

U. S. NUCLEAR REGULATORY COMMISSION FUNCTIONAL ORGANIZATION CHARTS

August 1977

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Division of Technical Information and Document Control
Office of Administration
U. S. Nuclear Regulatory Commission

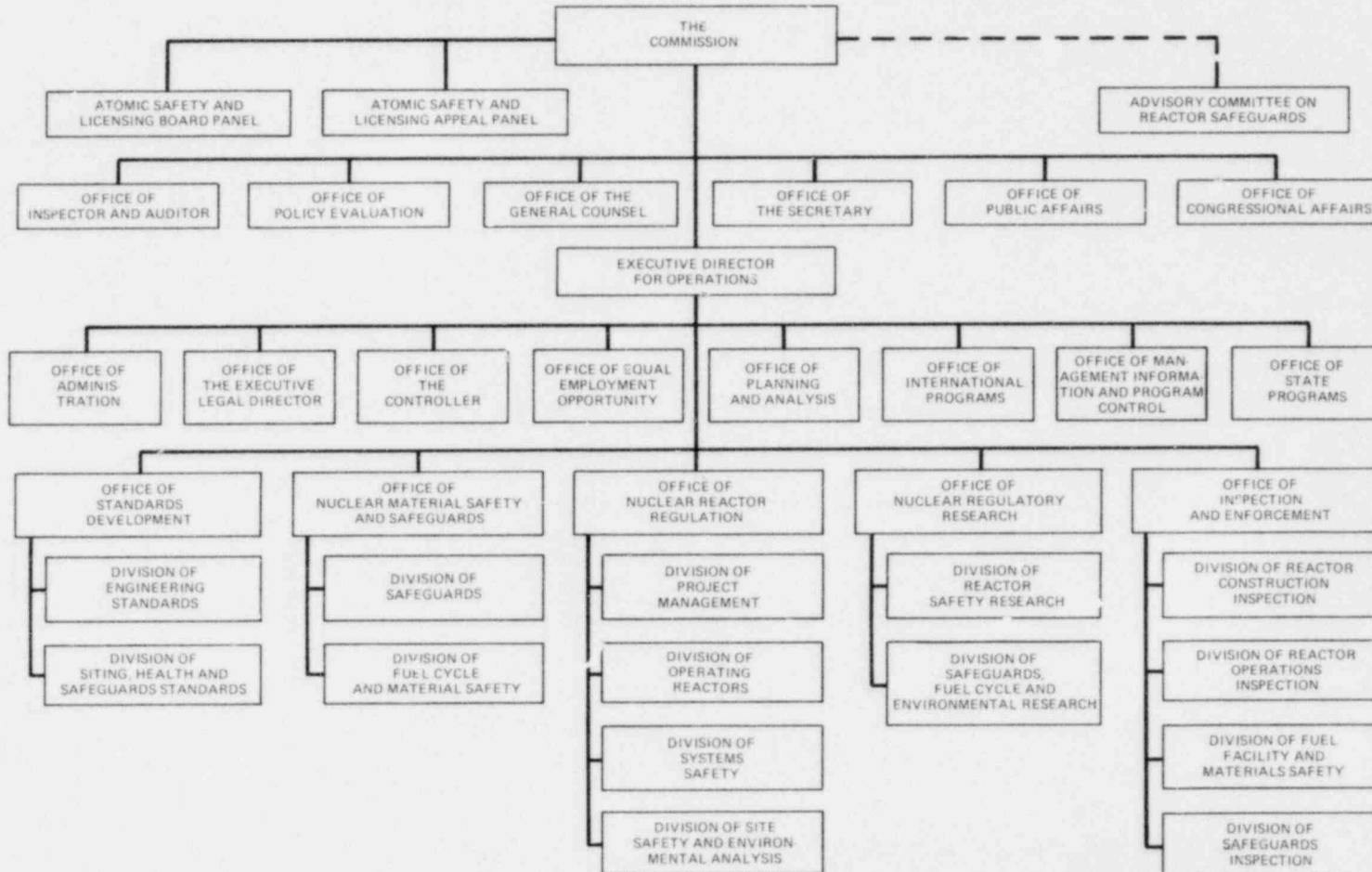
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U.S. NUCLEAR REGULATORY COMMISSION

ORGANIZATION CHART



REGION I PHILADELPHIA
REGION II ATLANTA
REGION III CHICAGO
REGION IV DALLAS
REGION V SAN FRANCISCO

ORGANIZATION CHART

U.S. NUCLEAR REGULATORY COMMISSION

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ORGANIZATION CHART

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

James R. Yore

ORGANIZATION CHART

U.S. NUCLEAR REGULATORY COMMISSION

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	Alan S. Rosenthal

ORGANIZATION CHART

U.S. NUCLEAR REGULATORY COMMISSION

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; reviews any generic issues or other matters specifically referred to it by the Commission for advice.	
Chairman	Myer Bender
Vice-Chairman	Stephen Lawroski
Executive Director	Raymond F. Fraley
Asst. Executive Director	Marvin C. Gaske
Asst. Executive Director for Project Review	Morton W. Libarkin

U.S. NUCLEAR REGULATORY COMMISSION

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SPECIAL ASSISTANT - CRIMINAL MATTERS AND LIAISON

Advises and consults with the Director and the audit and investigative staff on criminal matters; advises, assists and maintains close liaison with the Office of Inspection and Enforcement (IE) and other elements within NRC in the conduct of investigations involving possible criminal activities and reviews IE investigations for possible criminal activities; maintains liaison with the Department of Justice and other law enforcement agencies in potential criminal and other investigative matters.

Special Assistant Vacant

SPECIAL ASSISTANT - TECHNICAL MAT.

Advises and consults with the Director and the audit and investigative staff in the inspection and auditing of the technical aspects of NRC operations; reviews for the Director the technical portions of investigative, inspection and audit reports; participates in investigations, audits and inspections as assigned by the Director or Deputy Director.

Special Assistant John Anderson

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-to-day 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 Thomas J. McTiernan
Deputy Director D. Gene Abston

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, as needed, in the investigation and inspection of activities within the Commission.

Assistant Director William Ryan

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 liaison with the Department of Justice and other investigative agencies on inspection and investigative matters.

Administrative Audits Branch

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 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 Art. Schnebelen

Research and Contracts 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 on audit recommendations and brings to the attention of proper officials any matters on which corrective actions has not been taken.

Chief Alphonse Gauthier

Safety and Enforcement Audits Branch

Plans, organizes, directs, conducts and controls continuing audits of NRC 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 reports 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

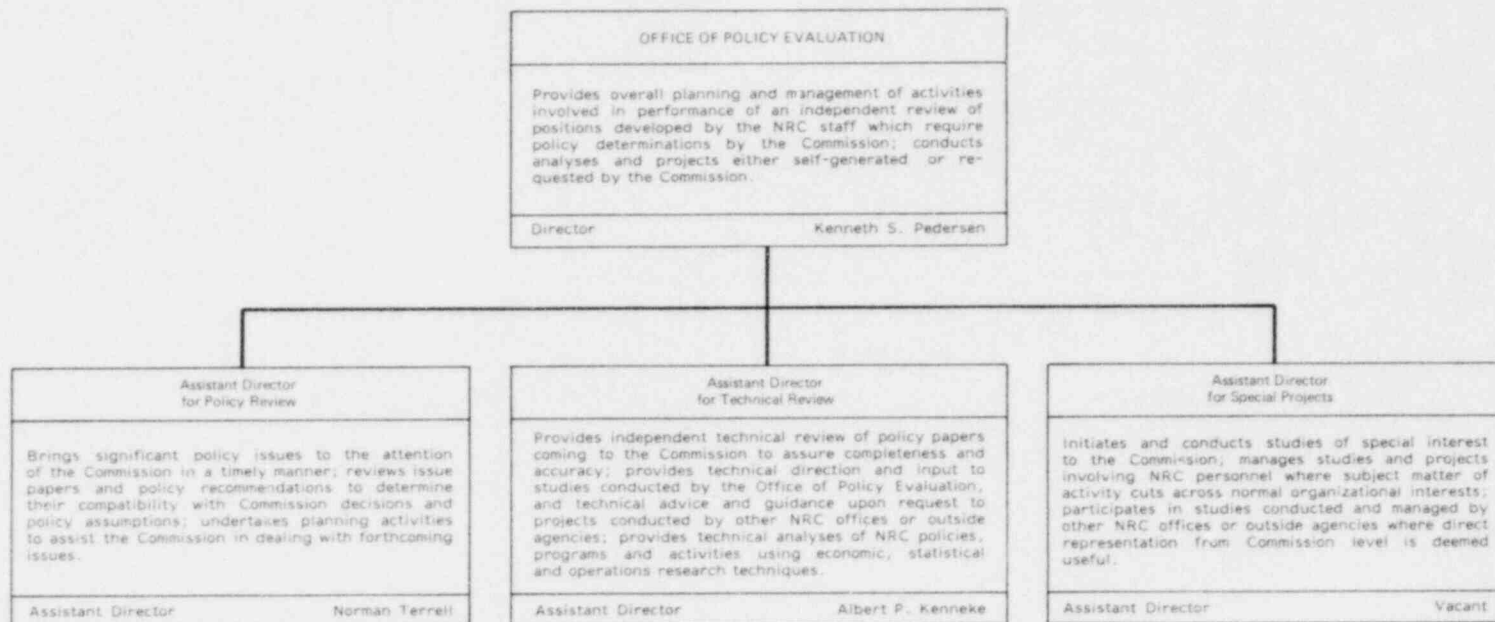
Licensing and Standards Audits Branch

Plans, organizes, directs, conducts and controls continuing audits of NRC Licensing and Standards activities, including Reactor, Fuel 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 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 Fred Herr

U.S. NUCLEAR REGULATORY COMMISSION

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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.

Acting General Counsel

James L. Kelley

U.S. NUCLEAR REGULATORY COMMISSION

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OFFICE OF THE SECRETARY OF THE COMMISSION

Develops policies and procedures for the provision of complete secretariat services required for the discharge of Commission business and implementation of Commission decisions; advises and assists the Commission, Offices reporting directly to the Commission, the Executive Director for Operations and his subordinate offices on the scheduling and conduct of Commission business. Assistant Secretary performs functions of the Federal Advisory Committee Management Officer; maintains liaison with certain boards and advisory committees; and acts as FOIA coordinator for Commission documents.

Secretary: Samuel J. Chilk
Assistant Secretary: John C. Hoyle

HISTORICAL OFFICE

In accordance with direction provided by the Commission, develops policies and procedures for the NRC history program; plans and supervises historical research; establishes the format and content and supervises the preparation of NRC history.

Chief Historian: Roger R. Trask

Plans Office

Performs studies and develops procedures to assure timely and accurate formulation of Commission schedules, forecasts and status of items requiring Commission consideration, and a responsive NRC staff action process; assists in program development and budget formulation.

Edward W. McGregor

Administrative and Logistical Support Services Branch

Provides staff services to the Commissioners and Secretary on day-to-day administrative and logistical support operations; coordinates arrangements for all VIP visitors to the Commission; operates a reproduction facility.

Chief: Vacant

OPERATIONS BRANCH

Provides guidance to NRC staff on preparation and scheduling of Commission staff papers; reviews papers for accuracy and completeness and assures their proper processing and dissemination; maintains status of staff papers to include forecasts; develops and issues schedules of Commission business; assures timely notification to Commission of matters requiring review and decision; records Commission meetings and provides NRC staff with information on Commission actions; provides, in accordance with the requirements of the Government in the Sunshine Act, appropriate notice of open and closed meetings.

Chief: Walter A. Magee

CORRESPONDENCE AND RECORDS BRANCH

Receives and processes all correspondence for the Chairman, Commissioners and offices reporting directly to the Commission; operates a consolidated mail facility for the Commissioners and other offices at Commission level; maintains continuous status check on this correspondence to assure timely response; processes outgoing correspondence; maintains Commission's official records; serves as classified document control officer for Commission and offices reporting directly to Commission.

Chief: Thomas R. Combs

DOCKETING AND SERVICE BRANCH

Develops and maintains official Commission dockets involving hearings and processes all resulting issuances; maintains status check on NRC administrative proceedings, rulemaking, and litigation of interest to NRC; receives all requests for intervention, limited appearances and other adjudicatory filing in regulatory proceedings; issues all orders and other Commission promulgations; transmits documents for publication in the Federal Register.

Chief: Chase R. Stephens

PUBLIC DOCUMENT BRANCH

Plans, directs and administers the activities of the NRC Public Document Room; maintains facility for receiving, reviewing, processing, storing, and retrieving documents for public access; creates and maintains indices to NRC's public documents; maintains micro-fiche collection; insures immediate availability of records transmitted to the Public Document Room; makes available NRC press releases and other NRC documents for public access.

