to the public and the newsmedia concerning NRC policies, programs, and activities; keeps NRC management informed on media coverage of activities of interest to the agency; plans, directs, and coordinates the activities of public information staffs located at regional offices.

Director

Joseph J. Fouchard

U.S. NUCLEAR REGULATORY COMMISSION

OFFICE OF CONGRESSIONAL AFFAIRS

Provides advice and assistance to the Commission and NRC staff on all NRC relations with Congress and views of Congress toward NRC policies, plans and activities; maintains liaison with Congressional Committees and members of Congress on matters of interest to NRC, serves as primary contact point for all NRC communications with Congress, reviewing and concurring in all outgoing correspondence to members of Congress; participates in planning and developing NRC's legislative programs.

Director

Carlton C. Kammerer

U.S. NUCLEAR REGULATORY COMMISSION

Administrative and Correspondence Branch

Provides administrative support for the Executive Director for Operations and maintains control of principal correspondence for offices reporting to the EDO.

Chief

C. Margo Bridgers

OFFICE OF THE EXECUTIVE DIRECTOR FOR OPERATIONS

Supervises and coordinates policy development and operational activities of program and EDO staff offices. Implements Commission policy directives pertaining to these offices.

Executive Director for Operations Lee V. Gossick

Deputy Executive Director for Operations

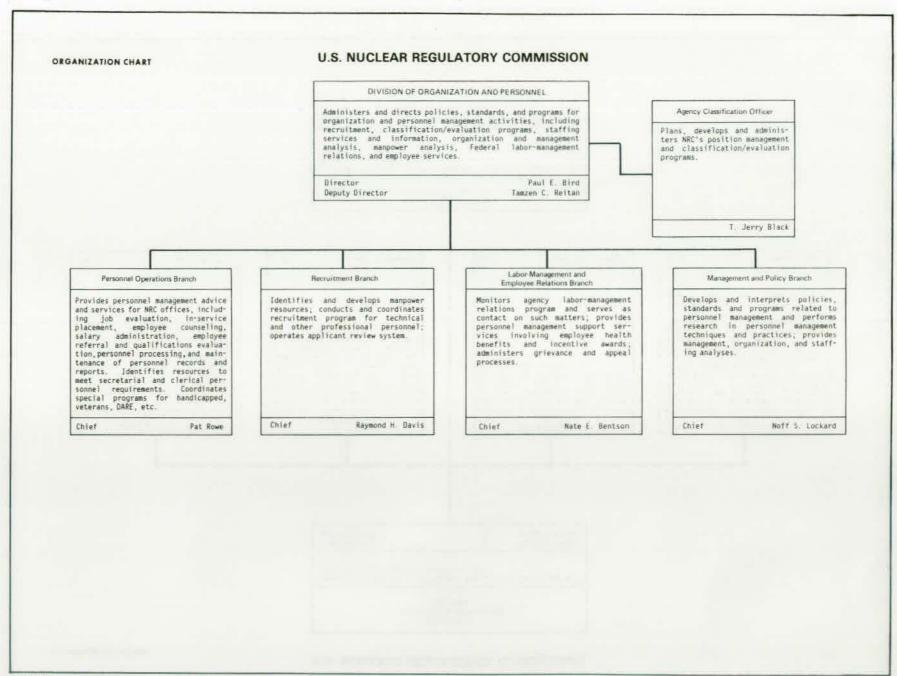
E. Kevin Cornell

Technical Advisor
Assistant for Operations

Vacant

Thomas Rehm

U.S. NUCLEAR REGULATORY COMMISSION ORGANIZATION CHART OFFICE OF ADMINISTRATION Develops and directs policies and programs for personnel Management Development and management; ADP services; organization and management anal-License Fee Management Branch Training Staff ysis; security and classification requirements; office Plans, develops and implements policies and management and administrative services; contracting and Administers NRC facilities and material license programs to assure continuity of the NRC execuprocurement services; rules and proceedings services; inforfee program. Develops policy and procedures tive workforce, and to improve incumbent managemation and document processing, technical information suprelating to cost recovery and fees for Commission rial performance; participates in establishing port; records management services and document control; consideration. Prepares fee regulations, fee recruitment criteria and provides policy directelecommunications facilities and services; facilities and schedules and procedures. Periodically reviews tion and administration of the NRC Intern Promaterials license fees; and special staff support. schedules for updating and modification. gram; administers and budgets for technical and Annually analyzes functions, manpower, and costs non-technical training (except for specialized of NRC offices for determining fee base. Main-Daniel J. Donoghue Director inspector training program) to maintain and/or tains followup program to assure fee payments and improve job performance and to meet NRC future Deputy Director Patricia G. Norry institutes enforcement procedures when appropriate. Works with other Government agenneeds; structures career development patterns and implements necessary associated training cies to provide consistency in fee programs. programs to support upward mobility and equal employment opportunity principles, and advises NRC management of alternative practices to improve NRC management. Chief William O. Miller Director Peter J. Goldman DIVISION OF ORGANIZATION DIVISION OF FACILITIES DIVISION OF TECHNICAL INFORMATION DIVISION OF SECURITY AND PERSONNEL AND OPERATIONS SUPPORT AND DOCUMENT CONTROL (see page 15) (see page 16) (see page 17) (see page 18) George M. Fetrow Director Director(Acting) William J. Besaw Director Paul E. Bird Director Raymond J. Brady DIVISION OF AUTOMATIC DATA DIVISION OF CONTRACTS **DIVISION OF RULES AND RECORDS** PROCESSING SUPPORT Develops and administers agency ADP policy and procedures; conducts reviews of proposed resources and ADP applications systems; evaluates existing systems applications and ensures accountability of ADP resources; monitors compliance with ADP (see page 19) (see page 20) standards for systems documentation; provides system development and programming support to NRC Offices, negotiates and manages NRC interagency and contractor computer service agreements; and coordinates agency ADP activities with other Federal agencies. Director Charles R. Troutman Director Joseph M. Felton Director Edward L. Halman Deputy Director John Winningham



U.S. NUCLEAR REGULATORY COMMISSION

DIVISION OF FACILITIES & OPERATIONS SUPPORT

Responsible for the planning and direction of facilities and administrative services support programs.

Director(Acting) Deputy Director George M. Fetrow George M. Fetrow

Building and Operations Branch

Establishes policies, standards and procedures for NRC-wide space and buildings, employee occupational safety and motor vehicle operations. Provides and coordinates support services for NRC Headquarters space, buildings and facilities, surface transportation and occupational safety. Maintains liaison with GSA, other Federal agencies and State and local governments.

Chief James B. Frye

Travel Services Branch

Provides direct support in issuing and processing travel authorization requests, including change of official station and reporting to first official station, securing travel reservations for foreign and domestic travelers; securing passports for foreign travelers; issuing airline tickets and travel advances.

Chief Ruth M. Lamastra

Mail and Messenger Branch

Coordinates and provides support services to NRC Headquarters in areas of mail receipt, processing, delivery and dispatch, and outside Mail-Messenger Service.

Chief Harold G. Hubbel

Telecommunications Branch

Develops and administers policies, standards and procedures governing NRC conduct of telecommunication activities, and provides and operates communication systems in support of Headquarters operations; maintains reviews of Regional Office telecommunications; assures implementation of Federal standards and requirements for telecommunications services within NRC, including telephone, radio, teletype, facsimile, and data communicating systems.

Chief Vernon S. Kerr

Property and Supply Branch

Directs and performs activities related to management of personal property, general supplies inventory, warehousing and moving services.

Chief

Grover F. Estep

U.S. NUCLEAR REGULATORY COMMISSION

DIVISION OF SECURITY

Develops, administers, and directs overall NRC security program; assures safeguarding of Restricted Data and other National Security Information within the NRC program; assures safeguarding of NRC sensitive unclassified matter including NRC telecommunications of significant intelligence value; assures physical protection of NRC Headquarters buildings, Regional Offices, and contractor facilities, and provides advice and assistance on security matters.

Chief

Director

Raymond J. Brady

Personnel Security Branch

Operates program to determine the eligibility and continued eligibility of individuals for access authorization or security clearance pursuant to the procedures of litle 10. Chapter 1, Part 10 of Code of Federal Regulations, administers program to assure the security of classified information in the course of visits to NRC and NRC contractor facilities and by NRC access authorized personnel to facilities of other government agencies or their contractors; coordinates Privacy Act requests related to systems of records under the control of the Division of Security; maintains control records of all classified visits and personnel security clearance actions.

Chief

Martin J. King

Security Policy Branch

Develops NRC Security policies and procedures including publishing NRC Security directives; security education and training, provides NRC administrative and program support to Division personnel; and conducts special studies and analyses of NRC Security program.

Chief Duane G. Kidd

Information Security Branch

Operates NRC security classification, declassification and downgrading programs; the Freedom of Information Program for the Division; provides intelligence support to the Commission and other NRC offices; administers the Foreign Disclosure of Information Program for NRC and administers NRC information security and internal security program.

Robert F. Whipp

programs.

