U. S. NUCLEAR REGULATORY COMMISSION FUNCTIONAL ORGANIZATION CHARTS

August 1977

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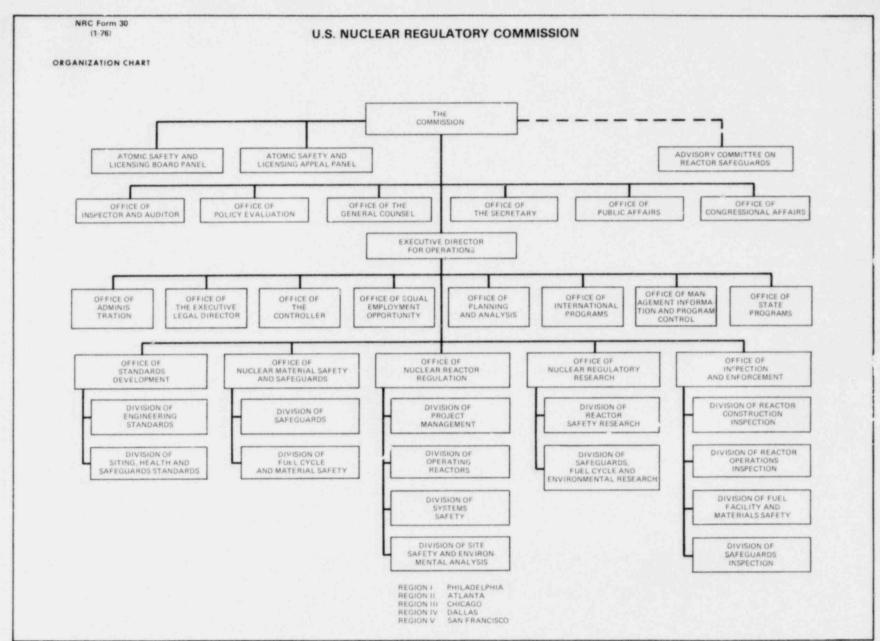


Office of Administration

U. S. Nuclear Regulatory Commission

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NRC Form 30 (1-76)

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 "tomic Safety and Licensing Appeal Boards for perticular proceedings. Appeal boards exercise the authority and perform the review functions which would otherwise be exercised and performed by the Commission in (17 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

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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 gene-ic issues or other matters specifically referred to it by the Commission for advice.

Chairman Myer dender
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

ORGANIZATION CHART

SPECIAL ASSISTANT - CRIMINAL MATTERS

Advises and consults with the Director and the audit and investigative staff on criminal matters; advises, assists and maintains close flaison 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 aud 1 program, and administers Commission's day-to-day audit activities; serves as point of contact with the GAO in matters affecting NRC's financial and management au."t function; makes such reports to the Commission as necessary to keep the Commission fully informed on its financial management re ponsibilities, 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 Deputy Director Thomas J. McTiernan O. 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 Hea quarters 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.

Chier

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 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.

Harry Boulden

Licensing and Standards Audits

Granch

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.

Fred Herr

U.S. NUCLEAR REGULATORY COMMISSION 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 Kenneth S. Pedersen Assistant Director Assistant Director Assistant Director for Special Projects for Technical Review for Policy Review Provides independent technical review of policy papers initiates and conducts studies of special interest Brings significant policy issues to the attention coming to the Commission to assure completeness and to the Commission; manages studies and projects of the Commission in a timely manner; reviews issue accuracy; provides technical direction and input to involving NRC personnel where subject matter of papers and policy recommendations to determine studies conducted by the Office of Policy Evaluation, activity cuts across normal organizational interests; and technical advice and guidance upon request to projects conducted by other NRC offices or outside their compatibility with Commission decisions and participates in studies conducted and managed by policy assumptions; undertakes planning activities other NRC offices or outside agencies where direct to assist the Commission in dealing with forthcoming agencies; provides technical analyses of NRC policies, representation from Commission level is deemed programs and activities using economic, statistical issues. useful. and operations research techniques. Norman Terrell Assistant Director Albert P. Kenneke Assistant Director Vacant Assistant Director

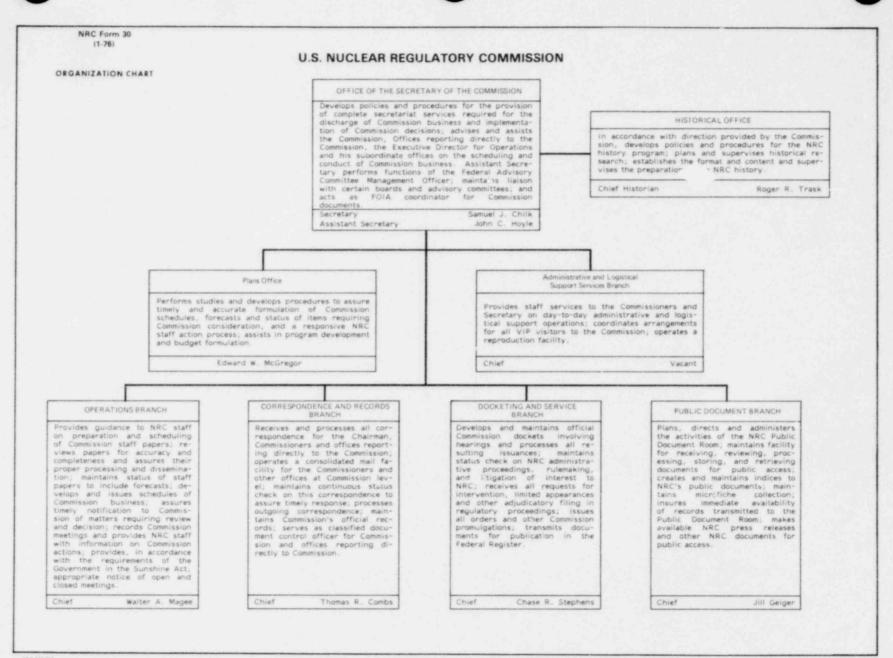
U.S. NUCLEAR REGULATORY COMMISSION

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



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 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 affices.