Chief: Jill Geiger

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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 news media 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 (Acting)	Joseph J. Fouchard

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U.S. NUCLEAR REGULATORY COMMISSION

OFFICE OF CONGRESSIONAL AFFAIRS

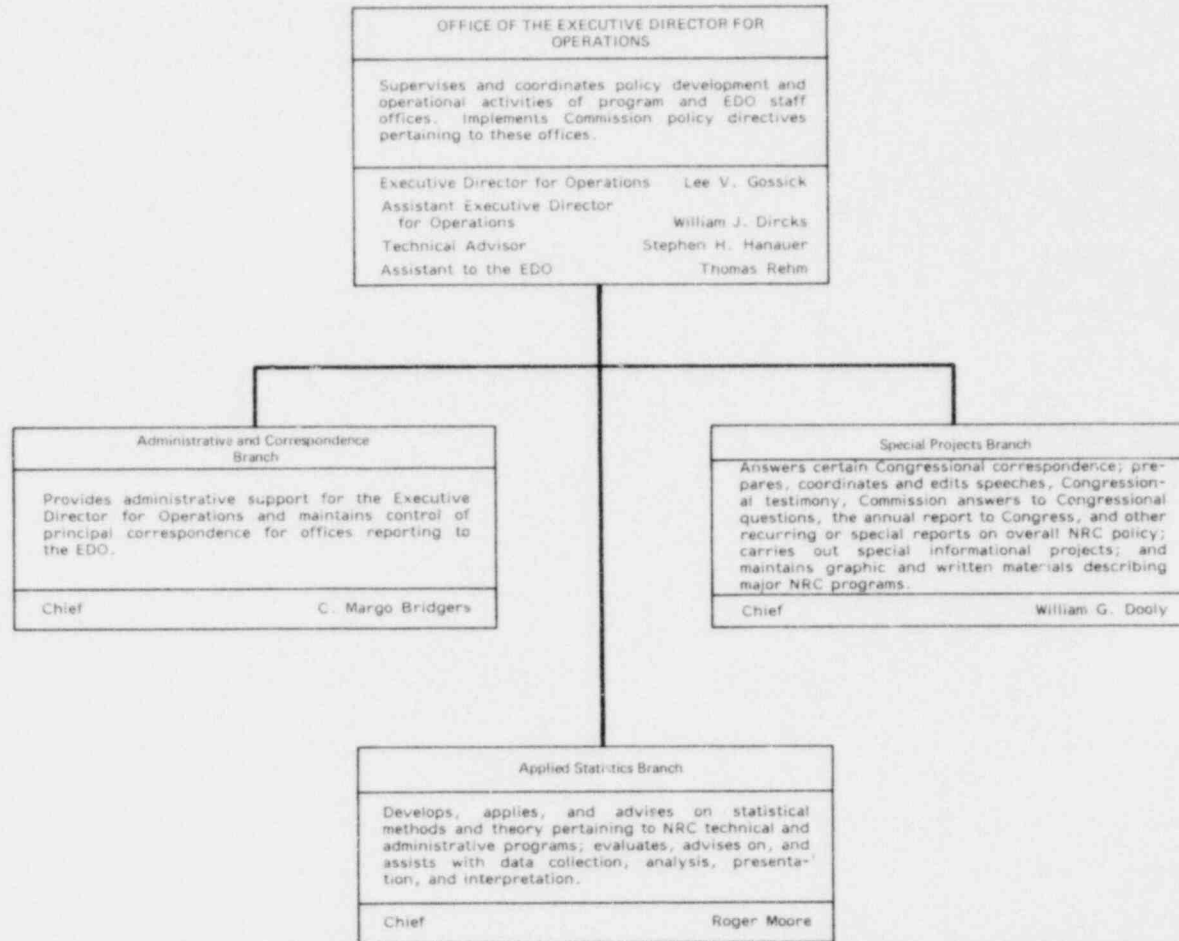
Provides advice and assistance to the Commission and NRC staff on all NRC relations with Congress and views of Congress toward NRC policies, plans and activities; maintains liaison with Congressional Committees and members of Congress on matters of interest to NRC; serves as primary contact point for 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