Facilities and Systems Security Branch

Operates programs for physical protection of

classified information documents and material

under security cognizance of NRC, to safeguard sensitive unclassified matter including NRC telecommunications of significant intelli-

gence value; and to physically protect NRC Headquarters buildings, Regional Offices, and

contractor facilities. Establishes and

conducts inspections of NRC security facili-

ties. Administers NRC computer, communica-

tions, technical, physical security programs,

as well as security infraction-violation

Chief Calvin L. Burch

NRC Form 30 U.S. NUCLEAR REGULATORY COMMISSION ORGANIZATION CHART DIVISION OF TECHNICAL INFORMATION AND DOCUMENT CONTROL Responsible for the planning and direction of the NRC technical information and document control programs. This includes the planning and development of technical information functions and information exchange programs; development, administration and management of document control and dissemination programs; the production, evaluation, storage, dissemination and retrieval of documents, development and implementation of NRC design policies and activities, and NRC Maison with the Joint Committee on Printing. William J. Besaw Director Myrna L. Steele Deputy Director Document Management Printing and Graphics Policy and Publications CRESS Branch Branch Branch Management Branch Develops and administers policies, Develops and maintains policies, Develops or manages development of Provides word processing and procedures and programs for manprocedures, standards and guidedivision policy related to the NRC-wide responsibilities for NRC transcription services to the NRC agement of NRC records, including lines, and provides Headquarters offices. the Vital Records program, corredirection and coordination, for publications, and manages implespondence and mail practices, the NRC printing programs and mentation of those policies. Proforms management, acquisition of equipment and related micrographic, distribution and document related activities. Approves and vides NRC-wide publication pro-cessing, technical writing, processes requests relating to printing, duplicating, artwork, editing, translation services and designs, platemaking and other operations involved in the control services. conferences management. branch. Russell S. Scott Chief Hugh D. McVeagh Chief Joanne M. Johansen Chief Chief Ann Savolainen Records Services Library Branch Branch Collects and maintains library Plans, directs and coordinates all material for NRC Headquarters and staff support activities related to the NRC Central Files; Regional Offices, provides reference services, literature maintains files in current, searches, and circulation of useable condition for NRC staff periodicals; develops and proand provides retrieval services. jects budgetary requirements and administers contracts for acquisition of library services. Maintains legislative liaison and arranges for acquisition and distribution of all legislative material germane to NRC. Chief Robert E. Devine Chief Mary E. Jinks GED SET-SOR DECEMBER 1979

NRC Form 30 (1-76) ORGANIZATION CHART U.S. NUCLEAR REGULATORY COMMISSION DIVISION OF RULES AND RECORDS Develops and recommends policy, procedures, and rules applicable to, and is responsible for, implementation of the Freedom of Information, Privacy, and Federal Reports Acts: develops and reviews amendments to NRC regulations and petitions for rule making, responsible for providing advice and assistance to NRC offices and the public regarding NRC regulations and procedures for filing petitions for rule making; directs and coordinates NRC Local Public Document Room activities; is responsible for publication of "NRC Rules and Regulations" and "Nuclear Regulatory Commission Issuances Director Joseph M. Felton Freedom of Information Local Public Document Rules and Procedures and Privacy Branch Branch Room Branch Develops and administers policies and procedures Develops, recommends, and implements programs. Develops and reviews amendments to NRC regulations and other federal register notices; proplans, and procedures governing the organizato implement NRC compliance with the Freedom of Information Act (FOIA) and Privacy Act (PA), tion, objectives, and activities of local public vides advice and assistance to NRC offices in provides advice, assistance, and support to NRC document rooms (LPDRs); coordinates the collecthe preparation of rule making papers and tion, distribution, and categorization of all documents provided to LPDRs, and maintains offices regarding FOIA and PA activities and petitions for rule making, and to the public regarding NRC regulations and procedures for responsibilities; interprets requests, coordiliaison with the public, local officials, applinates responses, reviews documents for exempt filing petitions for rule making; develops and material, and arranges for extensions of recants, licensees, and the staff regarding the administers policies, standards, and procedures for obtaining GAO clearance of NRC informationsponse time as necessary. conduct and establishment of LPDRs and the gathering activities under the Federal Reports availability of NRC records. Act, and prepares and issues the publications "NRC Rules and Regulations" and Nuclear Regulatory Commission Issuances." Chief John C. Carr Chief Vacant Chief. Jona Souder

U.S. NUCLEAR REGULATORY COMMISSION ORGANIZATION CHART OFFICE OF THE EXECUTIVE LEGAL DIRECTOR Provides Executive Director for Operations and Offices reporting to the EDO with legal opinions and advice with respect to all activities of the NRC; provides interpretation of laws, regulations and other sources of authority, and the legal form and content of proposed official actions; represents and protects the Special Assistant to the interests of NRC in administrative proceedings before Executive Legal Director other administrative bodies; prepares or concurs in all contractual documents, interagency agreements, Assists the Executive Legal Director in the development of legal policy and in determining solutions to delegations of authority, regulations, orders, 11unusual and complex problems in new and developing censes, and other legal documents, and prepares legal interpretations thereof; reviews and directs patent areas of nuclear energy regulations, including but not limited to, waste management, enrichment and work; represents the NRC in legal matters with government agencies, foreign governments, or the public, fuel reprocessing facilities, safeguards and rulemaking and enforcement activities of the NRC. except for those matters specifically delegated to the General Counsel. William C. Parler Executive Legal Director Howard K. Shapar Program Support Branch Special Assistant for International Affairs Provides program analysis and direction of program support activities for the Office of the Executive Assists the Executive Legal Director in the develop-DEPUTY EXECUTIVE LEGAL DIRECTOR Legal Director. Responsible for program development ment of legal policy and advice bearing on export of and evaluation in the areas of resource utilization nuclear materials and facilities, including Assists, and acts in the absence of, the Executive personnel management and organizational planning and development of regulations, review of license Legal Director in providing the Executive Director analysis. Provides office services including personapplications, hearings on export license applicafor Operations and Offices reporting to the EOO with nel, equipment, space, correspondence control, mail tions and other Commission activities involving legal opinions and advice with respect to all and records control and maintains law library funcinternational activities or considerations. activities of the NRC. tions. Chief Nancy L. Dube Joanna M. Becker Deputy Director Thomas F. Engelhardt REGULATIONS OPERATIONS & HEARING RULEMAKING & ANTITRUST ADMINISTRATION DIVISION ENFORCEMENT DIVISION DIVISION DIVISION DIVISION Develops and reviews NRC Provides legal advice and Assists in development of Represents the NRC in public Assists in the development of rulemaking hearings involving regulations and guides perassistance to NRC offices legal policy, provides advice legal policy dealing with timent to licensing and coninvolved in interagency and and consultation primarily in proposed NRC regulations; antitrust matters; provides struction of nuclear facilinternational agreements, reconnection with licensing of advises and represents the antitrust advice and consulities and use of nuclear materials; interprets regulasearch contracting, patents, nuclear facilities and repre-Offices of Inspection and tation primarily in connection with licensing nuclear facilibudget, security, and adminsents the NAC in public hear-Enforcement, Nuclear Material tions and statutes relevant to ings on issues involved in Safety and Safeguards, and ties and represents the NRC in istrative functions. Represents NRC in administrative applications for construction Nuclear Reactor Regulation in public hearings involving NRC activities and provides legal analyses of those auhearings involving personnel. permits and operating licenses enforcement proceedings antitrust issues. for nuclear facilities. against licensees involving thorities impacting on NRC. personnel security, labor imposition of civil penalties; relations and equal employment opportunity matters amendments, suspension or termination of licenses Director & Chief Birector & Director & Director & Chief Director & Counsel Edward 5. Christenbury Chief Counsel James P Murray Counsel Guy H. Cunningham Chief Counsel Jay W. Maynard Chief Counsel Juseph Rutberg Assistant Chief Assistant Chief Assistant Chief Assistant Chief Hearing Counsel Hearing Counsel Hearing Counsel Hearing Coursel III 10 James R. Stuart A. Treby Vacant Edwin J. Reis Tourtellotte

ORGANIZATION CHART

OFFICE OF THE CONTROLLER

Develops and maintains NRC financial and manpower management programs including policies, procedures, and standards of accounting, budgeting, pricing, contract finance, automatic data processing equipment acquisition, accounting for capitalized property, and related reporting, necessary to NRC direct and contract operations and the safeguarding of NRC funds; administers financial functions for NRC, maintains liaison with Office of Management and Budget and other government agencies, Congressional committees, and industry in areas of the Controller's responsibility.

Controller

Executive Assistant

Learned W. Barry Charles A. Beckwith, Jr.

RESOURCES PLANNING AND EVALUATION STAFF

Designs systems and develops criteria for NRC resource planning and evaluation; evaluates relationship between resource allocation and program performance; develops overall plans and procedures for enhancing and measuring productivity; performs cost analysis of NRC programs, develops methods for determining manpower resource requirements, evaluates manpower utilization and maintains manpower resource accountability.

Director

Edwin G. Triner

DIVISION OF ACCOUNTING

Develops, maintains, and applies overall policies, principles, standards and procedures for financial and cost accounting and reporting, automatic data processing equipment acquisition, pricing, and financial arrangements under NRC contracts; provides advice and assistance to the Commission, the EDO and NRC offices on the interpretation and application of policies in assigned areas.

Director Deputy Director Angelo S. Puglise Graham D. Johnson

Financial Operations Branch

Plans, establishes and maintains accounting and internal controls of NRC appropriations; maintains overall NRC funds records and controlling accounts; prepares special analysis, financial statements and reports; establishes and maintains inventory of NRC capitalized property; maintains centralized payroll accounting and reporting functions; maintains centralized travel accounting and reporting functions; maintains centralized governmental and commercial vendors accounting and reporting functions; provides necessary fiscal service for NRC.

Chief

William E. Manion

Financial Systems and Procedures Branch

Develops policies, principles, standards and procedures for general accounting and reporting activities, NRC's financial management information systems relating to accounting matters, and practices governing cost principles and other financial arrangements under NRC contracts, including aspects of automatic data processing acquisition activities; provides technical support to users of Division's computer-based systems; coordinates and monitors day-to-day operation of onsite computer.

Chief

Eleanor K. Black

DIVISION OF BUDGET

Develops and maintains overall policies and procedures for formulating and executing NRC budgets, develops and administers NRC authorization and appropriation funding legislation, monitors the execution of approved budgets, and maintains liaison with the Office of Management and Budget and Congressional committees.

Director Deputy Director Bruce A. Cooper Richard P. Shumway

Budget Operation and Systems Development Branch

Directs process of funds control; prepares and issues allotments and financial plans and participates in appropriation hearings; maintains continuous review of performance against financial plans; when directed initiates changes in authorization and appropriation language; manages budget system development; reviews Congressional budget transcripts for NRC.

Chief

David C. Stumbaugh

Programs Branch

Participates with NRC offices in developing annual budget assumptions; analyzes budget submissions and coordinates preparation of NRC budget estimates for submission to OMB and Congress; participates in Congressional hearings on budget estimates; maintains continuous review of performance against financial plans and evaluates costing and pricing applications of NRC programs; initiates reprogramming actions as needed.