Director (Acting)

Joseph J. Fouchard

ORGANIZATION CHART

U.S. NUT AR REGULATORY COMMISSION

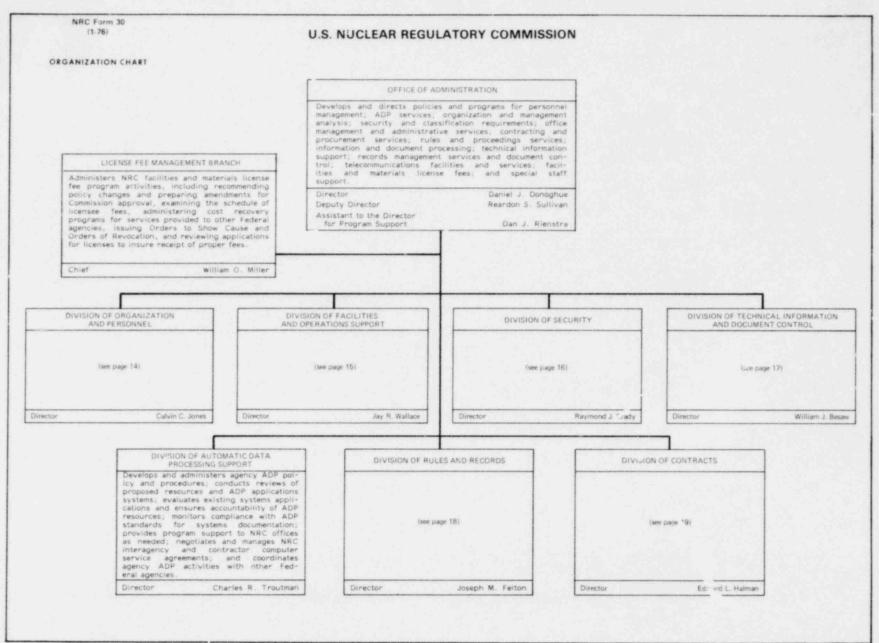
OFFICE OF CONGRESSIONAL AFFAIRS

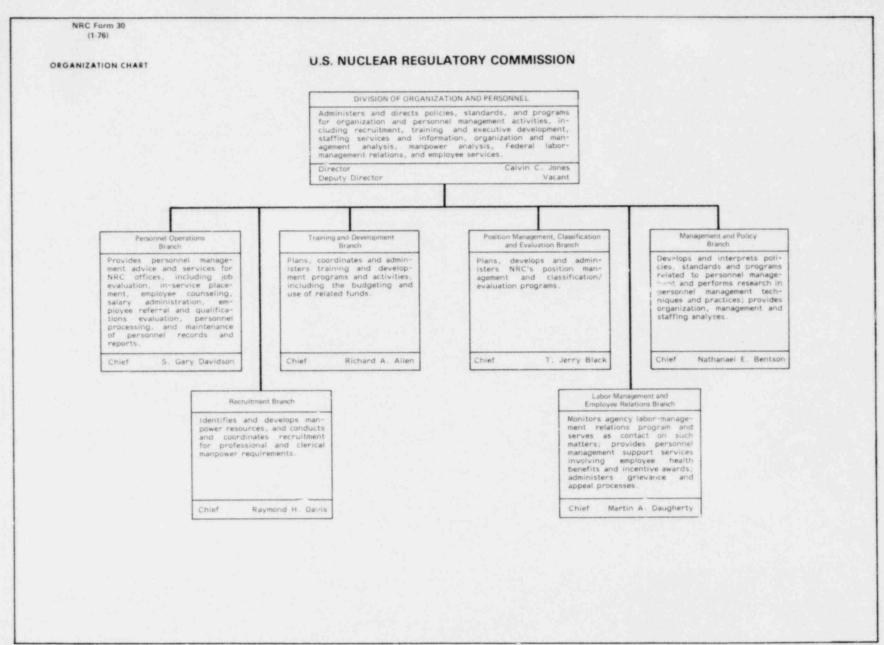
Provides advice and assistance to the Commission and NRC staff on all NRC relations with Congress and views of Congress toward NRC policies, plans and activities; maintains liaison with Congressional Committees and members of Congress on matters of interest to NRC; serves as primary contact point for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

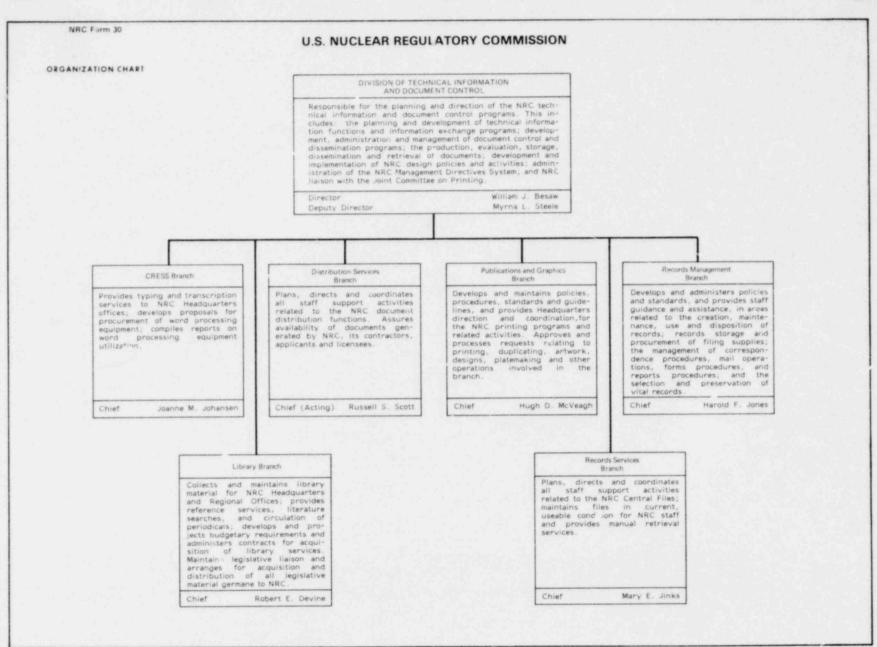
Carlt h C. Kammerer

NRC Form 30 (1-76) U.S. NUCLEAR REGULATORY COMMISSION ORGANIZATION CHART 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 Assistant Executive Director William J. Dircks for Operations Stephen H. Hanauer Technical Advisor Assistant to the EDO Thomas Rehm Administrative and Correspondence Special Projects Branch Branch Answers certain Congressional correspondence; prepares, coordinates and edits speeches, Congression-Provides administrative support for the Executive at testimony, Commission answers to Congressional Director for Operations and maintains control of questions, the annual report to Congress, and other principal correspondence for offices reporting to recurring or special reports on overall NRC policy; the EDO. carries out special informational projects; and maintains graphic and written materials describing major NRC programs. Chief C. Margo Bridgers Chief William G. Dooly Applied Statistics Branch Develops, applies, and advises on statistical methods and theory pertaining to NRC technical and administrative programs; evaluates, advises on, and assists with data collection, analysis, presentation, and interpretation. Chief Roger Moore PAGE 12