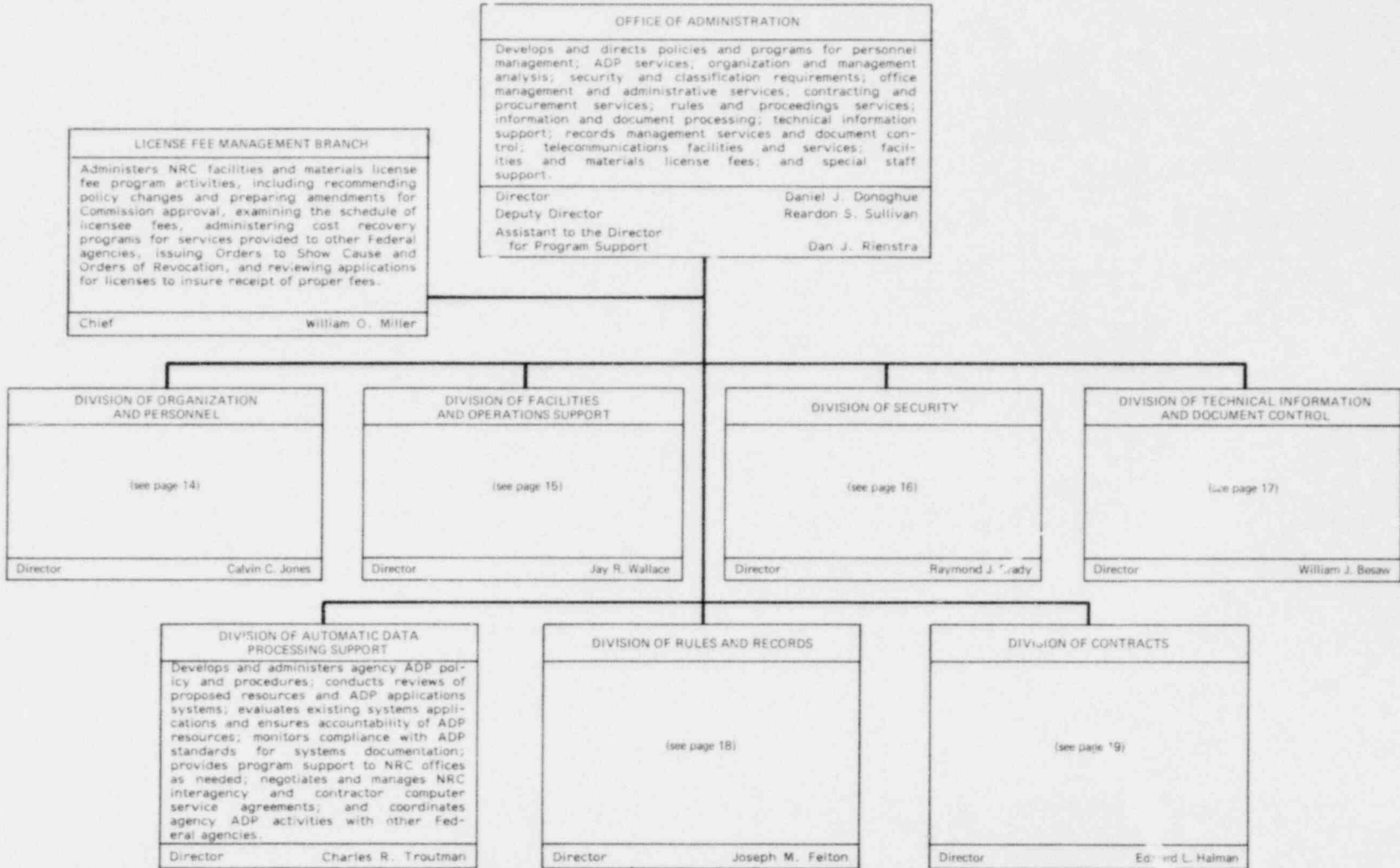
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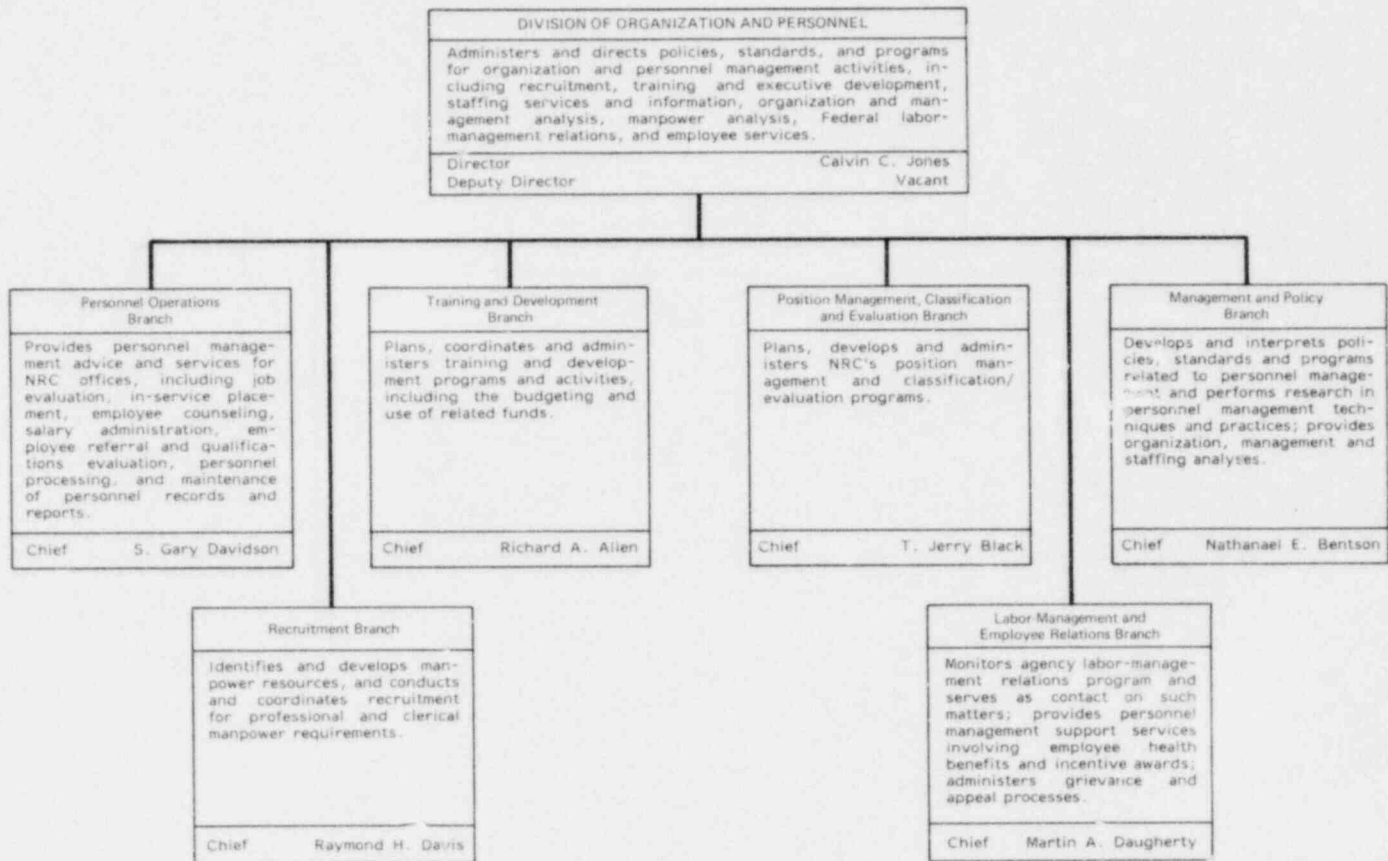
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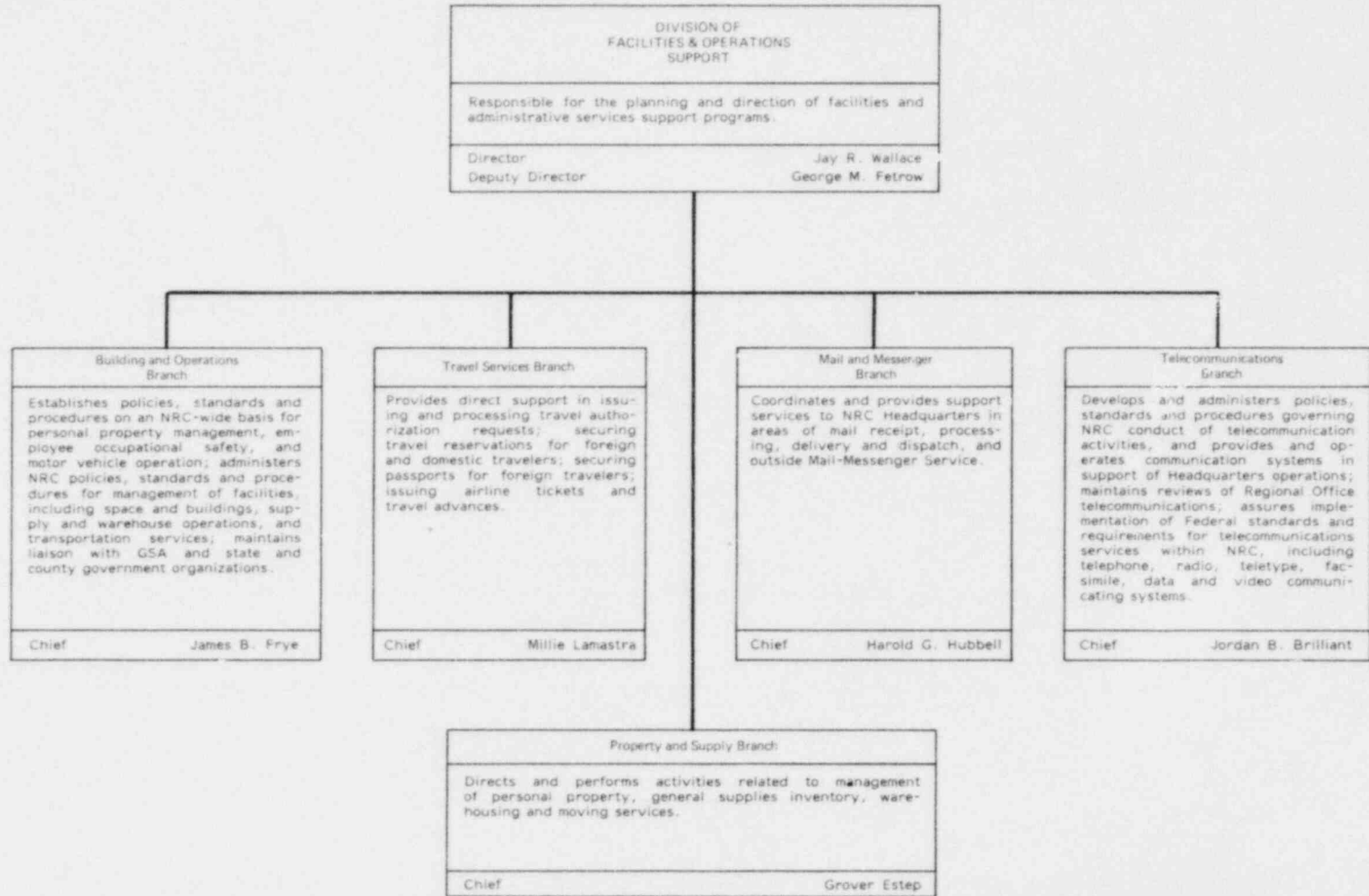
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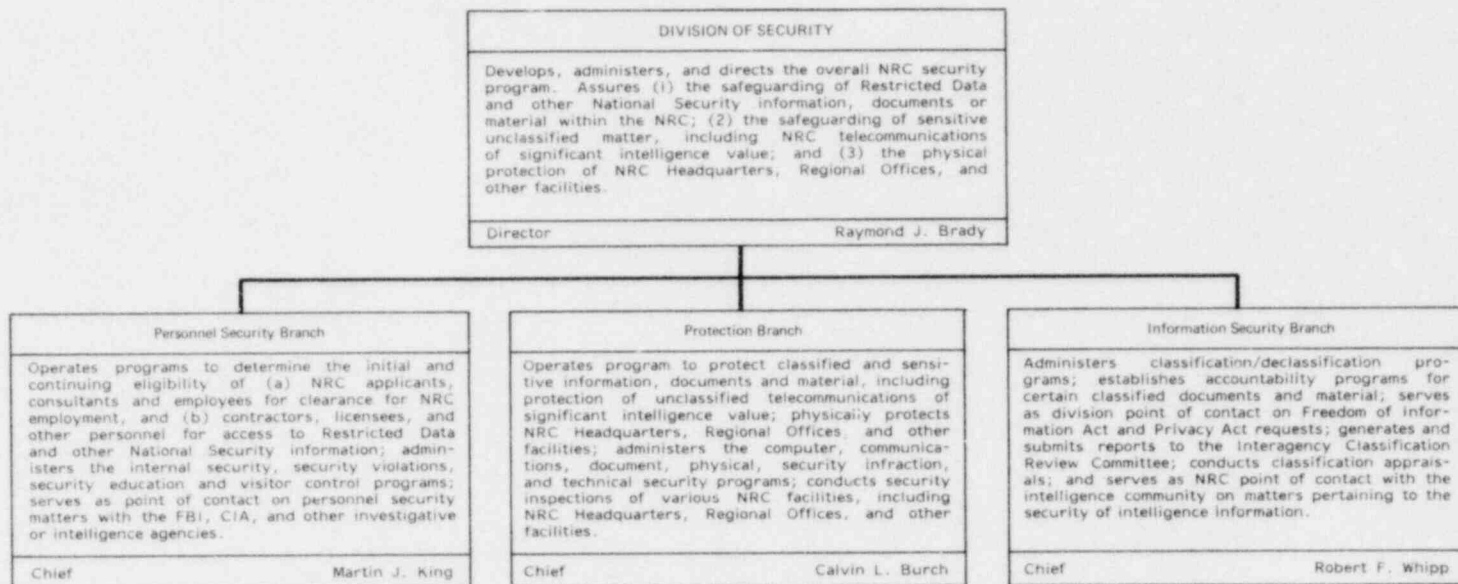
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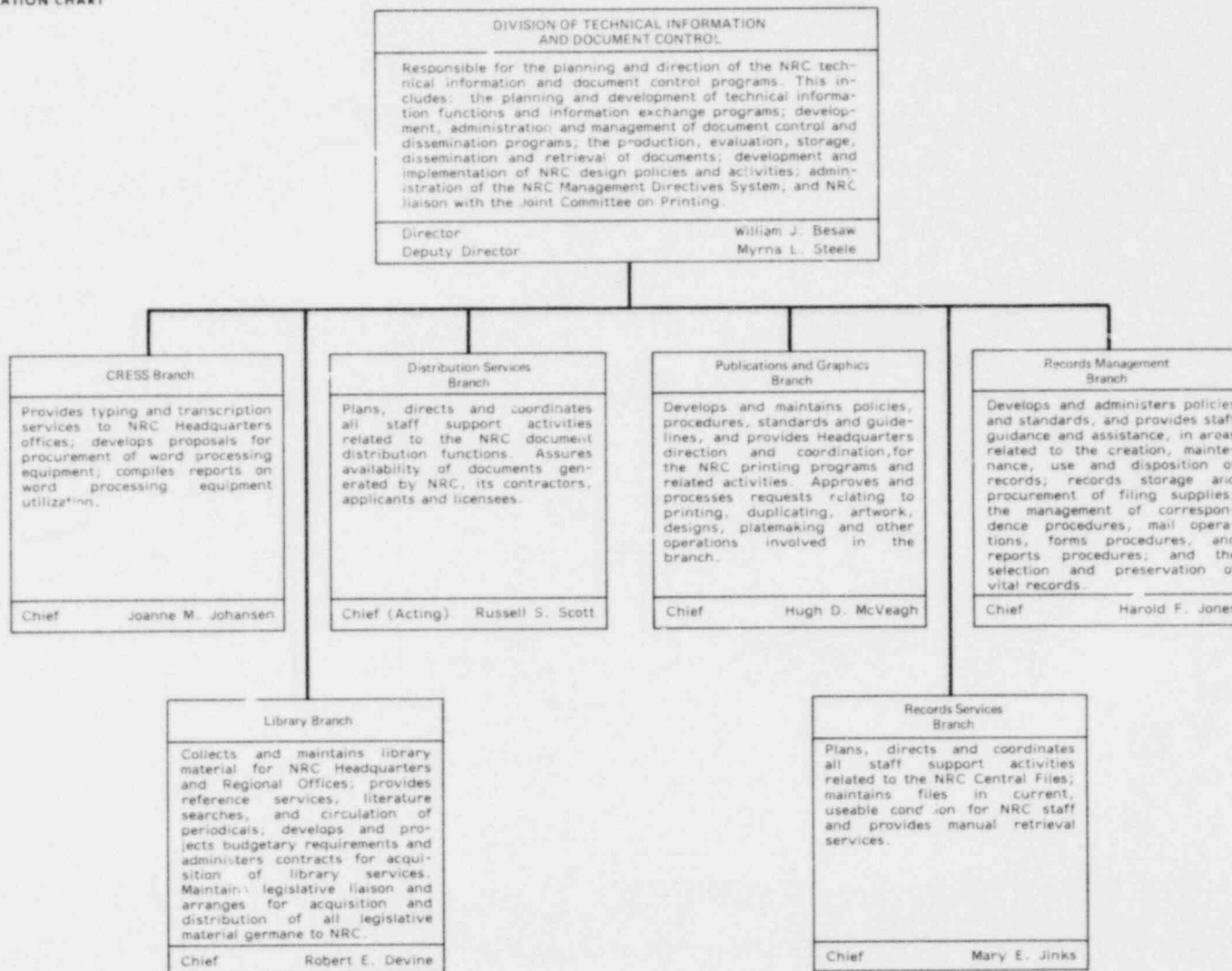
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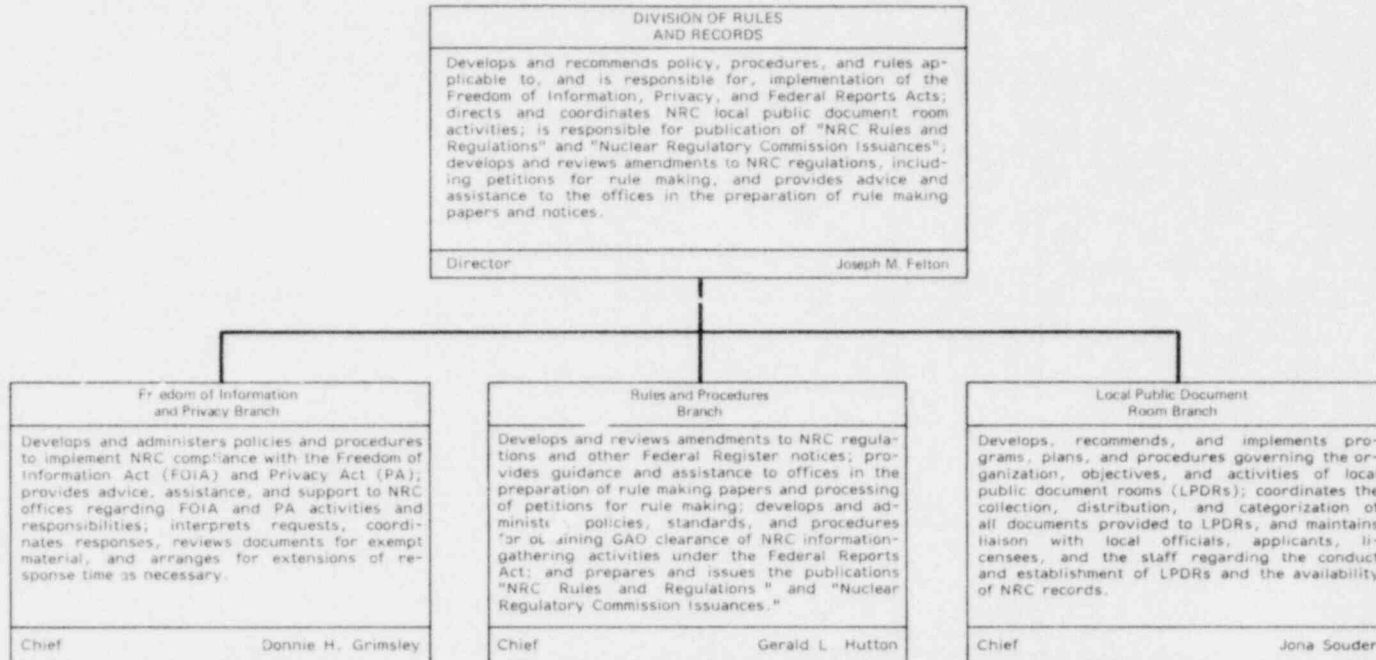
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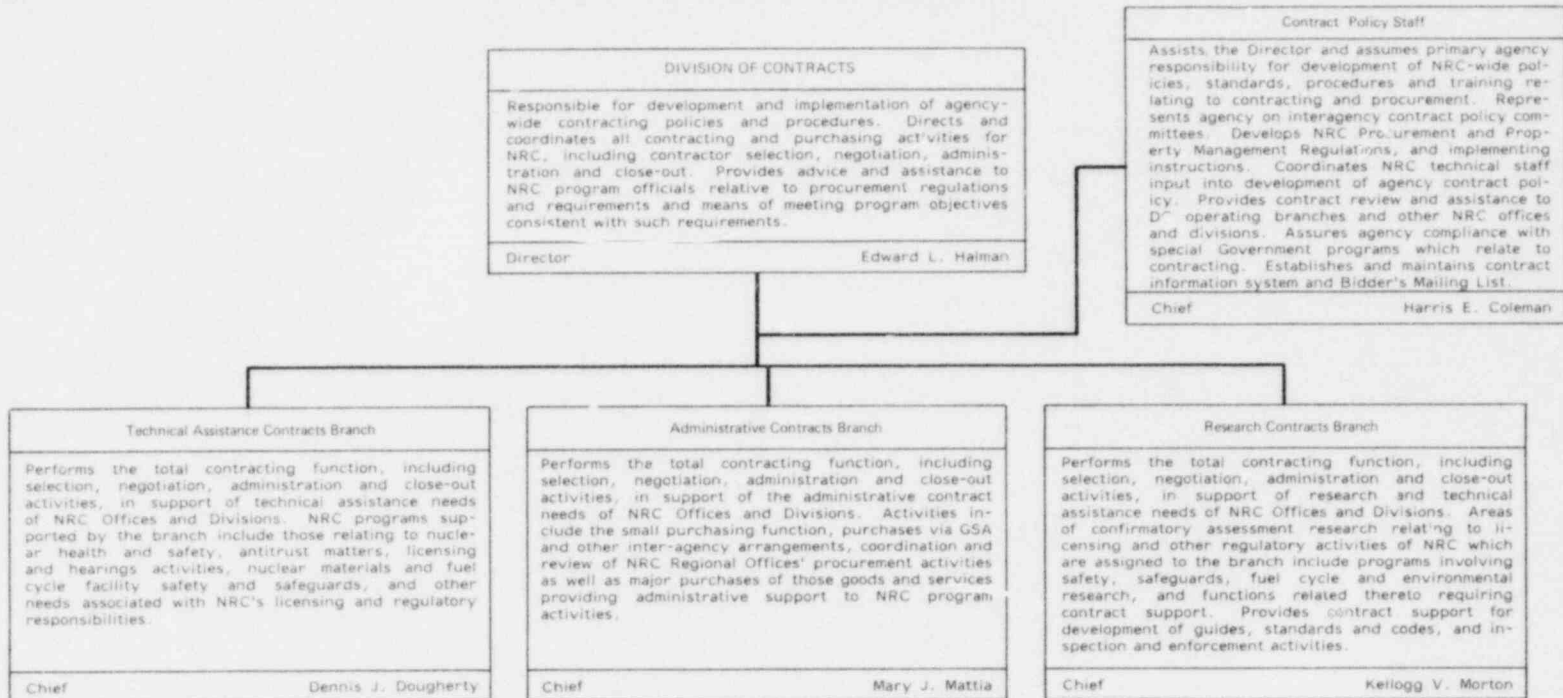
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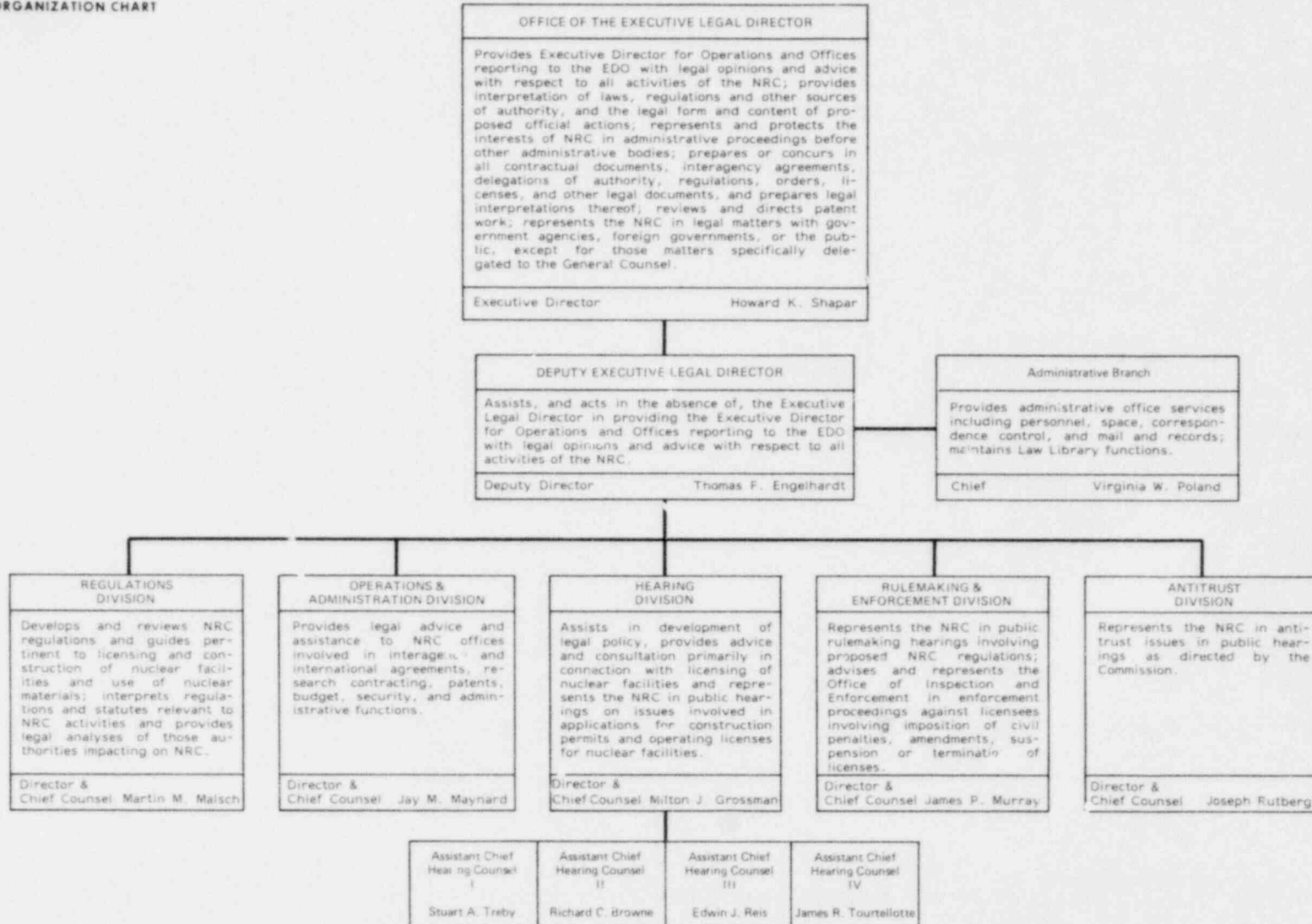
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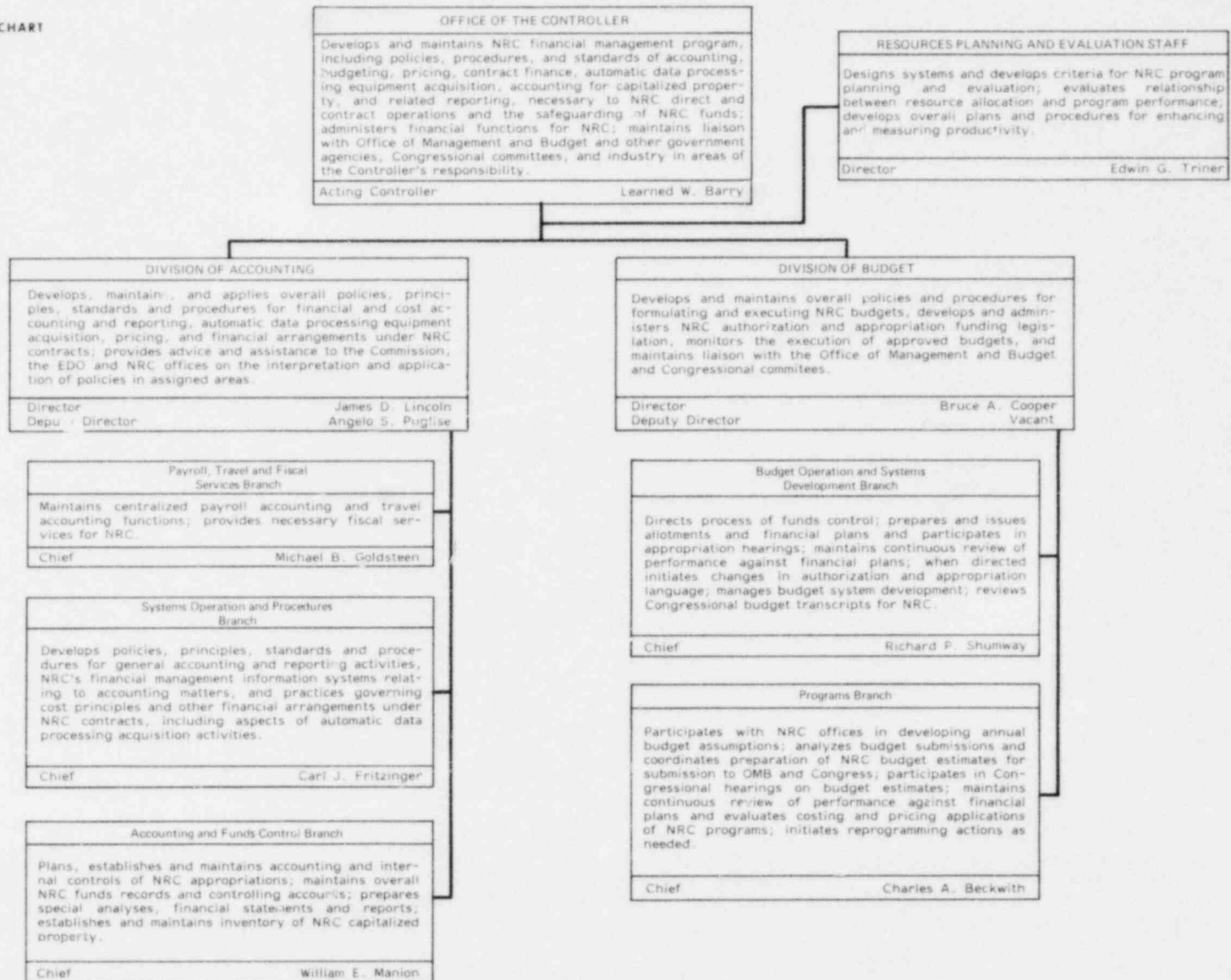
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OFFICE OF EQUAL EMPLOYMENT OPPORTUNITY	
Develops and recommends for approval by the Executive Director for Operations overall NRC policy providing for equal employment opportunity in all aspects of Federal personnel practice; recommends improvements 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
Deputy Director	Kenneth C. Jackson