Chief

Nicholas Monaco, Jr.

U.S. NUCLEAR REGULATORY COMMISSION

OFFICE OF EQUAL EMPLOYMENT OPPORTUNITY

Develops and recommends for approval by the Executive Director for Operations overall NRC policy providing for equal employment opportunity in all aspects of Federal personnel practice; recommends improvements or corrections needed in personnel management with respect to achieving equal employment opportunity; monitors and evaluates the affirmative action program and assists in assuring compliance with NRC policy on equal employment opportunity; serves as contact with local and national public and private organizations in order to facilitate the NRC equal employment opportunity program.

Director

Edward E. Tucker

ORGANIZATION CHART

OFFICE OF MANAGEMENT AND PROGRAM ANALYSIS

Provides NRC staff with management information and program analyses; identifies and analyzes major NRC policy, program and management issues and conducts long— and short-range planning to assist NRC operating officials; develops and implements management information and control systems and recommends policy on use of such systems for agency-wide applications; develops and implements application of sound statistical practices within NRC; and coordinates special information projects on overall NRC policies and programs.

Director

Norman M. Haller

DIVISION OF INFORMATION, ANALYSIS AND PLANNING

Directs the establishment of design requirements for and the implementation of management information and control systems to support NRC needs; directs analyses of major program and management issues; conducts short—and long-range planning as appropriate; provides advice and assistance to NRC.

Director

Harold S. Bassett

DIVISION OF TECHNICAL SUPPORT

Directs collection, evaluation and publication of operating experience data from licensed nuclear facilities, design, development, and implementation of automated NRC management information and control systems; and development and application of statistical methods and theory in support of NRC technical and administrative programs.

Director

Vacant

Internal Information Systems Branch

Develops and implements management information and control systems pertinent to certain NRC activities; develops and issues Performance Appraisal Report for the EDO; issues Program Summary Report; administers and coordinates user requirements for NRC manpower system; develops, implements and refines decision unit tracking system.

Chief

Anthony F. Abell

Special Projects Branch

Supervises preparation and publication of the NRC Annual Report to the President and Congress; coordinates the correction of transcripts of congressional testimony; coordinates and prepares in final form MRC response to congressional questions; prepares and edits special reports, speeches, briefings and other information issuances; administers management directives system and coordinates preparation of NRC organization charts.

Chief

William G Dooly

Automated Systems Branch

Reviews and coordinates NRC requirements for automatic data processing equipment to support management information systems; administers interagency agreement for computer timesharing services; coordinates development and implementation of NRC management information and control systems and develops special studies in support of these systems.

Chief

Isaac A. Kirk

Applied Statistics Branch

Develops and implements application of sound statistical practices in NRC technical and administrative programs, providing evaluation and technical assistance to NRC components in this area; conducts studies involving statistical techniques; reviews, prepares and presents testimony involving statistical technology; develops and maintains contacts with statistical community; provides educational activities in statistics for NRC staff.

Chief

Roger H Moore

Analysis and Planning Branch

Identifies and analyzes major regulatory issues and recommends agency options; assists EDO with policy studies in management and program areas, participates in formulating NRC planning assumptions for budget purposes and develops caseload estimates; reviews value/impact analyses associated with regulatory actions; develops and maintains economic data base on nuclear industry; conducts long and short range planning activities.

Chief

Stephen Conver

Licensee Operations Evaluation Branch

Reviews and transcribes reports for licensee Event Report and Radiation Exposure Information and Reports systems; reviews and evaluates licensee and NRC reports of unusual occurrences and incidents; prepares Quarterly Report to Congress on Abnormal Occurrences; prepares technical evaluations and special studies as required; prepares periodic status reports on licensed nuclear power plants; provides technical direction for the Nuclear Plant Reliability Data System.

Chief

Richard A. Hartfield

U.S. NUCLEAR REGULATORY COMMISSION

OFFICE OF INTERNATIONAL PROGRAMS

Plans, develops, and implements programs of international cooperation and licensing of nuclear exports and imports. Formulates and recommends policies concerning nuclear exports and imports, international safeguards, and nonproliferation matters.

Director Deputy Director James R. Shea Joseph D. Lafleur, Jr.*

ASSISTANT DIRECTOR FOR INTERNATIONAL COOPERATION

Plans, develops, and implements international information exchange programs, working relationships with international nuclear organizations and other involved U.S. Government agencies, and provides general liaison with other NRC offices having interest or responsibility in areas of international cooperation. Participates in formulation of policy on the above.

Assistant Director

Joseph D. Laffeur, Jr. *

ASSISTANT DIRECTOR FOR EXPORT IMPORT AND INTERNATIONAL SAFEGUARDS

Participates in planning and formulation of NRC policies on export-import licensing, nonproliferation issues, and international safeguards; receives and reviews applications for, and as appropriate, issues export and import licenses as the Commission directs; obtains and evaluates information from other NRC and U.S. Government offices in consideration of license applications.

Assistant Director

Marvin R. Peterson (Acting)

*Serves in a dual capacity

ORGANIZATION CHART

OFFICE OF STATE PROGRAMS

Reviews, recommends, and directs NRC program of cooperation and liaison with States, local governments, and interstate organizations; administers State Agreements program; provides guidance and assistance to State and local governments in radiological emergency response planning and operations; provides training for State and local government personnel in radiation control and radiological emergency response programs; coordinates development of NRC national emergency preparedness program; cooperates with other NRC offices and U.S. Government agencies having State and interstate responsibilities.

Director

Robert G. Ryan

ASSISTANT DIRECTOR FOR STATE AGREEMENTS PROGRAM

Negotiates, implements and manages the State Agreements program under the provisions of Section 274 of the Atomic Energy Act of 1954, as amended; monitors State Agreements program to evaluate continued compatibility and adequacy; provides and coordinates training and technical assistance to Agreement States.

Assistant Director

G. Wayne Kerr

ASSISTANT DIRECTOR FOR PROGRAM DEVELOPMENT

Participates in formulation of policies involving NRC/ State cooperation and liaison; develops and directs administrative and contractual programs for coordinating and integrating Federal and State regulatory activities; maintains liaison with and provides guidance and support to State, interstate, regional, and quasi-governmental organizations, NRC offices and other Government agencies on regulatory matters; monitors nuclear-related State legislative and regulatory activities, plans, directs, and coordinates activities of State liaison officers located in Regional Offices.

Assistant Director

Sheldon A. Schwartz

ASSISTANT DIRECTOR FOR EMERGENCY PREPAREDNESS

Carries out NRC's federally assigned "lead agency" role in radiological emergency response planning, training and assistance activities with States and local governments; develops guidelines, coordinates other Federal agency guidance, evaluates adequacy of State and local government radiological emergency response plans, provides related field assistance and training for States and local governments; provides formal consultation to NRR and NMSS concerning pertinent State and local government emergency response capabilities and their interface with licensee facility emergency response plans; coordinates the development of NRC's national emergency response plan and related preparedness activities.

Assistant Director

Harold E. Collins

ORGANIZATION CHART

OFFICE FOR ANALYSIS AND EVALUATION OF OPERATIONAL DATA

Responsible for assuring the proper analysis of operational data associated with all NRClicensed activities and the feedback of such analyses to improve safety. This office will identify key analyses to be conducted, taking into account such factors as postulated accident sequences and data availability; select appropriate analytical techniques and propose data gathering mechanisms for data not currently available; conduct systematic safety analyses and evaluations of operational data to seek trends that would forecast a potential problem; develop recommendations to resolve problems revealed by operational data analyses and evaluations; provide analytical guidance to, accept technical input from, and coordinate efforts of, operational data analysis groups in other NRC offices; review overall NRC and industry response to assess implementation of recommended actions; serve as focal point for Interaction with ACRS and industry groups involved in operational data analysis and evaluation.

Interim Director

Clemens J. Heltemes

ORGANIZATION CHART

OFFICE OF SMALL AND DISADVANTAGED BUSINESS UTILIZATION

Develops and implements, in cooperation with the Director, Division of Contracts and Directors of other affected Offices, specific policies and procedures to carry out the functions and duties of Sections 8 and 15 of the Small Business Act and Executive Order 12138, as they relate to the NRC. Provides focus for NRC efforts to assist small businesses, small businesses owned by socially or economically disadvantaged individuals, women-owned businesses, and firms in labor surplus areas.

Director

Jacant

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U.S. NUCLEAR REGULATORY COMMISSION

OFFICE OF STANDARDS DEVELOPMENT

Develops and recommends rules, regulations and standards, and guides pertaining to: (a) radiological health, nuclear safety, and environmental protection related to licensed activities in siting, design, construction, and operation of nuclear reactors, other production and utilization facilities, and storage, processing, transfer and use of nuclear materials; and (b) physical protection of production and utilization facilities and nuclear materials subject to licensing, and safeguarding of nuclear materials subject to licenses. Provides technical advice and assistance to the Commission and NRC Offices on matters concerning public health and safety related to facilities and nuclear materials subject to licensing; environmental impact of construction and operation of facilities subject to licensing and of other licensed activities; and safeguarding and security of facilities and nuclear materials. Coordinates Commission participation in IAEA standards-related activities, and serves as principal point of contact for Commission with the American National Standards Institute and other organizations on matters concerning nuclear standards.

Director Robert B. Minogue
Deputy Director Ray G. Smith
Assistant to the Director George W. Rivenbark

Program Support Branch

Provides administrative support in coordinating budgeting, contracting, recruiting, personnel actions, and mail control activities in SD. Provides administrative support in coordinating NRC participation in ANSI and IAEA standards development activities, developing SD administrative systems and procedures, and SD scheduling system. Provides technical editing of guides and other documents for publication.