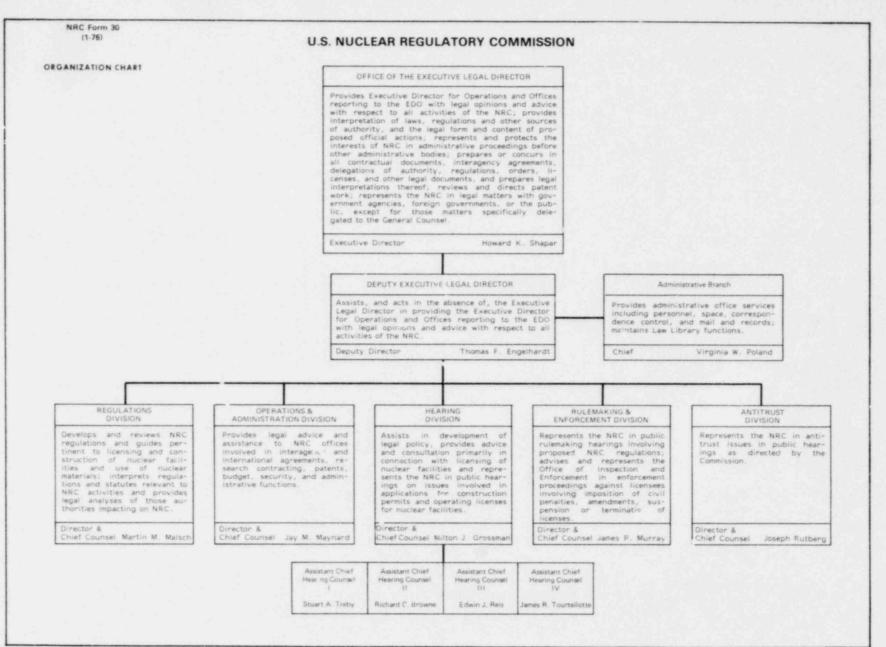




NRC Form 30 (1.76) U.S. NUCLEAR REGULATORY COMMISSION ORGANIZATION CHART DIVISION OF FACILITIES & OPERATIONS Responsible for the planning and direction of facilities and administrative services support programs. Director Jay R. Wallace George M. Fetrow Deputy Director Mail and Messenger Telecommunications **Building and Operations** Travel Services Branch Branch Branch Develops and administers policies, Provides direct support in issu-Coordinates and provides support Establishes policies, standards and procedures on an NRC-wide basis for ing and processing travel authoservices to NRC Headquarters in standards and procedures governing rization requests; securing travel reservations for foreign areas of mail receipt, process-NRC conduct of telecommunication personal property management, emactivities, and provides and oping, delivery and dispatch, and ployee occupational safety, and outside Mail-Messenger Service. and domestic travelers; securing erates communication systems in motor vehicle operation; administers passports for foreign travelers; support of Headquarters operations; NRC policies, standards and proceissuing airline tickets and maintains reviews of Regional Office dures for management of facilities, travel advances. telecommunications; assures imple-mentation of Federal standards and including space and buildings, supply and warehouse operations, and requirements for telecommunications transportation services; maintains services within NRC, including liaison with GSA and state and telephone, radio, teletype, faccounty government organizations. simile, data and video communicating systems. Chief James B. Frye Chief Millie Lamastra Chief Harold G. Hubbell Chief Jordan B. Brilliant Property and Supply Branch Directs and performs activities related to management of personal property, general supplies inventory, warehousing and moving services. Chief Grover Estep



NRC Form 30 (1-76) ORGANIZATION CHART U.S. NUCLEAR REGULATORY COMMISSSION Contract Policy Staff Assists, the Director and assumes primary agency DIVISION OF CONTRACTS responsibility for development of NRC-wide palicies, standards, procedures and training relating to contracting and procurement. Repre-Responsible for development and implementation of agencysents agency on interagency contract policy comwide contracting policies and procedures. Directs and mittees. Develops NRC Procurement and Propcoordinates all contracting and purchasing activities for erty Management Regulations, and implementing NRC, including contractor selection, negotiation, adminisinstructions. Coordinates NRC technical staff tration and close-out. Provides advice and assistance to input into development of agency contract pol-NRC program officials relative to procurement regulations icy. Provides contract review and assistance to and requirements and means of meeting program objectives D⁻ operating branches and other NRC offices consistent with such requirements. and divisions. Assures agency compliance with special Government programs which relate to Edward L. Halman Director contracting. Establishes and maintains contract information system and Bidder's Mailing List. Harris E. Coleman Research Contracts Branch Administrative Contracts Branch Technical Assistance Contracts Branch Performs the total contracting function, including Performs the total contracting function, including Performs the total contracting function, including selection, negotiation, administration and close-out activities, in support of research and technical selection, negotiation, administration and close-out selection, negotiation, administration and close-out activities, in support of the administrative contract activities, in support of technical assistance needs needs of NRC Offices and Divisions. Activities inassistance needs of NRC Offices and Divisions. Areas of NRC Offices and Divisions. NRC programs supclude the small purchasing function, purchases via GSA of confirmatory assessment research relating to liported by the branch include those relating to nuclecensing and other regulatory activities of NRC which and other inter-agency arrangements, coordination and ar health and safety, antitrust matters, licensing review of NRC Regional Offices' procurement activities are assigned to the branch include programs involving and hearings activities, nuclear materials and fuel as well as major purchases of those goods and services safety, safeguards, fuel cycle and environmental cycle facility safety and safeguards, and other providing administrative support to NRC program research, and functions related thereto requiring needs associated with NRC's licensing and regulatory contract support. Provides contract support for activities responsibilities development of guides, standards and codes, and inspection and enforcement activities. Chief Kellogg V. Morton Mary J. Mattia Chief Dennis J. Dougherty Chief



NRC Form 30 (1-76) U.S. NUCLEAR REGULATORY COMMISSION OFFICE OF THE CONTROLLER ORGANIZATION CHART Develops and maintains NRC financial management program, RESOURCES PLANNING AND EVALUATION STAFF including policies, procedures, and standards of accounting budgeting, pricing, contract finance, automatic data process-Designs systems and develops criteria for NRC program ing equipment acquisition, accounting for capitalized properplanning and evaluation; evaluates relationship ty, and related reporting, necessary to NRC direct and between resource allocation and program performance; contract operations and the safeguarding of NRC funds; develops overall plans and procedures for enhancing administers Tinancial functions for NRC; maintains liaison and measuring productivity. with Office of Management and Budget and other government agencies, Congressional committees, and industry in areas of Director Edwin G. Triner the Controller's responsibility. Acting Controller Learned W. Barry DIVISION OF ACCOUNTING DIVISION OF BUDGET Develops, maintain, and applies overall policies, princi-Develops and maintains overall policies and procedures for formulating and executing NRC budgets, develops and adminples, standards and procedures for financial and cost accounting and reporting, automatic data processing equipment isters NRC authorization and appropriation funding legisacquisition, pricing, and financial arrangements under NRC lation, monitors the execution of approved budgets, and contracts; provides advice and assistance to the Commission, maintains liaison with the Office of Management and Budget the EDO and NRC offices on the interpretation and applicaand Congressional committees. tion of policies in assigned areas. James D. Lincoln Director Bruce A. Cooper Director Deputy Director Vacant Depu Director Angelo 5. Puglise Payroll, Travel and Fiscal **Budget Operation and Systems** Services Branch Development Branch Maintains centralized payroll accounting and travel accounting functions; provides necessary fiscal ser-Directs process of funds control; prepares and issues vices for NRC allotments and financial plans and participates in appropriation hearings; maintains continuous review of Chief Michael B. Goldsteen performance against financial plans; when directed initiates changes in authorization and appropriation language; manages budget system development; reviews Systems Operation and Procedures Congressional budget transcripts for NRC Branch Richard P. Shumway Chief 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 Programs Branch cost principles and other financial arrangements under NRC contracts, including aspects of automatic data Participates with NRC offices in developing annual processing acquisition activities. budget assumptions; analyzes budget submissions and coordinates preparation of NRC budget estimates for Chief Carl J. Fritzinger 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 Accounting and Funds Control Branch needed Plans, establishes and maintains accounting and internal controls of NRC appropriations; maintains overall Chief Charles A. Beckwith NRC funds records and controlling accounts; prepares special analyses, financial statements and reports; establishes and maintains inventory of NRC capitalized property. Chief William E. Manion