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U.S. NUCLEAR REGULATORY COMMISSION

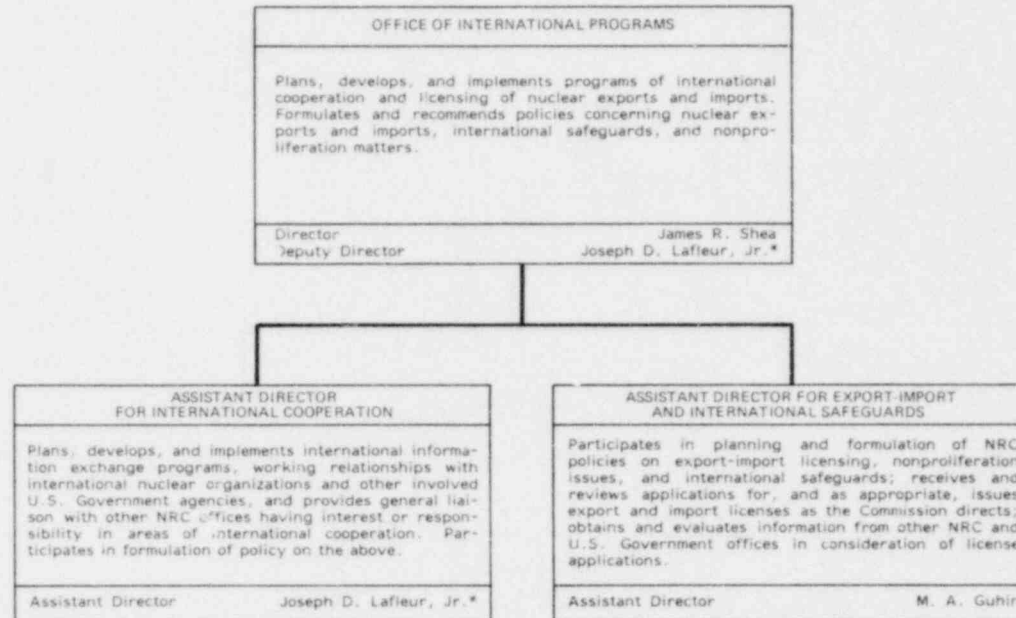
OFFICE OF PLANNING AND ANALYSIS

In areas of program assessment, policy analysis and development, and management effectiveness, conducts internal studies, evaluations and investigations; in these areas coordinates and reviews the activities of other program and staff offices reporting to or through the Executive Director for Operations; identifies strategies for accomplishing agency goals and objectives as set forth in the NRC program plan; acts for the Executive Director for Operations to assure consistent implementation of Commission policy on cost benefit analyses.

Director	Barrett J. Riordan
Deputy Director	Harold S. Bassett

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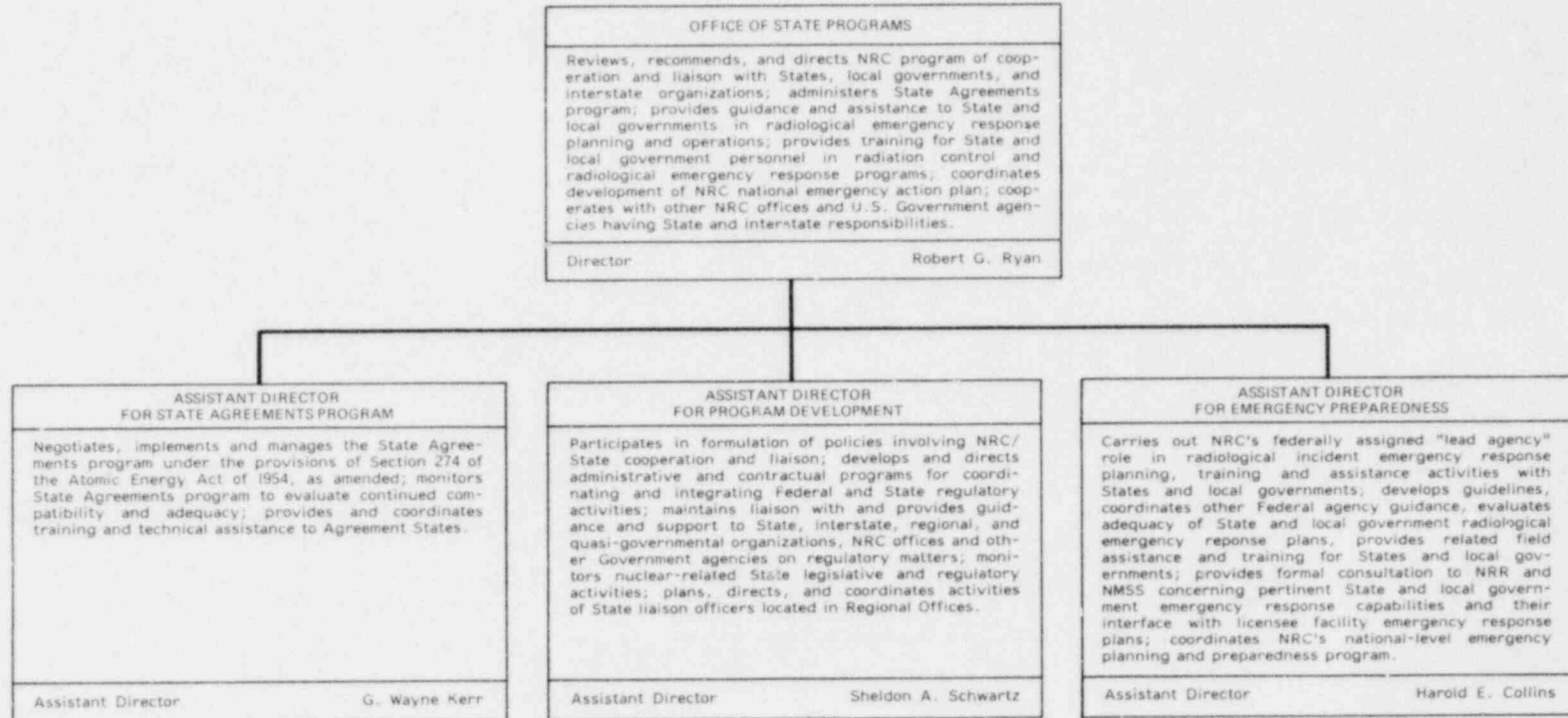
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*Serves in a dual capacity