Chief George W. Rivenbark

DIVISION OF ENGINEERING STANDARDS

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DIVISION OF SITING, HEALTH AND SAFEGUARDS STANDARDS

(see page 31)

ORGANIZATION CHART

DIVISION OF ENGINEERING STANDARDS

Plans and directs program for development of regulations, criteria, guides, standards and codes for nuclear safety in design, construction and operation of nuclear reactors, other production and utilization facilities, and facilities for the storage, processing and use of nuclear materials; and in materials safety activities, including production, use and transportation of radioactive products. Develops, reviews and monitors research and development programs to find solutions to safety problems related to nuclear reactors and fuel cycle facilities. Provides technical assistance on research and resolution of generic issues related to nuclear facilities, transportation of nuclear materials, or nuclear wastes. Maintains liaison with other federal agencies, ANSI, international agencies, and other organizations in assigned areas.

Director

Guy A. Arlotto

ASSISTANT DIRECTOR FOR GENERAL ENGINEERING STANDARDS

Plans and directs program for development of standards for safety in design, construction and operation of nuclear reactors, other production and utilization facilities, facilities for storage and processing of nuclear and radio-active materials, and other areas of nuclear safety. Provides advice and assistance on research and development programs and the resolution of generic issues involving safety problems of nuclear facilities.

Assistant Director

Wilbur M. Morrison

Structures and Components Standards Branch

Develops standards for design, construction and operation of nuclear reactors and fuel cycle facilities with emphasis on mechanical engineering, structural engineering, and materials engineering aspects.

Chief

William F. Anderson

Reactor Systems Standards Branch

Develops standards for export of nuclear reactors; design, construction and operation of nuclear reactors with emphasis on quality assurance, systems performance and design, instrumentation, personnel qualification and quality assurance for other fuel cycle facilities.

Chief

Edward C. Wenzinger

Engineering Methodology Standards Branch

Develops standards for design, construction and operation of nuclear reactors and fuel cycle facilities with emphasis on methods of analysis and testing to assure specified performance characteristics of individual systems and the plant as a whole.

Chief

James A. Norberg

ASSISTANT DIRECTOR FOR MATERIALS SAFETY STANDARDS

Plans and directs program for development of standards for transportation of nuclear material, production or use of devices or products containing special nuclear material, design and construction of fuel cycle facilities, storage and disposal of nuclear waste material, criticality safety, engineering aspects of occupational exposure, and chemical engineering aspects of nuclear reactors. Provides advice and assistance on research and development programs and the resolution of generic issues related to safety problems of nuclear facilities, transportation of nuclear materials, or nuclear wastes.

Assistant Director (Acting)

Raigh J. Jones

Transportation and Product Standards Branch

Develops standards applicable to the transportation of nuclear materials and to the production or use of devices and products containing source, byproduct, or special nuclear material.

Chief

Ralph J. Jones

Fuel Process Systems Standards Branch

Develops standards for design and construction of fuel cycle facilities, waste management, including processing, packaging, temporary storage and disposal of nuclear waste; decommissioning of reactors and fuel cycle facilities; chemical engineering aspects of nuclear reactors; criticality safety; and engineering aspects of occupational exposure.

Chief

Keith G. Steyer

ASSISTANT DIRECTOR FOR SITING STANDARDS

Plans and directs development of regulations, criteria, guides, standards and codes associated with siting of NRC -licensed facilities, including site evaluation, site acceptability criteria, emergency planning, and safety and environmental considerations for nuclear reactors and fuel cycle facilities, including fuel fabrication, fuel reprocessing, and waste storage and disposal facilities. Provides advice and assistance on research and development programs and resolution of generic issues relative to siting of nuclear facilities.

Assistant Director

1. Craig Roberts

Site Safety Standards Branch

Develops standards to specify reactor, fuel cycle facility and waste disposal siting requirements concerning the safety of facilities from external events; participates in development of facility design criteria related to geology, seismology, hydrology, offsite hazards and meteorology, to assure site safety.

Chier

Leon L. Beratan

Site Designation Standards Branch

Develops standards for the evaluation, designation or certification of sites for nuclear facilities, including the development of effective NRC/multi-state interaction to resolve specific technical and procedural issues involved in site designation; develops and recommends generic policy and practice for siting nuclear facilities.

Chief

Patricia A. Comella

Environmental Protection Standards Branch

Develops standards for protection of environment from radiological and nonradiological effects of NHC-licensed facilities and activities during construction, normal operation and decommissioning.

Chief

Enrico F. Conti

U.S. NUCLEAR REGULATORY COMMISSION

DIVISION OF SITING, HEALTH AND SAFEGUARDS STANDARDS

Plans and directs program for development of regulations, criteria, guides, standards and codes to protect employees of licensees, the public, and the environment from the effects of NRC licensed activities in matters involving radiological protection, environmental effects, and safeguarding of nuclear materials and facilities. Develops, reviews, and monitors research and development programs to find solutions to environmental, health and safeguards standards development problems. Provides technical assistance on research and resolution of generic issues related to nuclear facilities. Maintains liaison with other federal agencies, ANSI, international agencies, and other organizations in assigned areas.

Director

Karl R. Goller

ASSISTANT DIRECTOR FOR RADIOLOGICAL HEALTH AND SAFEGUARDS STANDARDS

Plans and directs development of regulations, criteria, guides, standards and codes for protection of public, including workers, from radiological effects of NRC-licensed facilities and activities, and protection against sabotage of nuclear facilities and the control and accountability of SMM. Provides advice and assistance on research and development programs and resolution of generic issues relating to radiological health and safeguards matters.

Assistant Director

Robert A. Purple

Occupational Health Standards Branch

Develops standards for the protection of workers from exposures to radioactive material and ionizing radiation from possession, use, transfer and disposal of source, special nuclear, and byproduct materials and from operation of production and utilization facilities; conducts studies of recommendations of other government agencies and scientific and advisory committees with regard to implementation by the NRC.

Chief

Robert E. Alexander

Safeguards Standards Branch

Develops standards for the prevention, detection and deterrence of theft or diversion of nuclear materials in nuclear facilities and the associated transportation links, and for the prevention of sabotage of nuclear facilities, recommends and develops standards on physical protection and material control measures in the design, construction and operation of nuclear facilities.

Chief (Acting)

Willard B. Brown

Radiological Health Standards Branch

Develops standards for protection of public against radiological effects of MRC-licensed facilities and activities. This involves assessment of risks associated with human exposure to varying types and amounts of ionizing radiation such as by epidemiology studies and other means.

Chief

Michael A. Parsont

U.S. NUCLEAR REGULATORY COMMISSION ORGANIZATION CHART OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS Program Support Branch Responsible for ensuring public health and safety, protection of the national security, and protection of environmental values in the licensing and regulation of all facilities and materials licensed under the Atomic Energy Act of 1954, as amended, associated with the processing, transport and handling of nuclear materials, including the review and assessment of their safeguards against potential threats, thefts and sabntames. Assists in planning, coordinating, directing and executing administrative affairs of the Office, including contractual arrangements and agreements, budget formulation, fiscal management, management surveys and directives, personnel administration and training, provides technical assistance and support to Director in evaluating proposed activities or positions and administering highly technical projects. sabotage. Assistant to the Director and Director William J. Dircks Chief, Program Support Branch Robert S. Brown, Jr. Deputy Director Vacant DIVISION OF FUEL CYCLE DIVISION OF SAFEGUARDS AND MATERIAL SAFETY (see page 33) (see page 34) DIVISION OF WASTE MANAGEMENT (see page 35) DECEMBER 1979 PAGE 32

DIVISION OF FUEL CYCLE AND MATERIAL SAFETY

Performs NRC's principal licensing and regulation activities associated with the processing, transport, and handling of nuclear materials and involving all facilities and materials licensed under the Atomic Energy Act of 1954, as amended.

Director Deputy Director

Richard E. Cunningham Thomas F. Carter, Jr.

Uranium Fuel Licensing Branch

Conducts safety analyses, licensing, and followup review of natural uranium conversion plants and production plants, enrichment plants, and uranium fuel fabrication plants. Conducts analysis and planning for possible environmental radiation release situations which may originate from any operation licensed by the Division of Fuel Cycle and Material Safety.

Chief

ORGANIZATION CHART

Vacant

Advanced Fuel and Spent Fuel Licensing Branch

Conducts safety analyses, licensing, and followup review of independent irradiated fuel storage facilities, chemical reprocessing facilities, and advanced fuel fabrication plants.

Chief

eland C. Rouse

ASSISTANT DIRECTOR FOR MATERIAL SAFETY AND LICENSING

Establishes, administers and coordinates a program for licensing and followup review of byproduct, source, and special nuclear materials and safety analyses for shipping containers.

Assistant Director

Donald A. Nussbaumer

Material Licensing Branch

Conducts safety analyses, licensing, and followup review of use of byproduct, source and special nuclear materials, including as necessary, preparation of environmental assessments and impact statements

Chief

Vandy I. Miller

Material Certification and Procedures Branch

Develops technical and policy options for regulations and regulatory guides to improve regulation of byproduct, source, and special nuclear materials. Certifies adequacy of design of sealed sources and devices.

Chief

Bernard Singer

Transportation Certification Branch

Conducts safety analyses and approval of containers for shipment of radioactive materials; implements such actions as required by NRC and coordinates activities with agencies having parallel or overlapping jurisdiction such as DDT, states, and IAEA.

Chief

Charles E. MacDonald

ASSISTANT DIRECTOR FOR OPERATIONS AND TECHNOLOGY

Establishes, administers, and coordinates broad programs for special and generic studies related to the fuel cycle and improving effectiveness and efficiency of the licensing framework and processes.

Assistant Director

Homer Lowenberg

Technology Assessment Branch

Responsible for both generic and special studies related to fuel cycle and material licensing, and review of draft statements prepared by other groups within NRC or other government agencies. Responsible for assessment of emerging technology related to safety and environmental protection for relevance in licensing process; identifies R&D meeded to conduct safety and environmental analyses, coordinates and monitors the R&D needed to improve licensing function; identifies need for and validity and scope of current and proposed standards.