ORGANIZATION CHART

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 Deputy Director Edward E. Tucker Kenneth C. Jackson NRC Form 30 (1-76)

ORGANIZATION CHART

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 are 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

ORGANIZATION CHART

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. Laffeur, 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. Lafleur, 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

M. A. Guhin.

*Serves in a dual capacity

NRC Form 30 (1-76) U.S. NUCLEAR REGULATORY COMMISSION 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 action plan; cooperates with other NRC offices and U.S. Government agenclas having State and interstate responsibilities. Robert G. Ryan. Director ASSISTANT DIRECTOR ASSISTANT DIRECTOR ASSISTANT DIRECTOR FOR EMERGENCY PREPAREDNESS FOR PROGRAM DEVELOPMENT FOR STATE AGREEMENTS PROGRAM Carries out NRC's federally assigned "lead agency" Participates in formulation of policies involving NRC/ Negotiates, implements and manages the State Agreerole in radiological incident emergency response State cooperation and flaison; develops and directs ments program under the provisions of Section 274 of planning, training and assistance activities with administrative and contractual programs for coordithe Atomic Energy Act of 1954, as amended; monitors States and local governments; develops guidelines, coordinates other Federal agency guidance, evaluates nating and integrating Federal and State regulatory State Agreements program to evaluate continued compatibility and adequacy; provides and coordinates activities; maintains liaison with and provides guidadequacy of State and local government radiological ance and support to State, interstate, regional, and training and technical assistance to Agreement States. emergency reponse plans, provides related field assistance and training for States and local govquasi-governmental organizations, NRC offices and other Government agencies on regulatory matters; moniernments; provides formal consultation to NRR and tors nuclear-related State legislative and regulatory NMSS concerning pertinent State and local governactivities; plans, directs, and coordinates activities of State liaison officers located in Regional Offices. ment emergency response capabilities and their interface with licensee facility emergency response plans; coordinates NRC's national-level emergency planning and preparedness program. Sheldon A. Schwartz Assistant Director Harold E. Collins Assistant Director G. Wayne Kerr Assistant Director

NRC Form 30 (1.76) ORGANIZATION CHART U.S. NUCLEAR REGULATORY COMMISSION OFFICE OF STANDARDS DEVELOPMENT Develops and recommends nuclear safety standards, criteria and guides for location, design, construction, operation and Program Support Branch performance of reactors and other production and utilization facilities subject to licensing, and rules, regulations, standards and amendments thereto for (a) the protection of Provides administrative support in coordithe public from the possession, use, transfer, and disposal nating budgeting, contracting, recruiting, of source, special nuclear, and byproduct materials and personnel actions, and mail control activfrom the operation of nuclear facilities subject to lin ities in SD. Provides technical program censing, (b) safeguarding nuclear materials held by licenses for the security of nuclear facilities, and (c) the planning support in coordinating NRC participation in ANSI and IAEA standards protection of the environment. Develops and recommer.ds development activities, SD program plans, rules, regulations, and standards for the preparation of and SD scheduling system. Provides techenvironmental impact statements and environmental appraisnical editing of guides and other docuals Coordinates Commission participation in IAEA ments for publication, and maintenance of standards-related a tivities, and serves as principal point distribution lists for guides. of contact for Commission with the American National Standards institute and other organizations on matters con-Carl E. Johnson Chief cerning nuclear standards Robert B. Minogue Ray G. Smith Deputy Director Carl E. Johnson Assistant to the Director DIVISION OF SITING, HEALTH AND DIVISION OF ENGINEERING STANDARDS SAFEGUARDS STANDARDS (see page 29). (see page 28)

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U.S. NUCLEAR REGULATORY COMMISSION 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. Ariotto ASSISTANT DIRECTOR FOR ASSISTANT DIRECTOR FOR GENERAL ENGINEERING STANDARDS MATERIALS SAFETY STANDARDS Plans and directs program for development of standards for Plans and directs program for development of standards for safety in design, construction and operation of nucletransportation of nuclear material, production or use of reactors, other production and utilization facilities, devices or products containing special nuclear material. facilities for storage and processing of nuclear and radiodesign and construction of fuel cycle facilities, storage active materials, and other areas of nuclear safety. Provides and disposal of nuclear waste material, criticality safety, advice and assistance on research and development programs engineering aspects of occupational exposure, and chemical and the resolution of generic issues involving safety problems enginenring aspects of nuclear reactors. Provides advice and assistance on research and development programs and the of nuclear facilities. resolution of generic issues related to safety problems of Assistant Director M. Kehnemuyi nuclear facilities, transportation of nuclear materials, or nuclear wastes. Assistant Director Robert M. Bernero Structures and Components Standards Branch Develops standards for design, construction and opera-Transportation and Product tion of nuclear reactors and fuel cycle facilities Standards Branch with emphasis on mechanical engineering, structural engineering, and materials engineering aspects. Develops standards applicable to the transportation of nuclear materials and to the production or use of William F. Anderson Chief devices and products containing source, byproduct, or special nuclear material Chief Reactor Systems Standards Branch Robert F. Barker Develops standards for export of nuclear reactors; design, construction and operation of nuclear reactors Fuel Process Systems Standards Branch with emphasis on quality assurance, systems performance and design, instrumentation, personnel qualifi-Develops standards for design and lonstruction of fuel cation and quality assurance for other fuel cycle cycle facilities; waste management, including profacilities. cessing, packaging, temporary storage and disposal of nuclear waste; decommissioning of reactors and fuel Chief Wilbur M. Morrison cycle facilities; chemical engineering aspects of nuclear reactors; criticality safety; and engineering aspects of occupational exposure Engineering Methodology Standards Branch Chief Keith G. Stever 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.