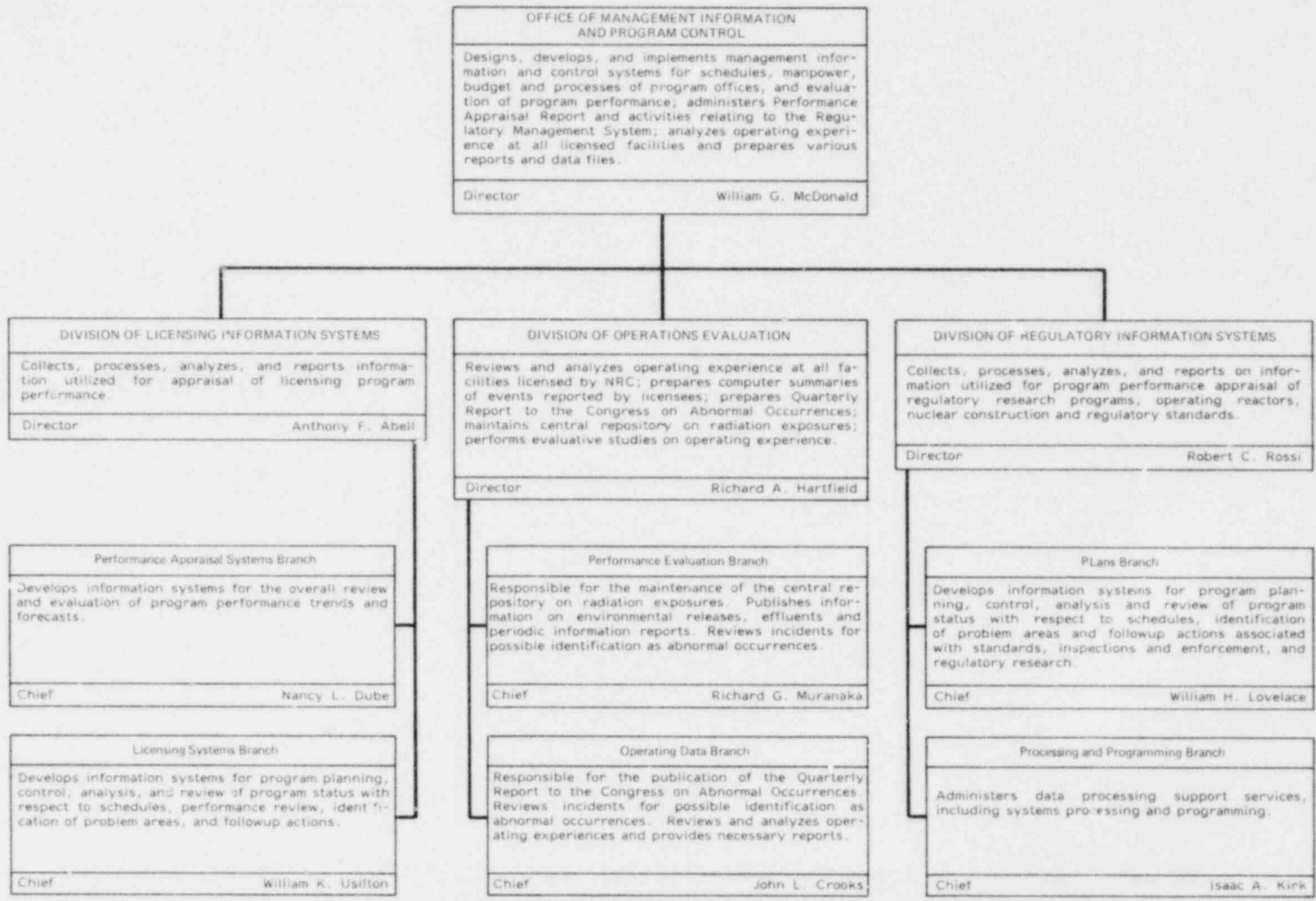
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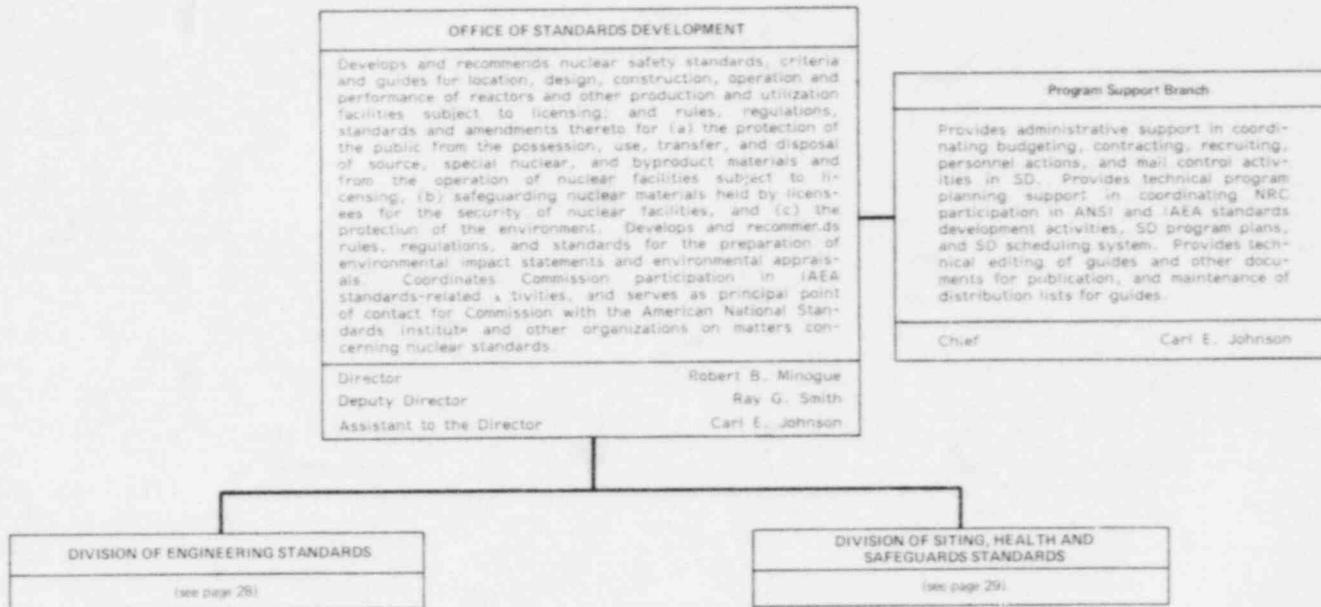
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U.S. NUCLEAR REGULATORY COMMISSION

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. Ariotto

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 radioactive 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

M. Kehnemuyi

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

Wilbur M. Morrison

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

Vincent W. Panciera

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

Robert M. Bernero

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

Robert F. Barker

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

U.S. NUCLEAR REGULATORY COMMISSION

ORGANIZATION CHART

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	Vacant

ASSISTANT DIRECTOR FOR SITE AND HEALTH STANDARDS	
Plans and directs program for development of standards concerned with protecting the public and the environment from radiological effects, including ionizing radiation, radioactive materials, and waste products, or other potential stresses associated with NRC licensed activities; and for establishing site suitability criteria and certification procedures for nuclear reactors and fuel cycle facilities relative to environmental and safety considerations. Provides advice and assistance on research and development programs and the resolution of generic issues involving specific site and health problems of nuclear facilities.	
Assistant Director	I. Craig Roberts

ASSISTANT DIRECTOR FOR SAFEGUARDS STANDARDS	
Plans and directs program for development of standards concerning special nuclear materials management, control, and protection, and with physical security of facilities and SNM in transport between facilities, and physical protection against acts of diversion, theft or sabotage. Coordinates implementation through standards of safeguards policies of Offices of Nuclear Material Safety and Safeguards and Nuclear Reactor Regulation. Provides advice and assistance on research and development programs and the resolution of generic issues involving safeguards problems associated with special nuclear materials.	
Assistant Director	Vacant

Site Safety Standards Branch	
Develops standards to specify reactor and fuel cycle facility 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.	
Chief	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	Edward E. Heid

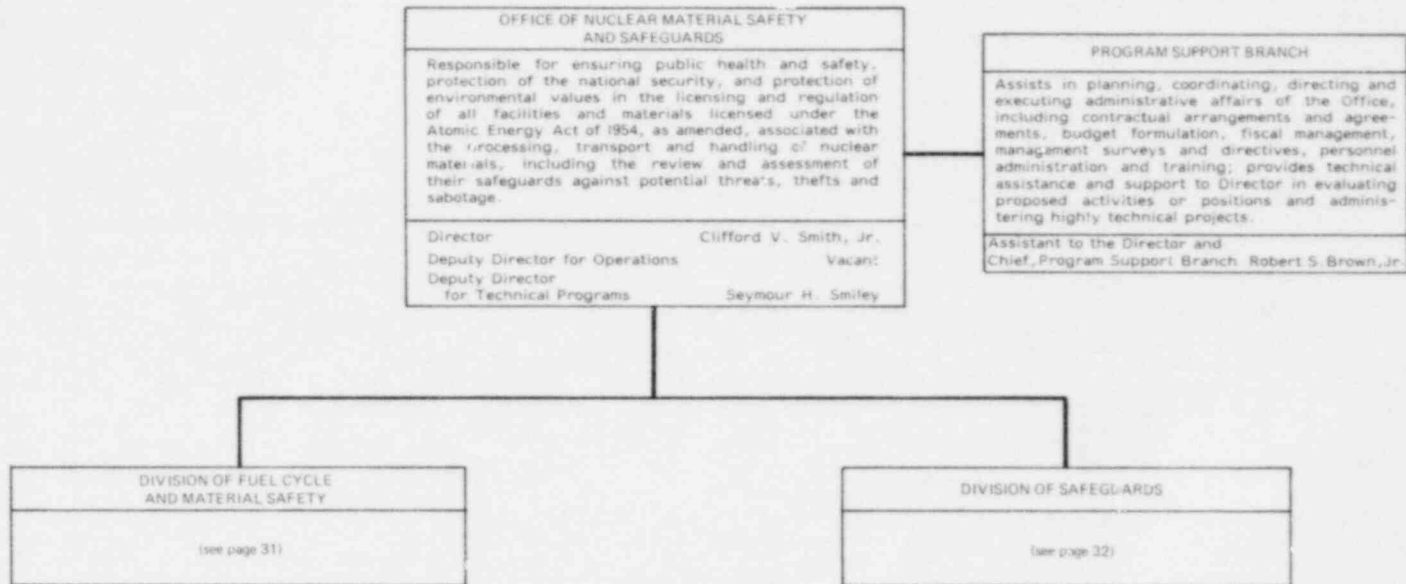
Materials Protection Standards Branch	
Develops standards for the prevention, detection and deterrence of theft or diversion of nuclear materials in nuclear facilities and the associated transportation links, and for the prevention of sabotage of nuclear facilities; recommends and develops standards on physical protection and material control measures in the design, construction and operation of nuclear facilities.	
Chief	Ralph J. Jones

Environmental Standards Branch	
Develops standards for protection of the public and the environment from radiological and nonradiological effects of nuclear facilities, normal operation, and accidents; serves as NRC staff contact with radiological protection scientific and advisory committees.	
Chief	Jacob Kastner

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

U.S. NUCLEAR REGULATORY COMMISSION

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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: Sheldon Meyers
 Deputy Director: Richard E. Cunningham

ASSISTANT DIRECTOR FOR FUEL CYCLE SAFETY AND LICENSING
 Establishes, administers and coordinates the total licensing process for fuel cycle facilities relating to safety and environmental assessment.

Assistant Director: John B. Martin

Fuel Processing and Fabrication Branch
 Conducts safety analyses, licensing and followup review of uranium mills, natural uranium conversion plants and production plants, enrichment plants, and uranium fuel fabrication plants.

Chief: Leland C. Rouse

Fuel Reprocessing and Recycle Branch
 Conducts safety analyses, licensing and followup review of independent irradiated fuel storage facilities, chemical reprocessing facilities, and plutonium fuel fabrication plants.