Chief (Acting)

Homer Lowenberg

ORGANIZATION CHART

DIVISION OF SAFEGUARDS

Conducts principal safeguards licensing and regulatory functions applicable to nuclear materials, fuel cycle facilities and nuclear reactors licensed under the Atomic Energy Act of 1954, as amended. Develops, implements and evaluates the overall NRC safeguards program including monitoring, testing, and recommending improvements for physical security and nuclear materials accountability systems. Develops contingency plans for dealing with threats, thefts and sabotage relating to licensed activities.

Director Deputy Director Robert F. Burnett Vacant

Regulatory Improvements Branch

Prepares generic issue policy papers, and defines regulatory requirements guidance and licensee self-test mechanisms which provide increased assurance against theft and sabotage of nuclear material. Develops physical security and material control and accounting recommendations, performs value-impact analyses, and assures timely introduction of advanced safeguards technology into the regulatory process.

Chief

Llewellyn J. Evans, Jr.

Technical Planning and Information Branch

Formulates, manages and evaluates Division of Safeguards overall research needs to ensure adequacy, technology transfer, and actions necessary to incorporate new techniques into regulatory process. Develops and updates NRC Integrated Safeguards Program Plan and chairs STAR Group Prepares safeguards sections of generic environmental impact statements. Develops and maintains NRC safeguards information systems to meet domestic, bilateral and IAEA tracking and reporting requirements.

Chief

Eugene Perchonok

Physical Security Licensing Branch

Develops licensing review criteria and directs review and approval of physical security programs for domestic fuel cycle and nuclear reactor facilities including associated transportation of nuclear materials. Conducts reviews and analyses of foreign physical security programs in connection with import/export applications.

Chief

George W. McCorkle

Physical Security Development Branch

Develops methods and techniques for evaluating physical security. Conducts field evaluations of safeguards vulnerability and capability at licensed fuel cycle facilities, nuclear reactors, and nuclear material in transport. Evaluates transportation contingency planning and local law enforcement coordination along shipment routes for strategic special nuclear materials and spent fuel. Develops interagency agreements supporting safeguards contingency and incident response operations. Assesses threat to the licensed nuclear industry through analysis of pertinent intelligence information, safeguards events and other threat-related data.

Chief

Robert A. Erickson

Material Control and Accountability Licensing Branch

Directs nuclear materials control and accountability safeguards licensing reviews and followup review responsibilities for all license applications processed by NMSS. Performs MC&A review of SNM imports and exports. Effects conceptualization and identification of program improvements in assigned areas.

Chief

James G. Partlow

Material Control and Accountability Development Branch

Coordinates and provides technical support to NRC activities related to implementation of the US/JAEA Safeguards Agreement. Coordinates NMSS technical reviews and conducts safeguards implementation evaluations for export licensing. Evaluates the standards and technical performance of IAEA safeguards, provides technical support to the IAEA, and maintains technical liaison with other U.S. agencies in support of U.S. efforts to strengthen international safeguards. Monitors and analyzes domestic licensee material control and accountability data for safeguards implications. Conducts on-site Mc&A vulnerability and capability assessments. Proposes development of process monitoring capabilities for confirming status of special nuclear material.

Chief

Theodore S. Sherr

ORGANIZATION CHART

DIVISION OF WASTE MANAGEMENT

Directs the NRC's principal licensing and regulation activities associated with the management and disposal of nuclear waste and spent fuel involving waste facilities and waste materials licensed under the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act.

Director Deputy Director John B. Martin Robert E. Browning

High-Level Waste Licensing Management Branch

Establishes licensing procedures and manages, through project managers, the application for High-Level Waste Disposal facilities. Evaluates Safety and Environmental impacts and makes licensing decisions.

Chief

James C. Malaro

Uranium Recovery Licensing Branch

Responsible for conducting the Systematic Safety and finitronmental review of source material license applications related to new uranium operations including mills, heap leaches and solution mining; and licensing amendment and renewal applications.

Chief

Ross A. Scarano

Low-Level Waste Licensing Branch

Develops and manages a program to regulate the longterm storage or disposal of low-level radioactive wastes.

Chief

R. Dale Smith

Licensing Process and Integration Branch

Establishes, administers and coordinates management activities to improve the licensing process and to integrate HLW, LLW, Uranium Recovery and Applicable Safeguards, Fuel Cycle, Standards, Research and I&F activities into a coordinated Waste Management Plan.

Chief

Joseph O. Bunting, Jr.

High-Level Waste Technical Development Branch

Develops and manages the technical assistance program to identify and develop the technical information requirements, analytic models, draft criteria and regulations needed to support the program for licensing and regulating the long-term management and disposal of high-level waste (10 CFR 60), supporting Environmental Impact Statement, and accompanying appendices, guides technical criteria. Conducts technical evaluation of license applications, prepares technical positions of Safety Analysis Reports and Environmental Impact Statements.

Chief

Michael J. Bell

ORGANIZATION CHART

OFFICE OF NUCLEAR REACTOR REGULATION

Performs licensing functions associated with construction and operation of nuclear reactors and with receipt, possession, ownership, and use of special nuclear and byproduct material used at reactor facilities; reviews applications and issues licenses for reactor facilities required to be licensed under the Atomic Energy Act of 1954, as amended, and evaluates health, safety, and environmental aspects of facilities and sites; develops and administers regulations; licenses reactor operators; provides assistance in matters involving reactors or critical facilities methods of transporting nuclear materials and radioactive wastes on reactor sites; and monitors and tests operating reactors, recommending upgrading of facilities and modification of regulations, as appropriate.

Director Deputy Director

ANTITRUST AND INDEMNITY GROUP

Establishes and administers antitrust reviews of license applications for nuclear facilities, including compliance with license conditions pertaining to antitrust matters; indemnification of licensees against public liability claims arising out of nuclear incidents, and execution of indemnification agreements with licensees.

Chief Jerome D. Saltzman

Economics Section

Harold R. Denton

Edson G. Case

Reviews, investigates and evaluates existing and potential anticompetitive activities by applicants; prepares testimony relating principles of competition and monopoly to antitrust cases; assists in policy formulation, and prepares studies and analyses on economic issues of antitrust cases.

Maurice Messier

applicants; assesses impact of potential license conditions; provides technical assistance on engineering and power supply aspects of antitrust cases; carries out compliance activities.

Chief Argil L Toalston

Power Supply Analysis Section

Investigates and prepares related

testimony concerning power supply and

intersystem coordination activities by

DIVISION OF PROJECT MANAGEMENT

PROGRAM SUPPORT STAFF

Provides technical assistance and support to the

Director in evaluating proposed office activities or

positions and in the administration of highly technical and diversified licensing projects. Plans, coor-

dinates, directs and executes such administrative

affairs as contractual arrangements and agreements; budget formulation; fiscal management surveys and directives; personnel administration, development and

training; and general office services. Develops, plans

and implements programs to assess and improve the effectiveness and efficiency of the licensing process; coordinates NRR-related confirmatory research programs and assesses their effectiveness; develops, plans, coordinates and implements generic technical assessments of existing and proposed office safety and

environmental criteria and requirements.

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DIVISION OF OPERATING REACTORS

Vacant

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DIVISION OF SYSTEMS SAFETY

Chief

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DIVISION OF SITE SAFETY AND ENVIRONMENTAL ANALYSIS

(see page 40)

U.S. NUCLEAR REGULATORY COMMISSION DIVISION OF PROJECT MANAGEMENT ORGANIZATION CHART Carries out project management functions for reactor safety reviews through operating license stage; coordinates and schedules adequate and consistent technical reviews for each application. Director(Acting) Domenic B. Vassallo Deputy Director Denwood Ross ASSISTANT DIRECTOR FOR ASSISTANT DIRECTOR FOR ASSISTANT DIRECTOR FOR LIGHT WATER REACTORS STANDARDIZATION AND ADVANCED REACTORS QUALITY ASSURANCE AND OPERATIONS Plans, directs and supervises programs and Plans and directs NRC's Standardization program and project Plans, directs and supervises programs and activities of Light Water Reactors Branches, management functions for standard plant design reviews and activities of the Quality Assurance, Emergency including evaluation of the operational safety and design modification of DOE-owned and DOOfor review of applications for construction permits, operat-Planning, and Operator Licensing Branches; reviews financial qualifications of applicants ing licenses and amendments, and licensability reviews for owned reactors exempt from licensing. fast breeder, gas-cooled and other advanced power reactors, and licensees; prepares hearing testimony on plans and directs reviews of military and non-military financial qualifications, specifies license conditions to assure utility commitments for nuclear propulsion and power systems and nuclear-related facilities; plans and directs safety reviews of certain plant construction and operation aspects of fast breeder, gas-cooled and other advanced reactor concepts. Develops and implements standardization. policy and procedures. William P. Gammill Assistant Director(Acting) Steven A. Varga Assistant Director Assistant Director Bonald J. Skovholt Light Water Reactors Branch #1 Light Water Reactors Branch #2 Standardization Branch Quality Assurance Branch Reviews, analyzes and evaluates appli-Reviews, analyzes and evaluates appli-Coordinates Standardization program including Reviews reactor license applications to cation for construction permits and cations for construction permits and development and implementation of policies and assure compliance with quality assuroperating licenses for assigned reoperating licenses for assigned reprocedures and project management functions ance criteria during plant design, actors and for certain reactors exempt actors and for certain reactors exempt associated with safety reviews for approval of construction and operation; evaluates from licensing; evaluates technical specifications for such reactors; from licensing; evaluates technical specifications for such reactors; designs of standard plants and major portions technical and administrative competence thereof, plant systems and components; of reactor operating organization for performs safety review of assigned performs safety review of assigned provides project management functions for protection of public health and safety. operating reactors, including review of operating reactors, including review of reviewing design, construction and operation amendments to licenses changing techamendments to licenses changing techof licensed nuclear power reactors and for nical specifications. nical specifications. other military and non-military government nuclear systems and facilities. Chief John F. Stolz Chief Robert L. Baer Chief Clemens J. Heltemes Chief Walter P. Haass Light Water Reactors Branch #3 Light Water Reactors Branch #4 Advanced Reactors Branch Operator Licensing Branch Reviews, analyzes and evaluates appli-Reviews, analyzes and evaluates appli Evaluates design and performance of fast Examines and licenses candidates for cations for construction permits and cations for construction permits and breeder, gas-couled and other advanced reactor reactor operator and senior reactor operating licenses for assigned reoperating licenses for assigned reconcepts; manages safety reviews of operator licenses, develops qualificaapplications to construct and operate such actors and for certain reactors exempt actors and for certain reactors exempt tions requirements, testing techniques. reactors, perfores licensability evaluations from licensing; evaluates technical from licensing; evaluates technical and standards for evaluation of candispecifications for such reactors; specifications for such reactors. of advanced reactor concepts, reviews and dates and conducts safety evaluations performs safety review of assigned performs safety review of assigned evaluates advanced reactors exempt from for design and operation of reactor operating reactors, including review of operating reactors, including review of licensing, including technical specifications projects amendments to licenses changing techamendments to licenses changing techfor such reactors nical specifications. nical specifications.