Vincent W. Panciera

Chief

U.S. NUCLEAR REGULATORY COMMISSION

OPGANIZATION 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 safe-guarding 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 1 suses 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

1. Craig Roberts

ASSISTANT DIRECTOR FOR SAFEGUARDS STANDARDS

Pians 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 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. Held

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

Raiph 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

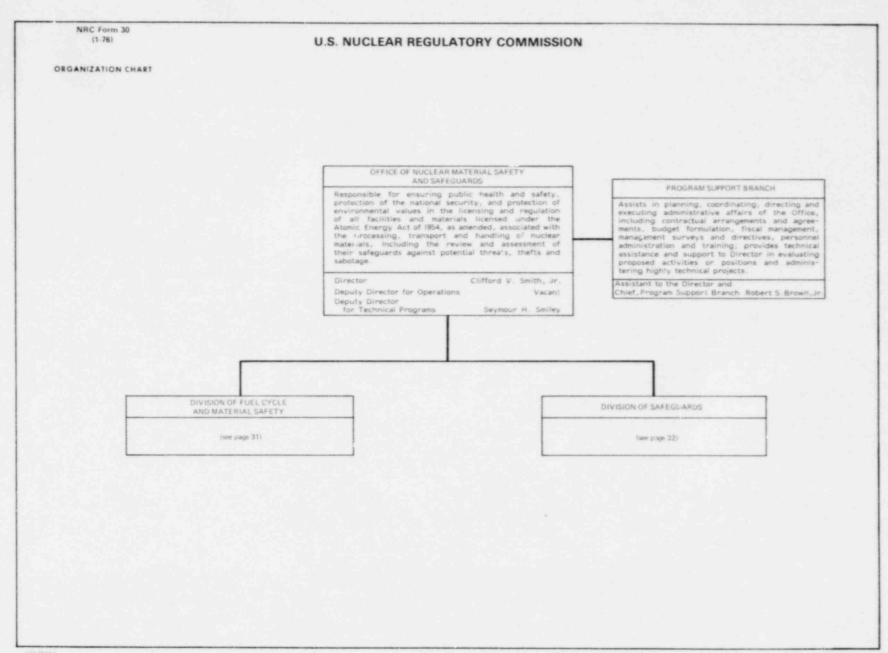
Jacob Kastner

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.

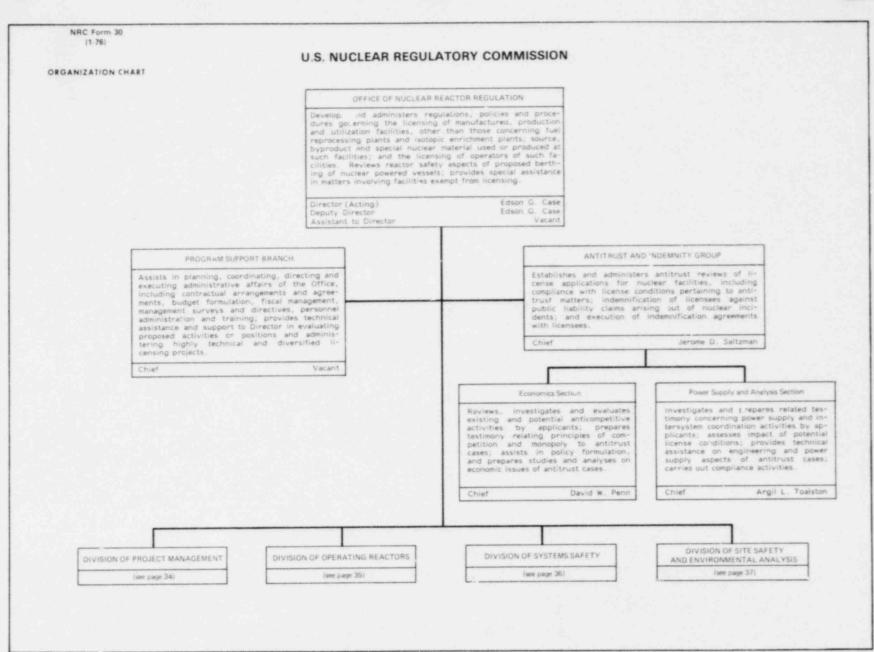
Chief

Robert E. Alexander



NRC Form 30 U.S. NUCLEAR REGULATORY COMMISSION (1-76) Performs NRC's principal licensing and regulation activities ORGANIZATION CHART 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. Richard E. Cunningham Deputy Director AUSISTANT DIRECTOR FOR ASSISTANT DIRECTOR FOR MATERIAL SAFETY AND LICENSING FUEL CYCLE SAFETY AND LICENSING Establishes, administers and coordinates a program for Establishes, administers and coordinates the total licensing and followup review of byproduct source and licensing process for fuel cycle facilities relating special nuclear materials and safety analyses for to safety and environmental assessment. shipping containers. John B. Martin Assistant Director Donald A. Nussbaumer Assistant Director Fuel Processing and Fabrication Radioisotopes Licensing Branch Branch Conducts safety analyses, licensing and followup Conducts safety analyses, licensing and followup review of use of byproduct source and special review of uranium mills, natural uranium conversion nuclear materials. plants and production plants, enrichment plants, and uranium fuel fabrication plants. Bernard Singer Chief Letand C. Rouse Chief Transportation Branch Fuel Reprocessing and Recycle Branch Conducts safety analyses and approval of containers for shipment of radioactive materials, implements Conducts safety analyses, licensing and followup review of independent irradiated fuel storage such actions as required by NRC and coordinates facilities, chemical reprocessing facilities, and activities with agencies having parallel or overlapping jurisdiction such as states and IAEA. plutonium fuel fabrication plants. Chief Vacant Charles E. MacDonald ASSISTANT DIRECTOR FOR OPERATIONS AND TECHNOLOGY WASTE MANAGEMENT Directs and administers development programs related Administers and coordinates licensing program for to upgrading safety and preservation of environmental management of radioactive waste and development of values for fuel cycle facilities and materials. comprehensive waste management policy Assistant Director Homer Lowenberg Assistant Director William P. Bishop Operations and Planning Branch High Level and Transuranic Waste Branch Assesses emerging technology related to safety and Responsible for safety wysis, licensing and environmental protection for relevance in licensing followup review of operations directly associated process; identifies R&D needed to conduct safety with disposal of high level and transuranic conand environmental analyses; coordinates and monitaminated radioactive wastes. tors R&D need to improve licensing function; iden-James C. Malaro tifies need for and validity and scope of current and proposed standards. Robert D. Smith Low Level Waste Branch Responsible for safety analysis, licensing and followup review of operations directly associated with Technology Assessment Branch disposal of low level radioactive waste, decommission-Prepares appropriate environmental impact stateing waste and mill to has. ments on broad programs related to fuel cycle and Michael Bell material licensing, and reviews draft statements Chief prepared by other groups within NRC or other government agencies. Chief John K. Leroni