Chief: Vacant

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

Radioisotopes Licensing Branch
 Conducts safety analyses, licensing and followup review of use of byproduct source and special nuclear materials.

Chief: Bernard Singer

Transportation 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 states and IAEA.

Chief: Charles E. MacDonald

ASSISTANT DIRECTOR FOR WASTE MANAGEMENT
 Administers and coordinates licensing program for management of radioactive waste and development of comprehensive waste management policy.

Assistant Director: William P. Bishop

High Level and Transuranic Waste Branch
 Responsible for safety analysis, licensing and followup review of operations directly associated with disposal of high level and transuranic contaminated radioactive wastes.

Chief: James C. Malara

Low Level Waste Branch
 Responsible for safety analysis, licensing and followup review of operations directly associated with disposal of low level radioactive waste, decommissioning waste and mill tailings.

Chief: Michael Bell

ASSISTANT DIRECTOR FOR OPERATIONS AND TECHNOLOGY
 Directs and administers development programs related to upgrading safety and preservation of environmental values for fuel cycle facilities and materials.

Assistant Director: Homer Lowenberg

Operations and Planning Branch
 Assesses emerging technology related to safety and environmental protection for relevance in licensing process; identifies R&D needed to conduct safety and environmental analyses; coordinates and monitors R&D need to improve licensing function; identifies need for and validity and scope of current and proposed standards.

Chief: Robert D. Smith

Technology Assessment Branch
 Prepares appropriate environmental impact statements on broad programs related to fuel cycle and material licensing, and reviews draft statements prepared by other groups within NRC or other government agencies.

Chief: John K. Lerohl

U.S. NUCLEAR REGULATORY COMMISSION

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DIVISION OF SAFEGUARDS	
Develops, implements and evaluates overall nuclear safeguards program including monitoring, testing and recommending programs for the physical protection of nuclear facilities and for nuclear material accountability systems. Develops contingency plans for dealing with threats, thefts and sabotage relating to licensed nuclear material, high-level radioactive wastes and nuclear facilities.	
Director	Robert F. Burnett
Deputy Director	Ralph G. Page

ASSISTANT DIRECTOR FOR REQUIREMENTS AND TECHNOLOGY	
Conducts activities supporting improvement of nuclear materials safeguards and development of adequate regulatory processes. Provides cost-benefit assessment of alternative regulatory techniques and procedures. Proposes development and assures transfer of new and evolving techniques into safeguards programs.	
Assistant Director (Acting)	Eugene Perchonok

Technology Assessment Branch	
Performs assessments of safeguards developments to ensure effective transfer of technology to national and international programs. Formulates division research needs and monitors NRC research effort to ensure applicability and adequacy. Provides support to implement the US/IAEA safeguards agreement and strengthen international safeguards.	
Chief	Theodore Sherr

Requirements Analysis Branch	
Analyzes existing regulatory safeguards policy, and defines regulatory guidance and requirements which provide increased assurance against theft and sabotage of nuclear material. Develops physical security and material control and accounting recommendations, and assures timely introduction of advanced safeguards technology into the regulatory process.	
Chief	Llewellyn J. Evans, Jr.

ASSISTANT DIRECTOR FOR LICENSING	
Establishes, administers and coordinates licensing process and followup review relating to nuclear materials and facility safeguards, including processing, fabrication, transportation and disposal. Recommends methods, procedures and equipment for improved safeguards. Conducts technical review of safeguards aspects of all applications requesting export or import of source and special nuclear materials.	
Assistant Director (Acting)	James A. Powers

Physical Security Licensing Branch	
Directs physical security safeguards licensing reviews and followup review responsibilities for all license applications processed by NMSS. Effects conceptualization and identification of program improvements in assigned areas.	
Chief	George W. McCorkie

Material Control Licensing Branch	
Directs nuclear materials control and accountability safeguards licensing reviews and followup review responsibilities for all license applications processed by NMSS. Effects conceptualization and identification of program improvements in assigned areas.	
Chief	James G. Partlow

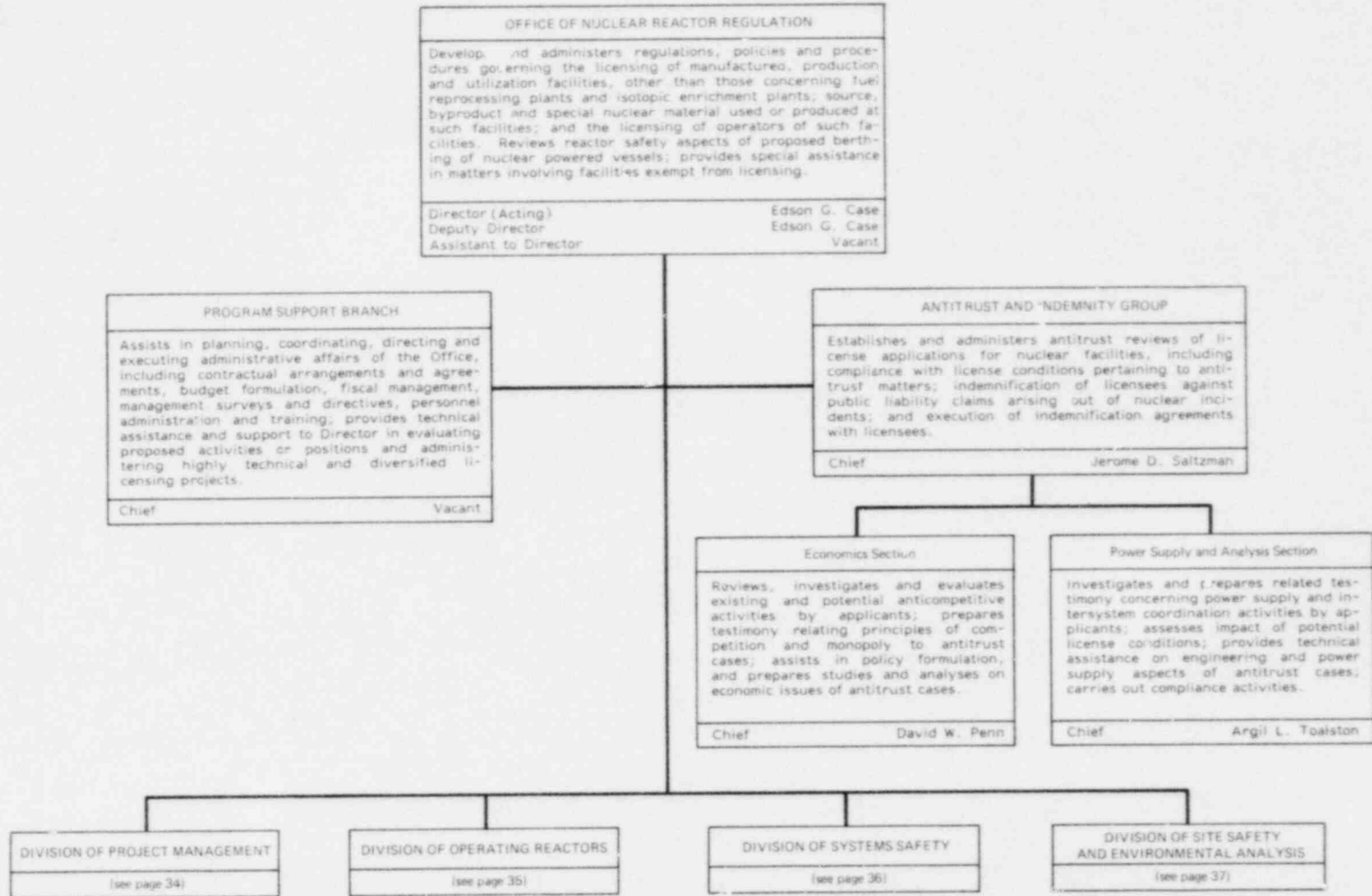
ASSISTANT DIRECTOR FOR OPERATIONS AND EVALUATION	
Conducts activities to assure effectiveness of current safeguards in licensed programs. Develops contingency plans to deal with threats, theft, and sabotage relating to special nuclear material, high-level radioactive wastes and nuclear facilities.	
Assistant Director	Thomas C. Thayer

Contingency Planning Branch	
Develops safeguards contingency plans for protection of licensed nuclear materials and facilities, excluding nuclear reactors. Develops and applies safeguards contingency planning methodology to incident response plans and operations, coordinating with the intelligence community to obtain pertinent domestic and foreign intelligence data.	
Chief	Thomas F. Carter

Test and Evaluation Branch	
Evaluates safeguards programs involving licensed nuclear materials at fixed sites and in transport. Develops, maintains, and analyzes information needed for a continuing systematic evaluation of safeguards, including effectiveness of physical security and material control and accounting programs.	
Chief	Manfred vonEhrenfried

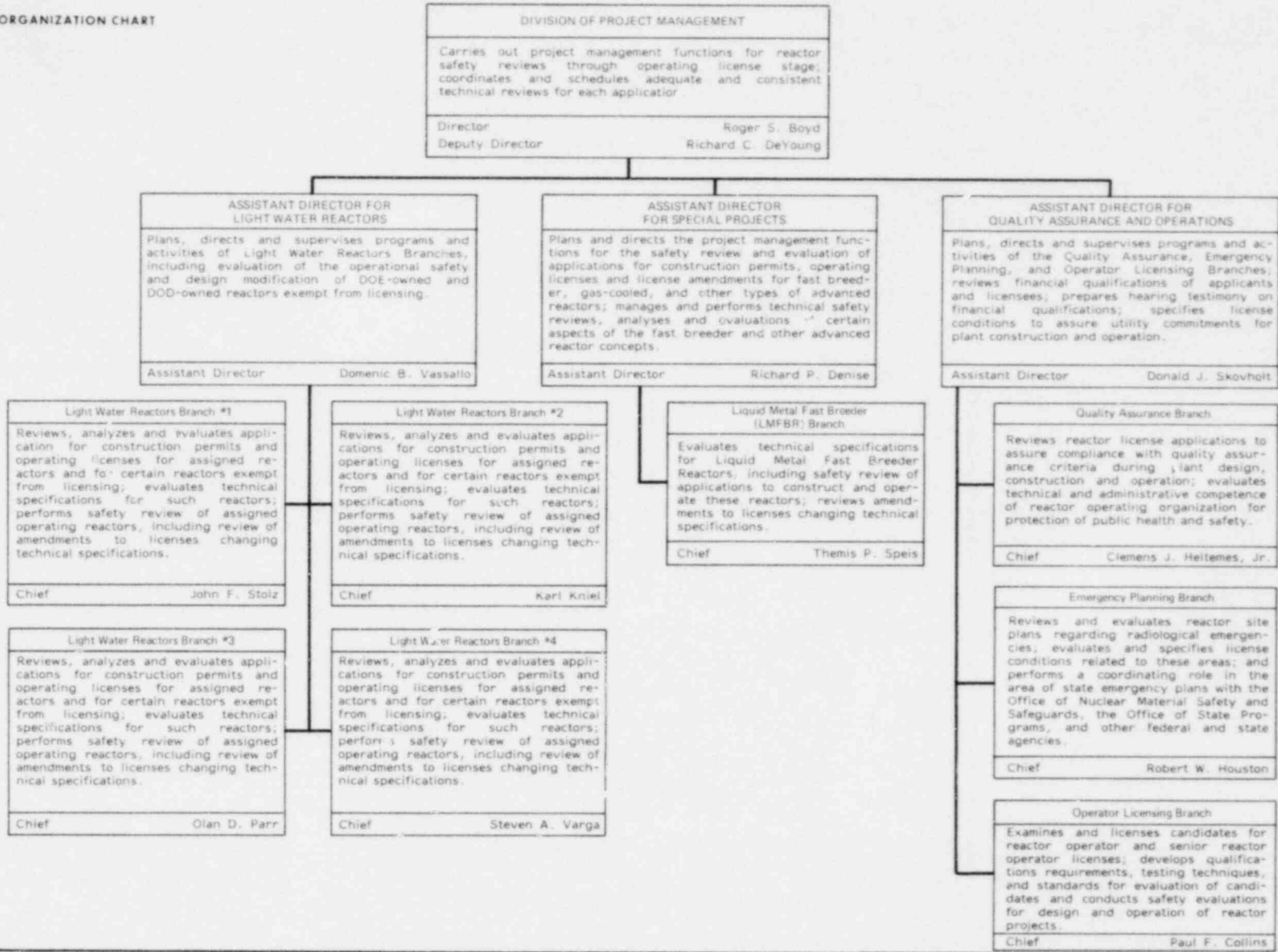
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DIVISION OF OPERATING REACTORS
 Reviews the design and operational changes in operating reactors; analyzes and responds to operating experiences as they develop; and assures that current experience is factored into new licensing actions.
 Director: Victor Stello
 Deputy Director: Joe W. Reece

ASSISTANT DIRECTOR FOR OPERATING REACTORS
 Plans, directs and supervises the programs and activities of the Operating Reactors Branches, including evaluation of operational safety and design modification of DOE-owned and DOD-owned reactors exempt from licensing.
 Assistant Director: Karl R. Goller

ASSISTANT DIRECTOR FOR OPERATIONAL TECHNOLOGY
 Plans, directs and supervises the programs and activities of the Engineering, Reactor Safety, Plant Systems, and Environmental Evaluation Branches.
 Assistant Director: Darrell G. Eisenhut