Chief

Them's P. Spets

Chief

Chief

Olan D. Parr

Chief(Acting)

Lester Roberstein

Paul F. Collins

DIVISION OF OPERATING REACTORS

Reviews the design and operational changes in operating reactors; analyzes and responds to operating experiences as they develop; and assures that current experience is factored into new licensing actions.

Director(Acting)
Deputy Director(Acting)

Darrell G. Eisenhut Robert Tedesco

ASSISTANT DIRECTOR FOR SYSTEMS AND PROJECTS

Plans and directs technical safety review and evaluation of licensed operating power reactors, licensed test, research and critical facilities, and review of proposed amendments to operating licenses; evaluation of operational safety and design modifications of DOE and DOD-owned reactors exempt from licensing, technical safety review and evaluation of reactor systems and plant systems; technical review of applications and issuance of construction permits and operating licenses for nonpower reactors.

Assistant Director

ORGANIZATION CHART

Richard H. Vollmer

Albert Schwencer

Systematic Evaluation Program Branch

Performs multiple discipline technical evaluations of older operating power facilities to reconfirm and document their safety and to determine extent to which they meet current licensing requirements. Establishes technical guidelines which may require plant or procedural modifications for selected facilities for particular safety considerations.

Chief Dennis M. Crutchfield

Reactor Safety Branch

Performs engineering safety reviews, analyses and evaluations of reactor coolant systems, engineered safety features, and accidents and transients for all reactor facilities licensed for operation; evaluates applications for construction permits and operating licenses for nonpower reactors and evaluates operational and design modifications of DOE- and DOD-owned operating facilities exempt from licensing as requested.

Chief Paul S. Check

Plant Systems Branch

Performs technical safety review and evaluation of modifications to plant systems for all reactor facilities licensed for operation, of all applications to construct and operate nonpower reactors, and, as requested, of operational and design modifications of DOE- and DOD-owned reactor facilities exempt from licensing; performs technical safety review and evaluation of containment systems, power conversion systems, auxiliary systems, electrical systems, control systems and all other safety-related instrumentation for above facilities.

Gus C Lainas

Operating Reactors Branch #1

Performs overall project management for assigned licensed power operating reactors including review of technical and procedural aspects involving proposed amendments to operating licenses

Chief

ASSISTANT DIRECTOR FOR REACTOR SAFEGUARDS

Plans, directs and administers NRR reactor safeguards program; and provides management direction and supervision to the Reactor Safeguards Licensing and Reactor Safeguards Development Branches.

Assistant Director

James R. Miller

Reviews safeguard-related sections of PSAR's and FSAR's, applicants' physical security plans and contingency plans, and amendments to these plans for operating reactors; participates in operating reactors re-reviews, and directs technical assistance programs.

Reactor Safeguards Licensing Branch

Chief

Robert A. Clark

Reactor Safeguards Development Branch

Develops reactor safeguards policy recommendations; develops and analyzes new regulatory requirements involving safeguards; coordinates research and development programs; develops evaluation criteria for use in licensing function; identifies and initially develops required standards; and prepares and maintains NRR/IE reactor safeguards response plans.

Chief

Frank G. Pagano

Operating Reactors Branch #2

Performs overall coordination and project management, including technical and procedural aspects, involving proposed amendments for those operating power reactors which are under re-review as part of NRC's program to systematically evaluate margins of safety of design and operation with respect to current licensing requirements.

Chief Dennis L. Ziemann

ASSISTANT DIRECTOR FOR ENGINEEERING AND PROJECTS.

Plans and directs safety and environmental reviews of licensed operating power reactors, licensed test, research and critical facilities, and review of proposed amendments to operating licenses; evaluation of operational safety and design modification of DDE- and DDD-owned reactors exempt from licensing; technical evaluation of engineering and environmental aspects of applications for license amendments for all licensed reactor facilities; technical review of applications and issuance of construction permits and operating licenses for monpower reactors. Supervises the Standard Technical Specification Group which develops and implements standard technical specifications for nuclear power plants, research and test reactors.

Assistant Director

Brian K. Grimes

Engineering Branch

Performs evaluation of structural and mechanical components for all reactor facilities licensed for operation; evaluates applications for construction permits and operating licenses for nonpower reactors and evaluates operational and design modifications of DOE- and DOD-owned operating facilities exempt from licensing, as requested.

Chief

Vincent Noonan

Environmental Evaluation Branch

Performs safety and environmental reviews and evaluates modifications to systems for all reactor facilities licensed for operation, of all applications to construct and operate nonpower reactors, and, as requested, of operational and design modifications of DOE- and DOD-owned reactor facilities exempt from licensing; evaluates radioactive waste treatment methods and effluents, radiological accident analyses, radiation protection, emergency plans, and overall environmental assessments and analyses.

Chief

George W. Knighton

Operating Reactors Branch #3

Performs overall project management for assigned licensed power operating reactors including review of technical and procedural aspects involving proposed amendments to operating licenses.

Chief

Thomas A. Ippolito

Operating Reactors Branch #4

Performs overall project management for assigned licensed power and nonpower operating reactors including review of technical and procedural aspects involving proposed amendments to operating licenses and processing of applications for tonstruction permits and operating licenses for test reactors and critical facilities.

Chief

Robert W. Reid

ORGANIZATION CHART

DIVISION OF SYSTEMS SAFETY

Carries out detailed safety reviews of reactor applications through the operating license stage.

Director Deputy Director Roger J. Mattson Frank Schroeder

ASSISTANT DIRECTOR FOR ENGINEERING

Plans, directs and supervises the programs and activities of the Branches listed below.

Assistant Director

James P. Knight

Mechanical Engineering Branch

Reviews and evaluates seismic and pipe whip design and mechanical design of reactor vessels, reactor core supports, fuel components, coolant pumps, steam generators, coolant piping, pressurizers, component supports and other safety-related mechanical components.

Chief

Robert J. Bosnak

Materials Engineering Branch

Evaluates materials of pressure-retaining components of fluid systems important to safety, performs general technical review, analysis and evaluation of materials, fabrication, inspection and testing of reactor components and systems.

Chief

Stefan S. Pawlicki

Structural Engineering Branch

Evaluates the design of concrete and steel containments, and design of other safety-related plant structures, performs technical review, analysis and evaluation of design, construction and operation of nuclear power reactor structures

Chief

Franz P. Schauer

Geosciences Branch

Reviews reactor license applications to evaluate site adequacy, including such factors as geology, seismology, geography, demography, and foundation engineering.

Chief

Robert Jackson

ASSISTANT DIRECTOR FOR REACTOR SAFETY

Plans, directs and supervises the programs and activities of the Branches listed below.

Assistant Director (Acting)

Richard P. Denise

Reactor Systems Branch

Reviews and evaluates design and performance of reactor thermal-hydraulic systems, reactor coolant systems, and associated auxiliary systems, and emergency core cooling systems.

Chief (Acting)

Themis P. Speis

Core Performance Branch

Reviews, develops and executes calculational methods in the physics, thermal and hydraulic, and reactor fuel aspects of nuclear reactor design.

Chief

Karl Kniel

Analysis Branch

Reviews, evaluates and analyzes calculational methods used by applicants for licensing of nuclear power plants in the nuclear, thermal, and hydraulic areas of reactor and engineered safety features design; develops, in conjunction with consultants, independent calculational methods, including complex computer codes, for analyzing nuclear, thermal, and hydraulic performance during steady-state, transfert and accident conditions.

Chief

Zoltan R. Hosztoczy

Containment Systems Branch

Reviews reactor license applications and related documents to evaluate containment systems and associated sub-systems, including heat removal, heating and ventilation, isolation equipment and controls, and combustible gas control systems.

Chief

Walter R. Butler

ASSISTANT DIRECTOR FOR PLANT SYSTEMS

Plans, directs and supervises the programs and activities of the Branches listed below.

Assistant Director (Acting)

Voss. A. Moore, Jr.

Auxiliary Systems Branch

Reviews reactor license applications and related documents to evaluate the design, fabrication and operation of auxiliary systems and fire protection programs.

Chief

Victor Benaroya

Instrumentation and Control Systems Branch

Reviews and evaluates design, fabrication, and operation of reactor protection and safety instrumentation, and control instrumentation, participates in development of guides and regulations pertaining to instrumentation and control systems.

Chief

Rodney Satterfield

Power Systems Branch

Reviews reactor license applications and related documents to evaluate the design, fabrication and operation of onsite and offsite electrical power systems and the steam and power conversion systems; participates in the development of guides and regulations pertaining to these systems.

Chief

Faust Rosa

ORGANIZATION CHART

DIVISION OF SITE SAFETY AND ENVIRONMENTAL ANALYSIS

Reviews and evaluates all safety and environmental aspects of reactor sites.

Director

Deputy Director

Richard C. DeYoung Daniel R. Muller

ASSISTANT DIRECTOR FOR ENVIRONMENTAL TECHNOLOGY

Plans, directs and supervises programs and activities of the Branches listed below.