NRC Form 30 (1-76) U.S. NUCLEAR REGULATORY COMMISSION DIVISION OF SAFEGUARDS ORGANIZATION CHART Develops implements and evaluates overall nuclear safeguards program "roluding 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 ASSISTANT DIRECTOR FOR ASSISTANT DIRECTOR FOR LICENSING OPERATIONS AND EVALUATION REQUIREMENTS AND TECHNOLOGY Establishes, administers and coordinates licensing Conducts activities to assure effectiveness of current Conducts activities supporting improvement of nuclear process and followup review relating to nuclear matemeterials safeguards and development of adequate regsafeguards in licensed programs. Develops contingency rials and facility safeguards, including processing, plans to deal with threats, theft, and sabotage relatulatory processes. Provides cost-benefit assessment fabrication, transportation and disposal. Recommends ing to special nuclear material, high-level radioacof alternative regulatory techniques and procedures. methods, procedures and equipment for improved safetive wastes and nuclear facilities. Proposes development and assures transfer of new and guards. Conducts technical review of safeguards aspects of all applications requesting export or evolving techniques into safeguards programs. import of source and special nuclear materials. Thomas C. Thaver Assistant Director (Acting) Eugene Perchonok Assistant Director (Acting) James A. Powers Assistant Director Technology Assessment Branch Contingency Planning Branch Physical Security Licensing Branch Performs assessments of safeguards developments Directs physical security safeguards licensing to ensure effective transfer of technology to Develops safeguards contingency plans for pronational and international programs. Formulates reviews and followup review responsibilities tection of licensed nuclear materials and facildivision research needs and monitors NRC refor all license applications processed by NMSS. ities, excluding nuclear reactors. Develops and Effects conceptualization and identification of search effort to ensure applicability and adeapplies safeguards contingency planning methodprogram improvements in assigned areas. quacy. Provides support to implement the US/ plogy to incident response plans and operations, IAEA safeguards agreement and strengthen incoordinating with the intelligence community to George W. McCorkle Chief ternational safeguards. obtain pertinent domestic and foreign intelligence data. Chief Theodore Sherr Chief Thomas F. Carter Material Control Licensing Branch Directs nuclear materials control and account-Requirements Analysis Branch ability safeguards licensing reviews and follow-Test and Evaluation Branch up review responsibilities for all license Analyzes existing regulatory safeguards policy, applications processed by NMSS. Effects concerand defines regulatory guidance and require-Evaluates safeguards programs involving it ensed tualization and identification of program improvements which provide increased assurance against nuclear materials at fixed sites and in ransments in assigned areas. port. Develops, maintains, and analyzes informatheft and sabotage of nuclear material. Develops physical security and material control and tion needed for a continuing systematic evalua-James G. Partlow accounting recommendations, and assures timely tion of safeguards, including effectiveness of physical security and material control and introduction of advanced safeguards technology accounting programs. into the legulatory process. Liewellyn J. Evans, Jr. Chief Manfred vonEhrenfried



NRC Form 30 U.S. NUCLEAR REGULATORY COMMISSION (1-76) DIVISION OF OPERATING REACTORS Reviews the design and operational changes in operating reactors; ORGANIZATION CHART 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 ASSISTANT DIRECTOR FOR OPERATIONAL TECHNOLOGY ASSISTANT DIRECTOR FOR REACTOR SAFEGUARDS Plans, directs and supervises the programs and activities Plans, directs and administers the NRR reactor safe-Plans, directs and supervises the programs and activities of the Operating Reactors Branches, including evaluation guards program; and provides management direction and of the Engineering, Reactor Safety, Plant Systems, and of operational safety and design modification of DOEs supervision to the Reactor Safeguards Licensing Branch Environmental Evaluation Branches. owned and DOD-owned reactors exempt from licensing and the Reactor Safeguards Development Branch Assistant Director Karl R. Goller Assistant Director Darrell G. Eisenhut Assistant Director James R. Miller Operating Reactors Branch #1 Engineering Branch Reactor Safety Branch Reactor Safeguards Licensing Branch Reviews overall technical procedural Reviews, evaluates and analyzes the Reviews, evaluates and analyzes: the aspects of licensed operating reactors, engineering safety review of structural engineering safety aspects of the and mechanical components involving and proposed amendments to operating Reviews safeguard-related sections of reactor core, reactor coolant systems, licenses; evaluates office activities mechanical engineering, structural enengineered safety features, accidents PSAR's and FSAR's, reviews applicant's pertaining to processing of applications gineering, and materials engineering and transients, involving thermodynamphysical security plans and contingency for construction permits and operating disciplines, for all reactor facilities ic, fuels, nuclear physics, and system plans; reviews amendments to these licenses for research and test reactors licensed for operation, the evaluation plans for operating reactors, particidesign disciplines, for all reactor and critical facilities. of applications and issuance of confacilities licensed for operation; pates in operating reactors rereview; struction permits and operating licenses applications and issuance of construcand directs technical assistance Chief Albert Schwencer for nonpower reactors, and of operaprograms. tion permits and operating licenses for tional and design modifications of nonpower reactors; operational and DOE and DOD-owned operating facilidesign modifications of DOE and DOD-Operating Reactors Branch #2 Chief ties exempt from licensing as Robert A. Clark owned operating facilities exempt from overall technical procedural requested. licensing as requested. aspects of licensed operating reactors, and proposed amendments to operating Chief Lawrence C. Shao Chief Robert L. Baer licenses; evaluates office activities Reactor Safeguards pertaining to processing of applications Development Branch fo construction permits and operating licenses for research and test reactors Plant Systems Branch Environmental Evaluation Branch Develops reactor safeguards policy and critical facilities. recommendations; develops and analyzes Reviews, evaluates, and coordinates Reviews, evaluates and coordinates the Chief Dennis L. Ziemann new regulatory requirements involving environmental and safety review of rathe technical safety review of consafeguards; coordinates research and tainment systems, control systems, dioactive waste treatment methods and development programs; develops evaluapower conversion systems, auxiliary effluents, radiological accident analtion criteria for use in the licensing Operating Reactors Branch *3 systems, electrical systems, and all yses, radiation protection, and overall function; identifies and initially deother safety related instrumentation environmental assessments for all reacoverall technical procedural velops required standards, and prefor all reactor facilities licensed tor facilities licensed for operation; aspects of licensed operating reactors, pares and maircains NRR/IE reactor of all applications to construct and for operation, all applications to and proposed amendments to operating safequands response plans. construct and operate nonpower reoperate nonpower reactors; of operalicenses; cvaluates office activities actors, including modifications to tional and design modifications of pertaining to processing of applications DOE and DOD-owned reactor facilities Chief Joel M. Elliott plant systems, and, as requested, for construction permits and operating of operational and design modificaexempt from licensing as requested. licenses for research and test reactors tions of DOE and DOD-owned reactor and ritical facilities. facilities exempt from licensing. Chief George E. Lear Chief Walter R. Butler Chief Brian K. Grimes 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