ASSISTANT DIRECTOR FOR REACTOR SAFEGUARDS
 Plans, directs and administers the NRR reactor safeguards program; and provides management direction and supervision to the Reactor Safeguards Licensing Branch and the Reactor Safeguards Development Branch.
 Assistant Director: James R. Miller

Operating Reactors Branch #1
 Reviews overall technical procedural aspects of licensed operating reactors, and proposed amendments to operating licenses; evaluates office activities pertaining to processing of applications for construction permits and operating licenses for research and test reactors and critical facilities.
 Chief: Albert Schwencer

Operating Reactors Branch #2
 Reviews overall technical procedural aspects of licensed operating reactors, and proposed amendments to operating licenses; evaluates office activities pertaining to processing of applications for construction permits and operating licenses for research and test reactors and critical facilities.
 Chief: Dennis L. Ziemann

Operating Reactors Branch #3
 Reviews overall technical procedural aspects of licensed operating reactors, and proposed amendments to operating licenses; evaluates office activities pertaining to processing of applications for construction permits and operating licenses for research and test reactors and critical facilities.
 Chief: George E. Lear

Operating Reactors Branch #4
 Reviews overall technical procedural aspects of licensed operating reactors, and proposed amendments to operating licenses; evaluates office activities pertaining to processing of applications for construction permits and operating licenses for research and test reactors and critical facilities.
 Chief: Robert W. Reid

Engineering Branch
 Reviews, evaluates and analyzes the engineering safety review of structural and mechanical components involving mechanical engineering, structural engineering, and materials engineering disciplines, for all reactor facilities licensed for operation, the evaluation of applications and issuance of construction permits and operating licenses for nonpower reactors, and of operational and design modifications of DOE and DOD-owned operating facilities exempt from licensing as requested.
 Chief: Lawrence C. Shao

Plant Systems Branch
 Reviews, evaluates, and coordinates the technical safety review of containment systems, control systems, power conversion systems, auxiliary systems, electrical systems, and all other safety related instrumentation for all reactor facilities licensed for operation, all applications to construct and operate nonpower reactors, including modifications to plant systems, and, as requested, of operational and design modifications of DOE and DOD-owned reactor facilities exempt from licensing.
 Chief: Walter R. Butler

Reactor Safety Branch
 Reviews, evaluates and analyzes the engineering safety aspects of the reactor core, reactor coolant systems, engineered safety features, accidents and transients, involving thermodynamic, fuels, nuclear physics, and system design disciplines, for all reactor facilities licensed for operation; applications and issuance of construction permits and operating licenses for nonpower reactors; operational and design modifications of DOE and DOD-owned operating facilities exempt from licensing as requested.
 Chief: Robert L. Baer

Environmental Evaluation Branch
 Reviews, evaluates and coordinates the environmental and safety review of radioactive waste treatment methods and effluents, radiological accident analyses, radiation protection, and overall environmental assessments for all reactor facilities licensed for operation; of all applications to construct and operate nonpower reactors; of operational and design modifications of DOE and DOD-owned reactor facilities exempt from licensing as requested.
 Chief: Brian K. Grimes

Reactor Safeguards Licensing Branch
 Reviews safeguard-related sections of PSAR's and FSAR's; reviews applicant's physical security plans and contingency plans; reviews amendments to these plans for operating reactors; participates in operating reactors review; and directs technical assistance programs.
 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 the licensing function; identifies and initially develops required standards, and prepares and maintains NRR/IE reactor safeguards response plans.
 Chief: Joel M. Elliott

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DIVISION OF SYSTEMS SAFETY	
Carries out detailed safety reviews of reactor applications through the operating license stage.	
Director	Roger J. Mattson
Deputy Director	Frank Schroeder

ASSISTANT DIRECTOR FOR ENGINEERING	
Plans, directs and supervises the programs and activities of the Mechanical Engineering, Materials Engineering and Structural Engineering Branches.	
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 missile design, 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	Isa S. Sitwell

ASSISTANT DIRECTOR FOR REACTOR SAFETY	
Plans, directs and supervises the programs and activities of the Reactor Systems, Core Performance, and Analysis Branches.	
Assistant Director	Denwood F. Ross

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	Thomas M. Novak

Core Performance Branch	
Reviews, develops and executes calculational methods in the physics, thermal and hydraulic, and reactor fuel aspects of nuclear reactor design.	
Chief	Paul S. Check

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, transient and accident conditions.	
Chief	Zoltan R. Rosztoczy

ASSISTANT DIRECTOR FOR PLANT SYSTEMS	
Plans and directs the programs and activities of the Auxiliary Systems, Containment Systems, Instrumentation and Control Systems, and Power Systems Branches.	
Assistant Director	Robert L. Tedesco

Auxiliary Systems Branch	
Reviews reactor license applications and related documents to evaluate the design, fabrication and operation of auxiliary systems and fire protection systems.	
Chief	Victor Benaroya

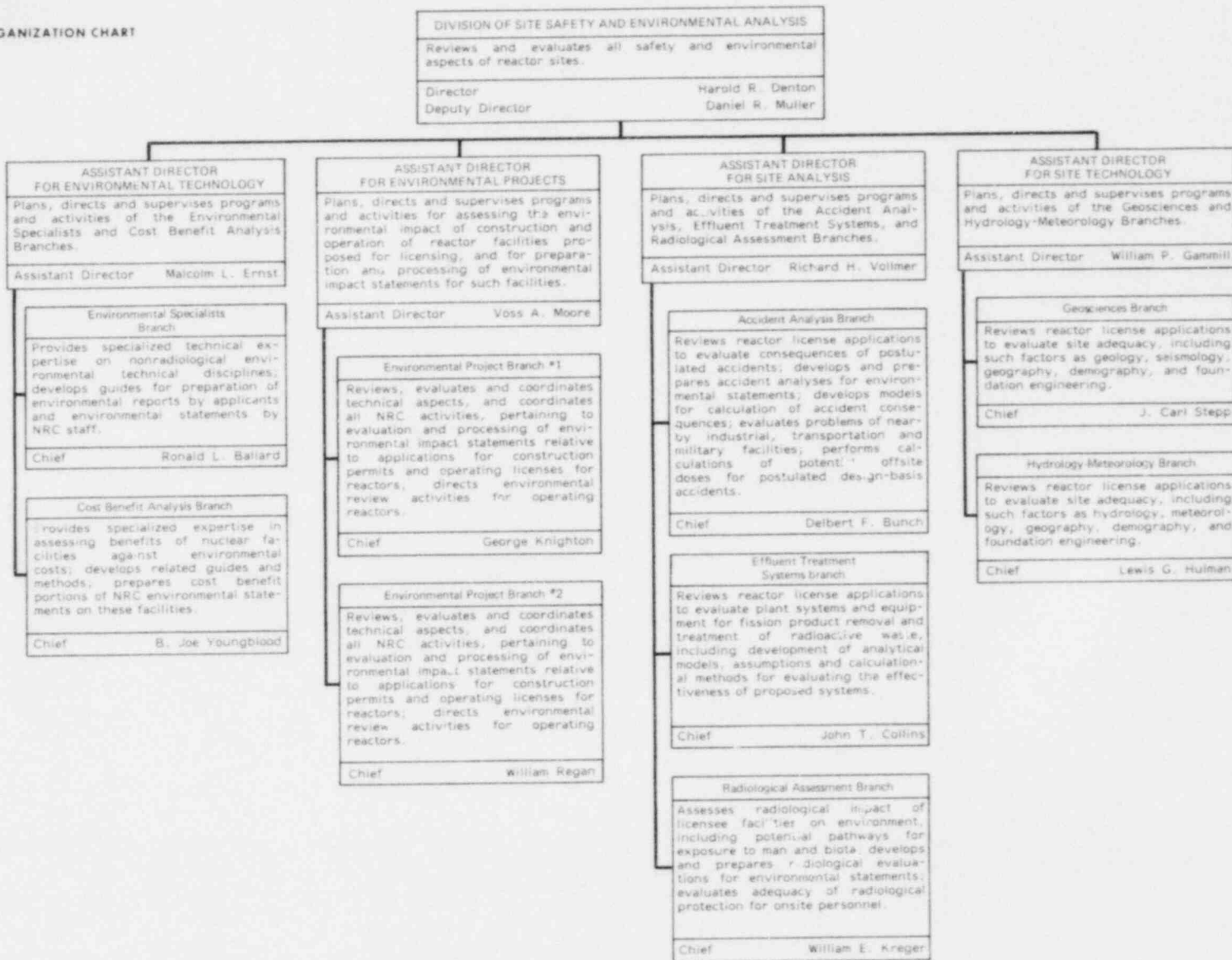
Containment Systems Branch	
Reviews reactor license applications and related documents to evaluate containment systems and associated sub-systems, including heat removal, heating and ventilation, isolation equipment and controls, and combustible gas control systems.	
Chief	Gus C. Lainas

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	Thomas A. Ippolito

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

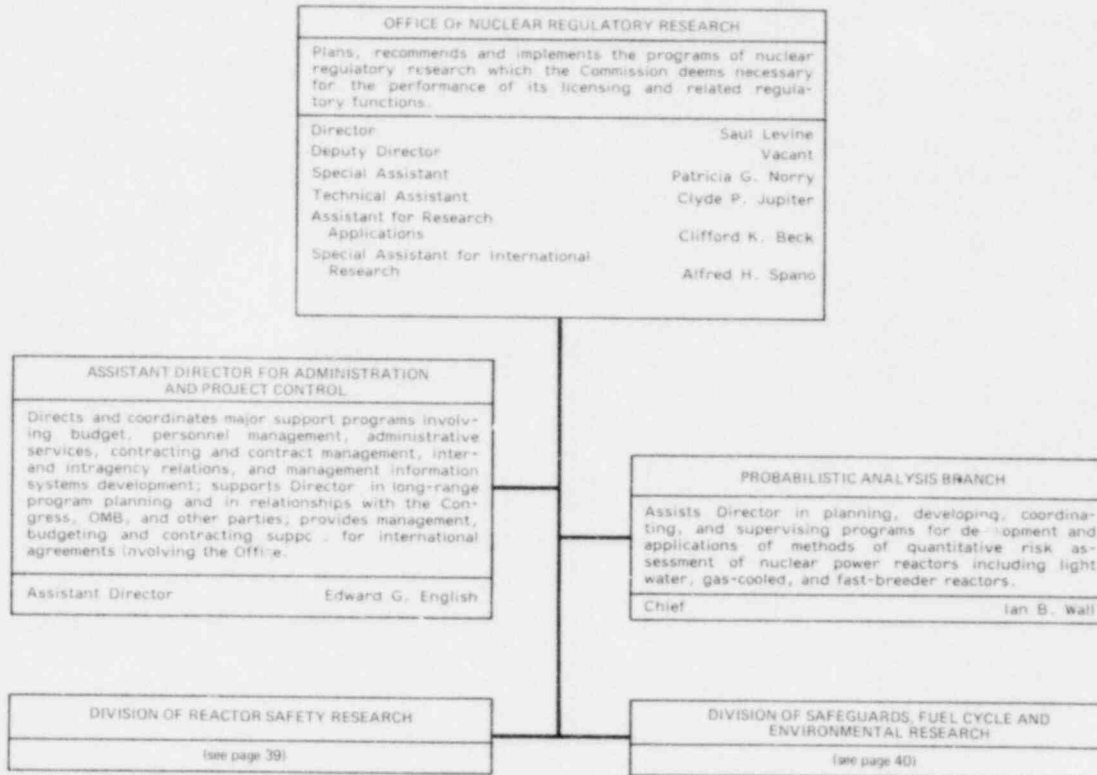
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DIVISION OF REACTOR SAFETY RESEARCH
Plans, develops, coordinates and supervises programs of reactor safety research, directing the execution of policies, procedures and program plans required to accomplish the functions of the Division.
Director: Thomas E. Murley
Deputy Director: Vacant

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

Systems Engineering Branch
Plans, recommends, and evaluates research programs and projects related to safety systems of light water reactors, including basic phenomenological research, effects testing, and total system simulation projects.
Chief: Ronald M. Scroggins

Metallurgy and Materials Branch
Plans, recommends and evaluates research programs in area of metallurgy and structural mechanics to assure integrity of the primary system.
Chief: Charles Z. Serpan

Research Applications Branch
Plans, recommends and evaluates research programs and projects related to application of codes, and assists in the transfer to and implementation of research results by other NRC offices.
Chief (Acting): Gary L. Bennett

Special Projects Branch
Formulates and implements project control mechanisms; coordinates division program planning; coordinates with DOE on projects being constructed by them for NRC use; assists in implementing international agreements and in performing other such support functions as may be necessary.
Chief: Ronald B. Foulds

RSR Field Office - Idaho
Oversees 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.
Manager: Peter O. Strom

Analysis Development Branch
Plans, recommends, and evaluates development of analytical methods and computer programs for water reactor safety analysis and research, and generic calculations using these methods and programs.
Chief: Stanislav Fabric

Fuel Behavior Research Branch
Plans, recommends and evaluates research programs concerning fuel assembly response rod behavior during normal, abnormal, and accident conditions, using appropriate nuclear and nonnuclear facilities.
Chief: William V. Johnston

Site Safety Research Branch
Plans, recommends and evaluates 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

ASSISTANT DIRECTOR FOR ADVANCED REACTOR SAFETY RESEARCH
Assists the Director in planning, directing and evaluating programs of safety research for advanced reactors, including theoretical and experimental programs of investigation of the behavior of fuel, coolant, components, and systems under conditions of a hypothetical accident to an advanced reactor.
Assistant Director: Charles N. Kelber