Assistant Birector William Regan, Jr (Acting)

Environmental Specialists Branch

Provides specialized technical expertise on nonradiological environmental technical disciplines; develops guides for preparation of environmental reports by applicants and environmental statements by NRC staff.

Chief

George L. Lear

Cost Benefit Analysis Branch

Provides specialized expertise in assessing benefits of nuclear facilities against environmental costs; develops related guides and methods, prepares cost benefit portions of NRC environmental statements on these facilities.

Chief

B. Joe Youngblood

ASSISTANT DIRECTOR FOR ENVIRONMENTAL PROJECTS

Plans, directs and supervises programs and activities for assessing the environmental impact of siting, construction, and operation of reactor facilities proposed for licensing, and for preparation and processing of environmental impact statements for such facilities.

Assistant Director William Regan, Jr. (Acting)

Environmental Project Branch *1

Reviews, evaluates and coordinates technical aspects, and coordinates all NRC activities, pertaining to evaluation and processing of environmental impact statements relative to applications for siting, comstruction permits and operating licenses for reactors; directs environmental review activities for operating reactors.

Chief

Ronald L. Ballard

Environmental Project Branch *2

Reviews, evaluates and coordinates technical aspects, and coordinates all NRC activities, pertaining to evaluation and processing of environmental impact statements relative to applications for siting, construction permits and operating licenses for reactors; directs environmental review activities for operating reactors;

Chief (Acting)

Donald Sells

ASSISTANT DIRECTOR FOR SITE ANALYSIS

Plans, directs and supervises programs and activities of the Branches listed below

Assistant Director

William E. Kreger

Accident Analysis Branch

Reviews containment fission product removal systems; control room habitability; postulated turbine failures, tornado and other missile hazards; risks associated with nearby industrial, transportation and military facilities. Calculates radiological consequences of postulated accidents; evaluates suitability of proposed and alternate sites regarding population and land use; reviews site plans regarding radiological emergencies; performs porting reviews of nuclear-powered naval vessels.

Chief

R. Wayne Houston

Effluent Treatment Systems Branch

Reviews reactor license applications to evaluate plant systems and equipment for fission product removal and treatment of radioactive waste, including development of analytical models, assumptions and calculation and methods for evaluating the effectiveness of proposed systems.

Chief

John 1. Collins

Radiological Assessment Branch

Assesses radiological impact of licensee facilities on environment, including potential pathways for exposure to man and blota, develops and prepares radiological evaluations for environmental statements, evaluates adequacy of radiological protection for onsite personnel.

Chief

Thomas D. Murphy

ASSISTANT DIRECTOR FOR SITE TECHNOLOGY

Plans, directs and supervises programs and activities of the Branches listed below

Assistant Director William E. Kreger (Acting)

Hydrology-Meteorology Branch

Reviews reactor license applications to evaluate site adequacy, including such factors as hydrology, meteorology, geography, demography, and foundation engineering.

Chief

Lewis G. Hulman

ORGANIZATION CHART

OFFICE OF NUCLEAR REGULATORY RESEARCH

Plans, recommends and implements the programs of nuclear regulatory research which the Commission deems necessary for the performance of its licensing and related regulatory functions.

Director Deputy Director Saul Levine Robert J. Budnitz

ADMINISTRATION AND RESOURCE CONTROL STAFF

Provides direction and coordination of major support programs involving budget, financial and manpower resource control, personnel management, training, travel, administrative services, contracting and contract management, inter and intra-agency relations, and management information systems development, participates with the Director, RES, in long-range planning of certain programs of the Office.

Director

Ronald M. Scroggins

Budget and Contracts Management Branch

Provides financial and manpower resource planning, analysis and control, and management support for all professional programs through coordination of budget activities, maintenance of official financial plans and cost records, preparation and processing of all financial transactions, contracting, management information systems, and recommendations on financial and contracting policies and procedures.

Chief

Martin R. Hayes

Administrative Branch

Provides personnel support and resource control through planning, preparation and processing of personnel actions, staffing plans, and organization proposals; financial management of training and travel, preparation and processing of personnel services arrangements; mail and records management for RES; and personnel security

Chief

Camille Kime

Program Coordination Branch

Provides coordination of Office review and evaluation of requests from other NRC user offices for research work, identifies, prepares, coordinates and issues Research information Letters, establishes, evaluates, revises and maintains Office MBO's, coordinates Office review of other Offices proposed contract actions and NRC technical assistance programs, coordinates Office correspondence, position papers, policy statements, and relationships with other NRC offices, the Commission other Federal agencies, and the Congress

Chief

John T. Larkins

PROBABILISTIC ANALYSIS STAFF

Assists Director in planning, developing, coordinating, and supervising programs for development and applications of methods of quantitative risk assessment of nuclear power reactors including light water, gascooled, and fast-breeder reactors.

Director Deputy Director Robert Bernero Francis H. Rowsome

DIVISION OF REACTOR SAFETY RESEARCH

(see pages 43 and 44)

DIVISION OF SAFEGUARDS, FUEL CYCLE AND ENVIRONMENTAL RESEARCH

(see page 42)

ORGANIZATION CHART

DIVISION OF SAFEGUARDS, FUEL CYCLE AND ENVIRONMENTAL RESEARCH

Plans, develops, coordinates and supervises programs of safeguards, fuel cycle and environmental research, directing the execution of policies, procedures, and program plans required to accomplish the functions of the Division.

Director Deputy Director Frank J. Arsenault Ormon E. Bassett

ASSISTANT DIRECTOR FOR SAFEGUARDS AND SYSTEMS PERFORMANCE RESEARCH

Recommends, coordinates, and directs research programs to improve the NRC capability to evaluate policy, regulations, and licensee performance with respect to safeguards and radiation protection systems including non-reactor safety systems.

Assistant Director

Jay B. Durst

Safeguards Research Branch

Plans, recommends, coordinates and manages programs of research on methods, data and devices for evaluating the effectiveness of safeguards strategies systems and components and for assessing licensee safeguards system design and implementation.

Chief

Gerald K. Tomlin

Systems Performance Research Branch

Plans, recommends, coordinates and manages programs of research on radiation safety, except for reactor safety, and on effluent control, radwaste treatment, and protection of workers against radiation exposure for all activities licensed by NRC. This includes the definition of source terms for effluents and accidental releases and the identification of the sources of occupational exposure.

Chief

Donald E. Solberg

ASSISTANT DIRECTOR FOR WASTE MANAGEMENT AND ENVIRONMENTAL RESEARCH

Recommends, coordinates, and directs research programs to improve the NRC capability to evaluate waste managements policy, regulations, and licensee performance and to perform environmental impact assessments.

Assistant Director

Jared J. Davis

Environmental Effects Research Branch

Plans, recommends, coordinates and manages programs of research on the environmental effects of the construction and operation of licensed nuclear activities and of the potential releases of radioactive material resulting from accident or malevolent act. These effects include the potential health effects resulting from radioactive release and from occupational exposure.

Chief

Frank Swanberg, Jr.

Waste Management Research Branch

Plans, recommends, Coordinates and manages programs of research on the safety and performance of methods for disposal and isolation of radioactive waste. This includes research on the environmental processes by which radioactive waste might be released into man's environment.

Chief (Acting)

Jared J. Davis

ORGANIZATION CHART

DIVISION OF REACTOR SAFETY RESEARCH

Plans, develops, coordinates and directs programs of reactor safety research including the execution of policies, procedures and program plans required to accomplish the functions of the Division. Provides funding direction to NRC contractors, DDE laboratories and other government agencies consistent with NRC policies.

Director Deputy Director Thomas E. Murley Vacant Provides liaison to the execution of reactor safety research programs by contractors on site; coordinates NRC facility requirements with field level DOE personnel based on research program direction.

IDAHO SITE REPRESENTATIVE

Representative

Vacant

ASSISTANT DIRECTOR FOR GENERAL REACTOR SAFETY RESEARCH

Plans, develops, coordinates, and supervises programs of safety research for nuclear reactors to include theoretical and experimental programs of investigation of external phenomena such as earthquake, wind, etc., and the behavior and integrity of reactor structures, systems and components under condition that could be expected in the course of reactor operation, accidents and severe natural events.

Assistant Director

Lawrence C. Shao

Site Safety Research Branch

Plans, recommends, evaluates and manages research programs in seismology, geology, hydrology and meteorology to establish site and environmental safety-related information for use in evaluation of light water reactor safety; plans, evaluates, recommends and provides liaison and direction for foreign cooperative programs in areas of branch responsibility; provides liaison and technical guidance to other agencies related to program, projects and studies within areas of branch responsibility.

Chief

Jerry Harbour

Mechanical Engineering Research Branch

Plans, recommends, evaluates and manages research programs to investigate the effects and risks associated with extreme natural phenomena, severe accidents and normal operation on nuclear plants and the behavior and integrity of reactor plant safety systems and mechanical components.

Chief

James E. Richardson

Structural Engineering Research Branch

Plans, recommends, evaluates and manages research programs to investigate the effects and risks associated with extreme natural phenomena, severe accidents and normal operation on nuclear plants and the behavior and integrity of reactor plant structures and components.

Chief

Goutam Baychi

ASSISTANT DIRECTOR FOR ADVANCED REACTOR SAFETY RESEARCH

Plans, develops, coordinates and supervises programs of safety research for advanced reactors. These programs include analytical and experimental investigations into all aspects of behavior of reactor materials components and systems and their relationship to safety. Supervises the evaluation and dissemination of knowledge developed in the advanced reactor safety research programs.

Assistant Director

Charles N. Kelber

Experimental Fast Reactor Safety Research Branch

Plans, develops, coordinates and manages experimental fast reactor safety research programs from initial development through execution and dissemination of the results.

Chief

Melvin Silberberg

Analytical Advanced Reactor Safety Research Branch

Plans, develops, coordinates and manages analytical advanced reactor safety research programs from initial development through execution and dissemination of the results.