NRC Form 30 U.S. NUCLEAR REGULATORY COMMISSION (1-76) DIVISION OF SYSTEMS SAFETY ORGANIZATION CHART Carries out detailed safety reviews of reactor applications through the operating license stage. Director Roger J Mattson Frank Schroeder Deputy Director ASSISTANT DIRECTOR FOR PLANT SYSTEMS ASSISTANT DIRECTOR FOR REACTOR SAFETY ASSISTANT DIRECTOR FOR ENGINEERING Plans, directs and supervises the programs and Plans and directs the programs and activities of the Plans, directs and supervises the programs and activactivities of the Reactor Systems, Core Perfor-Auxiliary Systems, Containment Systems, Instrumentaities of the Mechanical Engineering, Materials Ention and Control Systems, and Power Systems gineering and Structural Engineering Branches. mance, and Analysis Branches. Branches. Assistant Director Denwood F. Ross Assistant Director Robert L. Tedesco Assistant Director James P. Knight Reactor Systems Branch Auxiliary Mechanical Engineering Branch Systems Branch Reviews and evaluates design and performance of Reviews and evaluates seismic and pipe whip design reactor thermal-hydraulic systems, reactor coolant views reactor license applications and related and mechanical design of reactor vessels, reactor systems, and associated auxiliary systems, and ments to evaluate the design, fabrication and core supports, fuel components, coolant pumps, emergency core cooling systems. -ation of auxiliary systems and fire protection steam generators, coulant piping, pressurizers, ams. component supports and other safety-related Thomas M. Novak mechanical components. Victor Benaroya Robert J. Bosnak Chief Core Performance Branc. * It Systems Branch Reviews, develops and executes calculational meth-Reviews r ctor leanse applications and related ods in the physics, thermal and hydraulic, and Materials Engineering Branch documents o evaluate containment systems and reactor fuel aspects of nuclear reactor design. associated sub-systems, including heat removal, Evaluates materials of pressure-retaining compo-Chief Paul S. Check heating and ventilation, isolation equipment and nents of fluid systems important to safety; percontrols, and combustible gas control systems. forms general technical review, analysis and evaluation of materials, fabrication, inspection and Chief Gus C. Lainas testing of reactor components and systems. Analysis Branch Reviews, evaluates and analyzes calculational Stefan 5. Pawlicki Chief methods used 5% applicants for licensing of nuclear Instrumentation and Control Systems Branch power plants in the nuclear, thermal, and hydraulic areas of reactor and engineered safety features Reviews and evaluates design, fabrication, and design; develops, in conjunction with consultants, operation of reactor protection and safety instru-Structural Engineering Branch independent calculational methods, including commentation, and control instrumentation; participates plex computer codes, for analyzing nuclear, therin development of guides and regulations pertaining Evaluates missile design, design of concrete and mal, and hydraulic performance during steadyto instrumentation and control systems. steel containments, and design of other safetystate, transient and accident conditions. related plant structures; performs technical re-Thomas A. Ippolito Chief view, analysis and evaluation of design, construction and operation of nuclear power reactor Chief Zoltan R. Rosztoczy structures. Power Systems Branch Reviews reactor license applications and related Chief Isa S. Sihweil 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

NRC Form 30 U.S. NUCLEAR REGULATORY COMMISSION (1.76) DIVISION OF SITE SAFETY AND ENVIRONMENTAL ANALYSIS ORGANIZATION CHART Reviews and evaluates all safety and environmental aspects of reactor sites. Harold R. Denton Director Daniel R. Muller Deputy Director ASSISTANT DIRECTOR ASSISTANT DIRECTOR ASSISTANT DIRECTOR ASSISTANT DIRECTOR FOR SITE TECHNOLOGY FOR SITE ANALYSIS FOR ENVIRONMENTAL PROJECTS FOR ENVIRONMENTAL TECHNOLOGY Plans, directs and supervises programs and activities of the Geosciences and and ac vities of the Accident Analy and activities for assessing the enviand activities of the Environmental Hydrology-Meteorology Branches vsis, Effluent Treatment Systems, and ronmental impact of construction and Specialists and Cost Benefit Analysis Radiological Assessment Branches. operation of reactor facilities pro-Branches. posed for licensing, and for prepara-William P. Gammil Assistant Director tion and processing of environmental Assistant Director Richard H. Vollmer Assistant Director Malcolm L. Ernst impact statements for such facilities. Geosciences Branch Environmental Specialists Assistant Director Voss A. Moore Accident Analysis Branch Branch Reviews reactor license applications Reviews reactor license applications to evaluate site adequacy, including Provides specialized technical exto evaluate consequences of postupertise on nonradiological envi-ronmental technical disciplines: such factors as geology, seismology, Environmental Project Branch *1 lated accidents; develops and pregeography, demography, and founpanes accident analyses for environdation engineering. develops guides for preparation of Reviews, evaluates and coordinates mental statements; develops models technical aspects, and coordinates environmental reports by applicants for calculation of accident conse-J. Carl Stepp and environmental statements by all NRC activities, pertaining to Chief quences; evaluates problems of nearevaluation and processing of envi-NRC staff. by industrial, transportation and ronmental impact statements relative military facilities; performs cal-Chief Ronald L. Ballard to applications for construction culations of potenti offsite Hydrology Meteorology Branch permits and operating licenses for doses for postulated design-basis reactors, directs environmental review activities for operating Reviews reactor license applications accidents. to evaluate site adequacy, including Cost Benefit Analysis Branch reactors such factors as hydrology, meteorol Delbert F. Bunch Chief rovides specialized expertise in ogy, geography, demography, and assessing benefits of nuclear fa-George Knighton foundation engineering. Chief aga-nst environmental cilities costs; develops related guides and Chief Lewis G. Hulman Systems branch methods, prepares cost benefit Environmental Project Branch *2 portions of NRC environmental state-Reviews reactor license applications ments on these facilities. to evaluate plant systems and equip-Reviews, evaluates and coordinates ment for fission product removal and technical aspects, and coordinates treatment of radioactive watle, B. Joe Youngblood Chief all NRC activities, pertaining to ncluding development of analytical evaluation and processing of envimodels, assumptions and calculation ronmental impact statements relative al methods for evaluating the effecto applications for construction tiveness of proposed systems. permits and operating licenses for reactors; directs environmental review activities for operating Chief John T. Collins reactors. william Regan Chief Radiological Assessment Branch Assesses radiological impact icensee facilities on environment. including potential pathways for exposure to man and biotal develops and prepares r diological evaluations for environmental statements: evaluates adequacy of radiological protection for ansite personnel. Chief William E. Kneger

NRC Form 30 (1.76) U.S. NUCLEAR REGULATORY COMMISSION 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 regula-Director Saul Levine Deputy Director Vacant: Special Assistant Patricia G. Norry Technical Assistant Clyde P. Jupiter Assistant for Research Applications Clifford K. Beck Special Assistant for International Research Alfred H. Spano ASSISTANT DIRECTOR FOR ADMINISTRATION AND PROJECT CONTROL Directs and coordinates major support programs involving budget, personnel management, administrative services, contracting and contract management, interand intragency relations, and management information PROBABILISTIC ANALYSIS BRANCH systems development; supports Director in long-range program planning and in relationships with the Con-Assists Director in planning, developing, coordinagress, OMB, and other parties; provides management, ting, and supervising programs for de opment and applications of methods of quantitative risk asbudgeting and contracting suppc , for international agreements involving the Office. sessment of nuclear power reactors including light water, gas-cooled, and fast-breader reactors. Assistant Director Edward G. English Chief lan B. Wall DIVISION OF SAFEGUARDS, FUEL CYCLE AND ENVIRONMENTAL RESEARCH DIVISION OF REACTOR SAFETY RESEARCH (see page 39) (see page 40)