Experimental Fast Reactor Safety Research Branch
Provides scientific and engineering management direction to experimental fast reactor safety research programs from initial development to execution and summary.
Chief: Melvin Silberberg

Analytical Advanced Reactor Safety Research Branch
Provides scientific and engineering management direction to analytical advanced reactor safety research programs from initial development through execution and summary.
Chief: Robert T. Curtis

Experimental Gas-Cooled Reactor Safety Research Branch
Provides scientific and engineering management direction to gas-cooled reactor safety research programs from initial development through execution and summary.
Chief: Robert D. Schamberger

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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 (Acting)	Frank J. Arsenault
Deputy Director	Carl B. Hilland

ASSISTANT DIRECTOR FOR SAFEGUARDS RESEARCH	
Develops, coordinates and directs safeguards research programs necessary to improve NRC's capability for policy development and program direction; promulgates effective regulations and standards; provides for appropriate coordination of research activities among all NRC offices with safeguards responsibilities.	
Assistant Director	Frank J. Arsenault

Systems Analysis Branch	
Provides technical and administrative direction to analytical safeguards research projects and programs on threat analysis, safeguards system evaluation, and studies in support of NRC safeguards policy and program development.	
Chief	Vacant

Operational Support Branch	
Develops, coordinates and implements policies, programs and plans in support of operations research in safeguards, including review and approval of data requirements and associated data acquisition programs, review and approval of computer program development, and assurance that operational tasks and research tools are suitably assigned.	
Chief	H. Michael Hawkins

Technical Support Branch	
Provides technical and administrative direction to safeguards research projects and programs designed as the basis for regulations and guides to implement physical protection and internal controls and accounting and reduce the consequences of adversary actions; reviews and evaluates proposals and recommendations on implementation of assignments.	
Chief	William M. Murphey

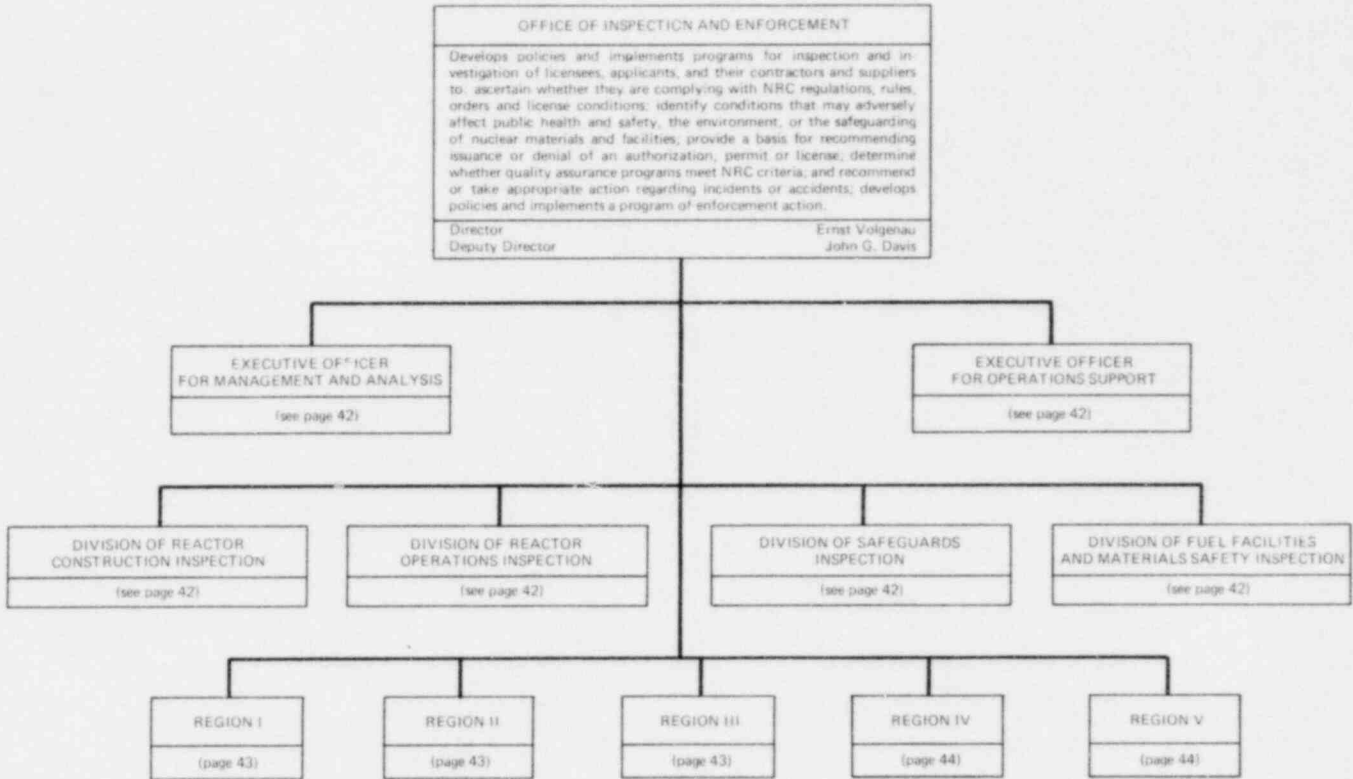
ASSISTANT DIRECTOR FOR FUEL CYCLE AND ENVIRONMENTAL RESEARCH	
Develops and recommends research programs to assess the impact on the environment of facilities and operations regulated by NRC; reviews proposed regulations, guides and standards to assure their support by research understandings; assesses research performed by other agencies, vendors and other parties; performs research requested by NRC offices.	
Assistant Director	Jared J. Davis

Fuel Cycle Research Branch	
Plans, recommends and evaluates research programs on accidents prevention and analysis in fuel cycle facilities apart from reactor transportation systems and waste disposal; provides program management and direction.	
Chief	Charles B. Bartlett

Health and Environmental Research Branch	
Plans, recommends and evaluates research programs on effects of routine operation of reactors, fuel cycle facilities, waste disposal, and transportation systems on the environment; plans, evaluates, recommends and provides liaison and broad technical direction for foreign cooperative programs; cooperates with other agencies in areas of mutual research.	
Chief	Frank Swanberg, Jr.

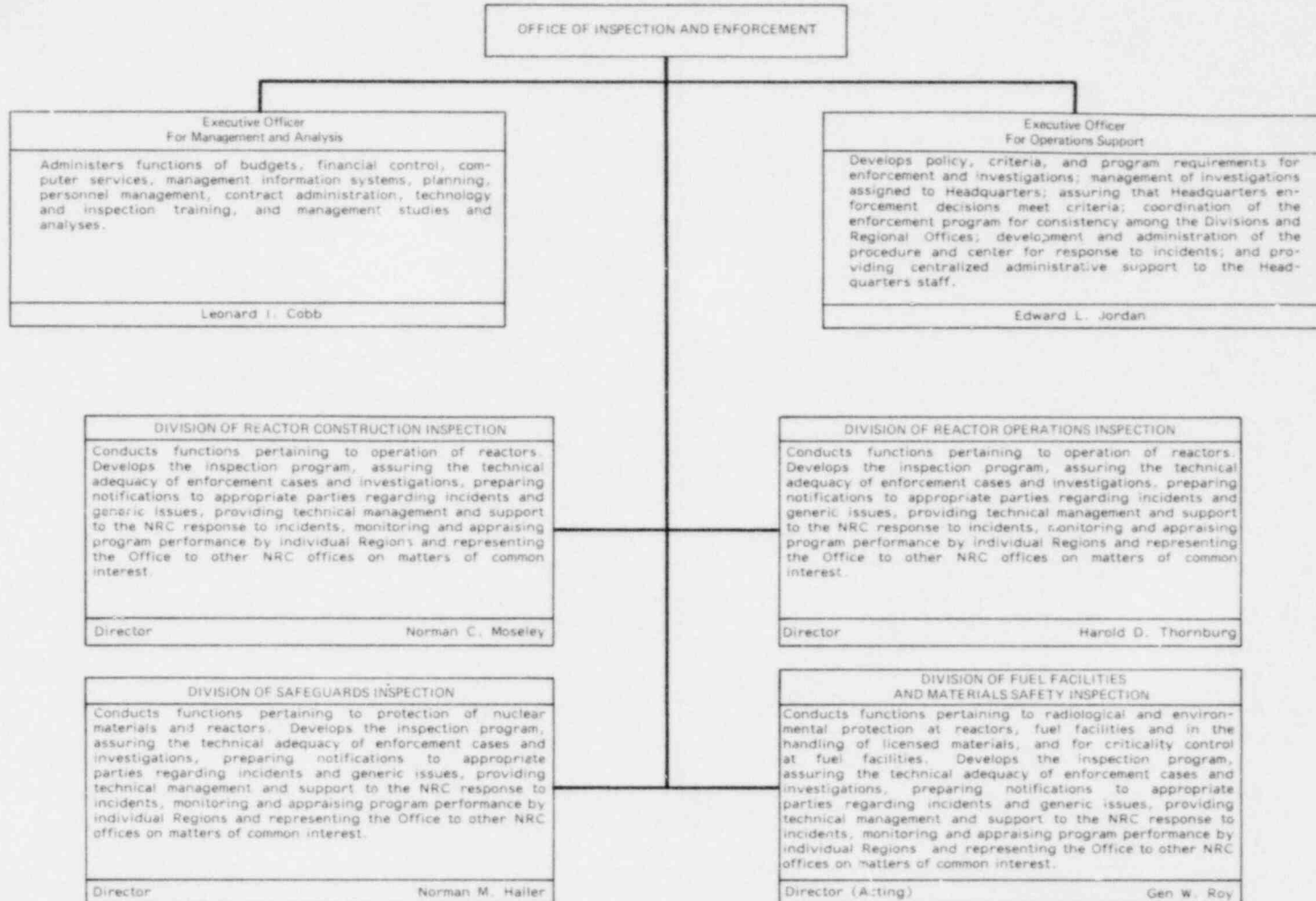
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REGION I	
Office of the Director-directs all Region activities including inspections, investigations, and enforcement actions.	
Director	Boyce H. Grier
Reactor Operations and Nuclear Support Branch-inspections and investigations of reactors and critical assembling in testing or startup status and with operating licenses.	
Chief	Eldon J. Brunner
Reactor Construction and Engineering Support Branch-inspections and investigations of reactors under construction; technical support on operating reactors.	
Chief	Robert T. Carlson
Fuel Facility and Materials Safety Branch-inspections of radiological and environmental protection programs of licensees and fuel facility construction and operation.	
Chief	Paul R. Nelson
Safeguards Branch-inspections and investigations of licensee protection of facilities and materials.	
Chief	Walter G. Martin

REGION II	
Office of the Director-directs all Region activities including inspections, investigations, and enforcement actions.	
Director	James P. O'Reilly
Reactor Operations and Nuclear Support Branch-inspections and investigations of reactors and critical assembling in testing or startup status and with operating licenses.	
Chief	Francis J. Long
Reactor Construction and Engineering Support Branch-inspections and investigations of reactors under construction; technical support on operating reactors.	
Chief	Charles E. Murphy
Fuel Facility and Materials Safety Branch-inspections of radiological and environmental protection programs of licensees and fuel facility construction and operation.	
Chief	Jack T. Sutherland
Safeguards Branch-inspections and investigations of licensee protection of facilities and materials.	
Chief	William B. Kenna

REGION III	
Office of the Director-directs all Region activities including inspections, investigations, and enforcement actions.	
Director	James G. Keppler
Reactor Operations and Nuclear Support Branch-inspections and investigations of reactors and critical assembling in testing or startup status and with operating licenses.	
Chief	Gaston Fiorelli
Reactor Construction and Engineering Support Branch-inspections and investigations of reactors under construction; technical support on operating reactors.	
Chief	Robert F. Hershman
Fuel Facility and Materials Safety Branch-inspections of radiological and environmental protection programs of licensees and fuel facility construction and operation.	
Chief	James M. Allan
Safeguards Branch-inspections and investigations of licensee protection of facilities and materials.	
Chief	John A. Hind

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REGION IV	
Office of the Director-directs all Region activities including inspections, investigations, and enforcement actions.	
Director	Elbert M. Howard
Reactor Operations and Nuclear Support Branch-inspections and investigations of reactors and critical assembling in testing or startup status and with operating licenses.	
Chief	Glen L. Madsen
Reactor Construction and Engineering Support Branch-inspections and investigations of reactors under construction; technical support on operating reactors.	
Chief	William C. Seidle
Fuel Facility and Materials Safety Branch-inspections of radiological and environmental protection programs of licensees and fuel facility construction and operation.	
Chief	Glen D. Brown
Vendor Inspection Branch-inspection and investigation of enrichment facilities, nuclear steam suppliers, architect-engineers, and component vendors.	
Chief	Joseph M. Tillou

REGION V	
Office of the Director-directs all Region activities including inspections, investigations, and enforcement actions.	
Director	Robert H. Engelken
Reactor Operations and Nuclear Support Branch-inspections and investigations of reactors and critical assembling in testing or startup status and with operating licenses.	
Chief	J. L. Crews
Reactor Construction and Engineering Support Branch-inspections and investigations of reactors under construction; technical support on operating reactors.	
Chief	George S. Spencer
Fuel Facility and Materials Safety Branch-inspections of radiological and environmental protection programs of licensees and fuel facility construction and operation.	
Chief	Herbert E. Book
Safeguards Branch-inspections and investigations of licensee protection of facilities and materials.	
Chief	Vacant