Chief

Robert T. Curtis

Experimental Gas-Cooled Reactor Safety Research Branch

Plans, develops, coordinates and manages gas-cooled and other advanced reactor safety research programs from initial development through execution and dissemination of the results

Chief

Robert D. Schamberger

Metallurgy and Materials Branch

Plans, recommends, evaluates and manages research programs in area of metallurgy, fracture mechanics, properties degradation and nondestructive examination related to the structural analysis of primary system components of LWR's.

Chief

Charles Z. Serpan

ORGANIZATION CHART

DIVISION OF REACTOR SAFETY RESEARCH

ASSISTANT DIRECTOR FOR WATER REACTOR SAFETY RESEARCH

Plans, develops, coordinates and supervises research and development programs relating to the safety of water-moderated reactors in the civilian power sector; provides technical guidance and direction and execution of policies, procedures and administrative duties in water reactor safety research program; coordinates safety research programs with other appropriate NRC components, and with industrial and foreign safety research.

Assistant Director

Long Sun Tong

Separate Effects Research Branch

Plans, recommends, evaluates and manages research programs and projects related to safety systems of light water reactors, including basic phenomenological research, effects testing, and system simulation experiments.

Chief

L. Harold Sullivan

Research Support Branch

Plans, recommends, evaluates and manages research programs on operational-safety aspects of nuclear power operation, including fire protection, qualification testing evaluation, human factors, valve testing, noise diagnostics, and plant instrumentation. Provides program management for international refill/reflood program. Provides for technical support services such as information centers and the code center.

G. L. Bennett

Fuel Behavior Research Branch

Plans, recommends, evaluates and manages research programs concerning fuel assembly response rod behavior during normal, abnormal, and accident conditions, using appropriate nuclear and non-nuclear facilities.

Chief

William V Johnston

LOFT Research Branch

Plans, recommends, evaluates and manages the Loss-of-Fluid Test research program. Advises on tests in other integral and separate effects programs. Provides Italson with foreign interests involved in LOFI program and manages all work funded with foreignsource funds.

Chief

G. Donald McPherson

Analysis Development Branch

Plans, recommends, evaluates and manages development of analytical methods and computer programs for water reactor safety analysis and research, and generic calculations using these methods and programs.

Chief

Stanislav Fabic

U.S. NUCLEAR REGULATORY COMMISSION ORGANIZATION CHART OFFICE OF INSPECTION AND ENFORCEMENT Develops policies and implements programs for inspection and investigation of licensees, applicants, and their contractors and suppliers to: ascertain whether they are complying with NRC regulations, rules, orders and license conditions; identify conditions that may adversely affect public health and safety, the environment, or the safeguarding of nuclear materials and facilities; provide a basis for recommending issuance or denial of an authorization, permit or license; determine whether quality assurance programs meet NRC criteria; and recommend or take appropriate action regarding incidents or accidents; develops policies and implements a program of enforcement action. Director Victor Stello, Jr. Deputy Director (Acting) **Dudley Thompson** EXECUTIVE OFFICER EXECUTIVE OFFICER FOR MANAGEMENT AND ANALYSIS FOR OPERATIONS SUPPORT (see page 46) (see page 46) DIVISION OF FUEL FACILITIES DIVISION OF REACTOR **DIVISION OF SAFEGUARDS** DIVISION OF REACTOR **OPERATIONS INSPECTION** AND MATERIALS SAFETY INSPECTION INSPECTION CONSTRUCTION INSPECTION (see page 46) (see page 46) (see page 46) (see page 46) REGION IV REGION V REGION I REGION II REGION III (Dallas) (Philadelphia) (Atlanta) (Chicago) (San Francisco) (page 47) (page 47) (page 47) (page 48) (page 48)

ORGANIZATION CHART

OFFICE OF INSPECTION AND ENFORCEMENT

Executive Officer For Management and Analysis

Administers functions of budgets, financial control, computer services, management information systems, planning, personnel management, contract administration, technology and inspection training, and management studies and analyses.

Leonard I. Cobb

Executive Officer For Operations Support

Develops policy, criteria, and program requirements for enforcement and investigations; manages investigations assigned to Headquarters; assures that Headquarters enforcement decisions meet criteria; coordinates the enforcement program for consistency among the Divisions and Regional Offices; develops and administers the procedure and center for response to incidents; and provides centralized administrative support to the Headquarters staff.

Dudley Thompson

DIVISION OF REACTOR CONSTRUCTION INSPECTION

Conducts functions pertaining to operation of reactors. Develops the inspection program, assuring the technical adequacy of enforcement cases and investigations, preparing notifications to appropriate parties regarding incidents and generic issues, providing technical management and support to the NRC response to incidents, monitoring and appraising program performance by individual Regions and representing the Office to other NRC offices on matters of common interest.

Director

Harold D. Thornburg

DIVISION OF REACTOR OPERATIONS INSPECTION

Conducts functions pertaining to operation of reactors. Develops the inspection program, assuring the technical adequacy of enforcement cases and investigations, preparing notifications to appropriate parties regarding incidents and generic issues, providing technical management and support to the NRC response to incidents, monitoring and appraising program performance by individual Regions and representing the Office to other NRC offices on matters of common interest.

Director

Norman C. Moseley

DIVISION OF FUEL FACILITIES AND MATERIALS SAFETY INSPECTION

Conducts functions pertaining to radiological and environmental protection at reactors, fuel facilities and in the handling of licensed materials, and for criticality control at fuel facilities. Develops the inspection program, assuring the technical adequacy of enforcement cases and investigations, preparing notifications to appropriate parties regarding incidents and generic issues, providing technical management and support to the MRC response to incidents, monitoring and appraising program performance by individual Regions and representing the Office to other NRC offices on matters of common interest.

Director

James H. Sniezek

DIVISION OF SAFEGUARDS INSPECTION

Conducts functions pertaining to protection of nuclear materials and reactors. Develops the inspection program, assuring the technical adequacy of enforcement cases and investigations, preparing notifications to appropriate parties regarding incidents and generic issues, providing technical management and support to the NRC response to incidents, monitoring and appraising program performance by individual Regions and representing the Office to other NRC offices on matters of common interest.

Director

E Morris Howard

THE CHIEF LICH CHEST

REGION I (Philadelphia)	REGION II (Atlanta)	REGION III (Chicago)
Office of the Director-directs all Region activities including inspections, investigations, and enforcement actions.	Office of the Director-directs all Region activities in- cluding inspections, investigations, and enforcement actions.	Office of the Director-directs all Region activities in- cluding inspections, investigations, and enforcement actions.
Director Boyce H. Grier Deputy Director James M. Allan	Director James P. O'Reilly Deputy Director Vacant	Director James G. Keppler Deputy Director Gen W. Roy
Reactor Operations and Nuclear Support Branch-inspects and investigates reactors and critical assembling in testing or startup status and with operating licenses; takes enforcement actions.	Reactor Operations and Nuclear Support Branch-inspects and investigates reactors and critical assembling in testing or startup status and with operating licenses; takes enforcement actions.	Reactor Operations and Nuclear Support Branch-inspects and investigates reactors and critical assembling in testing or startup status and with operating licenses, takes enforcement actions.
Chief Eldon J. Brunner	Chief Francis J. Long	Chief Robert F, Heishman
Reactor Construction and Engineering Support Branch- inspects and investigates reactors under construction; provides technical support on operating reactors; takes enforcement actions.	Reactor Construction and Engineering Support Branch- inspects and investigates reactors under construction; provides technical support on operating reactors; takes enforcement actions.	Reactor Construction and Engineering Support Branch- inspects and investigates reactors under construction; provides technical support on operating reactors; takes enforcement actions.
Chief Robert 1. Carlson	Chief Charles E. Murphy	Chief Gaston Fiorelli
Fuel Facility and Materials Safety Branch inspects ra- diological and environmental protection programs of licensees and fuel facility construction and operation; takes enforcement actions.	Fuel Facility and Materials Safety Branch-inspects ra- diological and environmental protection programs of licensees and fuel facility construction and operation; takes enforcement actions.	Fuel Facility and Materials Safety Branch-inspects ra- diological and environmental protection programs of licensees and fuel facility construction and operation; takes enforcement actions.
Chief George H. Smith	Chief Jack T. Sutherland	Chief Alvin 8. Davis
Safeguards Branch-inspects and investigates licensee protection of facilities and materials; takes enforcement actions.	Safeguards Branch-inspects and investigates licensee protection of facilities and materials; takes enforcement actions.	Safeguards Branch-inspects and investigates licensee protection of facilities and materials, takes enforcement actions.
Chief Walter G. Martin	Chief William B. Kenna	Chief John A. Hind

REGION IV

Office of the Director-directs all Region activities including inspections, investigations, and enforcement actions.

Director

Karl V. Seyfrit

Reactor Operations and Nuclear Support Branch-inspects and investigates reactors and critical assembling in testing or startup status and with operating licenses; takes enforcement actions.

Chief

Glen L. Madsen

Reactor Construction and Engineering Support Branchinspects and investigates reactors under construction; provides technical support on operating reactors; takes enforcement actions.

Chief

William C. Seidle

Fuel Facility and Materials Safety Branch inspects radiological and environmental protection programs of licensees and fuel facility construction and operation; takes enforcement actions

Chief

Glen D. Brown

Vendor Inspection Branch-inspects and investigates enrichment facilities, nuclear steam suppliers, architect-engineers, and component vendors; takes enforcement actions.

Chief

Uldis Potapovs

REGION V (San Francisco)

Office of the Director-directs all Region activities including inspections, investigations, and enforcement actions.

Director

Robert H. Engelken

Reactor Operations and Nuclear Support Branch-inspects and investigates reactors and critical assembling in testing or startup status and with operating licenses; takes enforcement actions.

Chief

J. L. Crews

Reactor Construction and Engineering Support Branch-Inspects and investigates reactors under construction; provides technical support on operating reactors; takes enforcement actions.

Chief

George S. Spencer

Fuel Facility and Materials Safety Branch-inspects radiological and environmental protection programs of licenses and fuel facility construction and operation, takes enforcement actions.

Chief

Herbert E. Book

Safeguards Branch-inspects and investigates licensee protection of facilities and materials, takes enforcement actions.

Chief

Leroy R. Norderhaug