NRC Form 30 U.S. NUCLEAR REGULATORY COMMISSSION (1-76) DIVISION OF REACTOR SAFETY RESEARCH ORGANIZATION CHART 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. Thomas E. Murley Director Deputy Director Vacant ASSISTANT DIRECTOR FOR ADVANCED ASSISTANT DIRECTOR FOR WATER REACTOR Special Projects Branch REACTOR SAFETY RESEARCH SAFETY RESEARCH Formulates and implements project control mechanisms; coordinates division program planning; Assists the Director in planning, directing and eval-Plans, develops, coordinates and supervises research and coordinates with DOE on projects being conuating programs of safety research for advanced redevelopment programs relating to the safety of wateractors, including theoretical and experimental prostructed by them for NRC use; assists in implemoderated reactors in the civilian power sector; provides menting international agreements and in performgrams of investigation of the behavior of fuel, cooltechnical guidance and direction and execution of poliing other such support functions as may be ant, components, and systems under conditions of a cles, procedures and administrative duties in water renecessary hypothetical accident to an advanced reactor. actor safety research program; coordinates safety re-Ronald B. Foulds search programs with other appropriate NRC components, Chief Charles N. Kelber Assistant Director and with industrial and foreign safety research. RSR Field Office - Idaho Long Sun Tong Assistant Director Oversees the execution of reactor safety research programs by contractors on site; coordi-Experimental Fast Reactor nates NRC facility requirements with field level Safety Research Branch DOE personnel based on research program direction. Provides scientisk and engineering management Systems Engineering Branch Manager Peter O. Strom direction to experimental fast reactor safety Plans, recommends, and evaluates research programs research programs from initial development to and projects related to safety systems of light water execution and summary. reactors, including basic phenomenological research, effects testing, and total system simulation projects. Chief Melvin Silberberg Analysis Development Branch Chief Ronald M. Scroggins Plans, recommends, and evaluates development of analytical methods and computer programs for water reactor safety analysis and research, and generic calcu-Analytical Advanced Reactor lations using these methods and programs. Safety Research Branch Provides scientific and engineering management Metallurgy and Materials Branch Chief Stanislav Fabic direction to analytical advanced reactor safety Plans, recommends and evaluates research programs in research programs from initial development area of metallurgy and structural mechanics to assure integrity of the primary system. through execution and summary. Robert T. Curtis Chief Fuel Behavior Research Branch Charles Z. Serpan Chief Plans, recommends and evaluates research programs concerning fuel assembly response rod behavior during normal, abnormal, and accident conditions, using Experimental Gas-Cooled Reactor appropriate nuclear and nonnuclear facilities. Safety Research Branch Research Applications Branch Provides scientific and engineering management William V. Johnston Chief Plans, recommends and evaluates research programs direction to gas-cooled reactor safety research and projects related to application of codes, and programs from initial development through execuassists in the transfer to and implementation of tion and summary. Site Safety Research Branch research results by other NRC offices, Chief Robert D. Schamberger Plans, recommends and evaluates research programs in Gary L. Bennett Chief (Acting) 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. Jerry Harbour Chief

U.S. NUCLEAR REGULATORY COMMISSION

ORGANIZATION CHART

DIVISION OF SAFEGUARDY, 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) Deputy Director Frank J. Arsenault Carl B. Hilland

ASSISTANT DIRECTOR FOR SAFEGUARDS RESEARCH

Develops, coordinates and directs safeguards research programs necessary to improve MRC's capability for policy development and program direction, promulgates effective regulations and standards; provides for appropriate coordination of research activities among all MRC offices with safeguards responsibilities.

Assistant Director

Frank J. Arsenault

Systems Analysis Branch

Provides technical and administrative direction toanalytical 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

Pinny, recommends and evaluates research programs on accident prevention and analysis in fuel cycle facilities apart from reactor transportation systems and waste disposal; procides program management and direction.

Chief

Citaries 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 italison and broad technical direction for foreign cooperative programs; cooperates with other agencies in areas of mutual research.

Chief

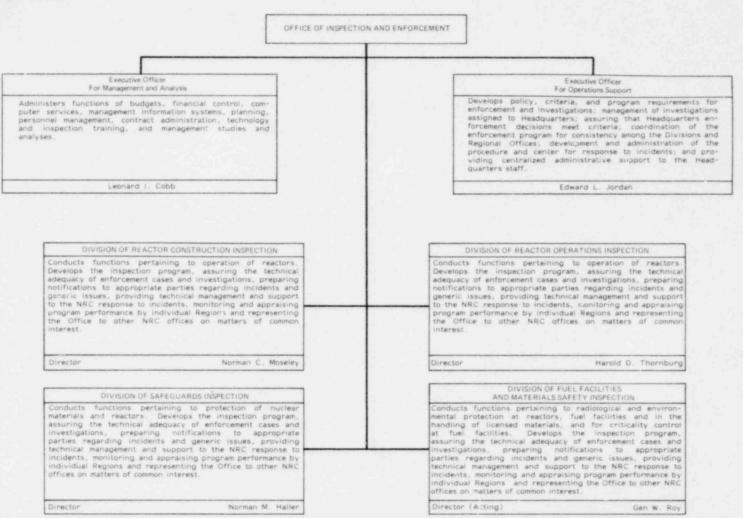
Frank Swanberg, Jr.

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. Ernst Volgenau Deputy Director EXECUTIVE OFFICER EXECUTIVE OFFICER FOR OPERATIONS SUPPORT FOR MANAGEMENT AND ANALYSIS (see page 42) (see page 42) DIVISION OF FUEL FACILITIES DIVISION OF SAFEGUARDS DIVISION OF REACTOR DIVISION OF REACTOR CONSTRUCTION INSPECTION OPERATIONS INSPECTION INSPECTION AND MATERIALS SAFETY INSPECTION (see page 42) (see page 42) (see page 42) (see page 42) REGION III REGION IV REGION V REGION I REGION II (page 44) (page 43) (page 43) (page 44) (page 43)

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U.S. NUCLEAR REGULATORY COMMISSION

ORGANIZATION CHART



NRC Form 30 (1-76)

U.S. NUCLEAR REGULATORY COMMISSION

OF GAMIZATION CHARL

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.

Chiel

Eldon J. Brunner

Reactor Construction and Engineering Support Branchinspections 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 Branchinspections 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 Figrelli-

Reactor Construction and Engineering 9 poort Branchinspections and investigations of rections under construction; technical support on operating reactors.

Chief

Robert F. Heishman

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

ORGANIZATION CHART

U.S. NUCLEAR REGULATORY COMMISSION

	REGION IV
Office of the Directo including inspections actions	or-directs all Region activities s, investigations, and enforcement
Director	Elbert M. Howard
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Chief	Glen L. Madsen
inspections and invi	and Engineering Support Branch- estigations of reactors under con-
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Chief Fuel Facility and Moof radiological and of licensees and operation. Chief Vendor Inspection B of enrichment fac	estigations of reactors under con- support on operating reactors. William C. Seidle aterials Safety Branch-inspections environmental protection programs fuel facility construction and

	REGION V	
		Region activities ns, and enforcement
Director		Robert H. Engelken
spections and in-	vestigations of	Support Branch-in- reactors and critical tatus and with oper-
Chief		J. L. Crews
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Reactor Constructionspections and	investigations	of reactors under
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Reactor Constructionspections and construction; technichief Fuel Facility and of radiological and ficensees aroperation. Chief	Materials Safet d environmental d fuel facility	of reactors under operating reactors. George S. Spencer y Branch inspections protection programs y construction and Herbert E. Book