



Jersey Central Power & Light Company
Madison Avenue at Punch Bowl Road
Morristown, New Jersey 07960
(201) 455-8200

August 6, 1979

Director
Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

Subject: Oyster Creek Nuclear Generating Station
Docket No. 50-219
Review of Management and Technical Resources

The attached is in response to your letter of June 29, 1979 requesting information regarding corporate management and technical capabilities that are available to anticipate and preclude or respond to events such as the TMI-2 incident.

General Public Utilities Corporation (GPU) is composed of three subsidiary operating companies and General Public Utilities Service Corporation (GPUSC). Jersey Central Power & Light Company, together with Metropolitan Edison Company and Pennsylvania Electric Company are the operating companies. As a member of the GPU system, the technical and managerial resources of GPUSC are available to the Jersey Central Power & Light Company.

The organizational chart and position descriptions of the Oyster Creek Nuclear Generating Station as presented in this submittal are predicated on the existing organization. Please note that a change to our Technical Specifications has been requested, modifying the existing organization. This change, which was submitted April 10, 1979 (identified as Technical Specification Change Request No. 70) will be implemented after NRC approval.

A contractual arrangement between Jersey Central Power & Light and Radiation Management Corporation (RMC) exists as described in our Emergency Plan. The Radiation Management Corporation was formed by several Eastern Utility companies for the expressed purpose of providing the necessary personnel and facilities to meet the needs of any radiation incident. RMC has professional health physicists and experienced medical personnel on the permanent staff. Facilities are provided in Philadelphia, Pennsylvania, at the Hospital of the University of Pennsylvania at the University City Science Center for the specialized treatment of individuals involved in radiation incidents. They will also provide assistance and consultation services for all aspects of emergency planning and health physics programs for the member companies.

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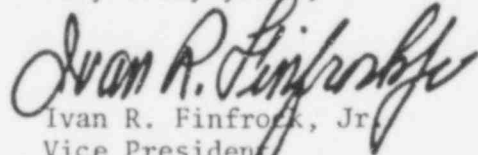
593 086

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If additional questions exist or further clarification is needed, please feel free to contact Jim Knubel, Supervisor, Nuclear Safety & Licensing (201-455-8753) or me.

Very truly yours,


Ivan R. Finfrock, Jr.
Vice President

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593 037

TABLE OF CONTENTS

A. MANAGEMENT

1. Jersey Central Power & Light Co. Management
 - A. Organizational Chart
 - B. Position Descriptions and Personnel Backgrounds
2. GPUSC Management
 - A. Organizational Chart
 - B. Position Descriptions and Personnel Backgrounds
3. Position descriptions and personnel backgrounds of the President and Vice President-Generation of Metropolitan Edison Company and Pennsylvania Electric Company.

B. TECHNICAL RESOURCES

1. Oyster Creek Plant Staff
 - A. Organizational Chart
 - B. Position Descriptions
 - C. Personnel Backgrounds
2. JCP&L Offsite Support
 - A. Organizational Chart
 - B. Department Descriptions and Summaries of Personnel
3. GPUSC Offsite Support
 - A. Organizational Chart
 - B. Department Descriptions and Summaries of Personnel

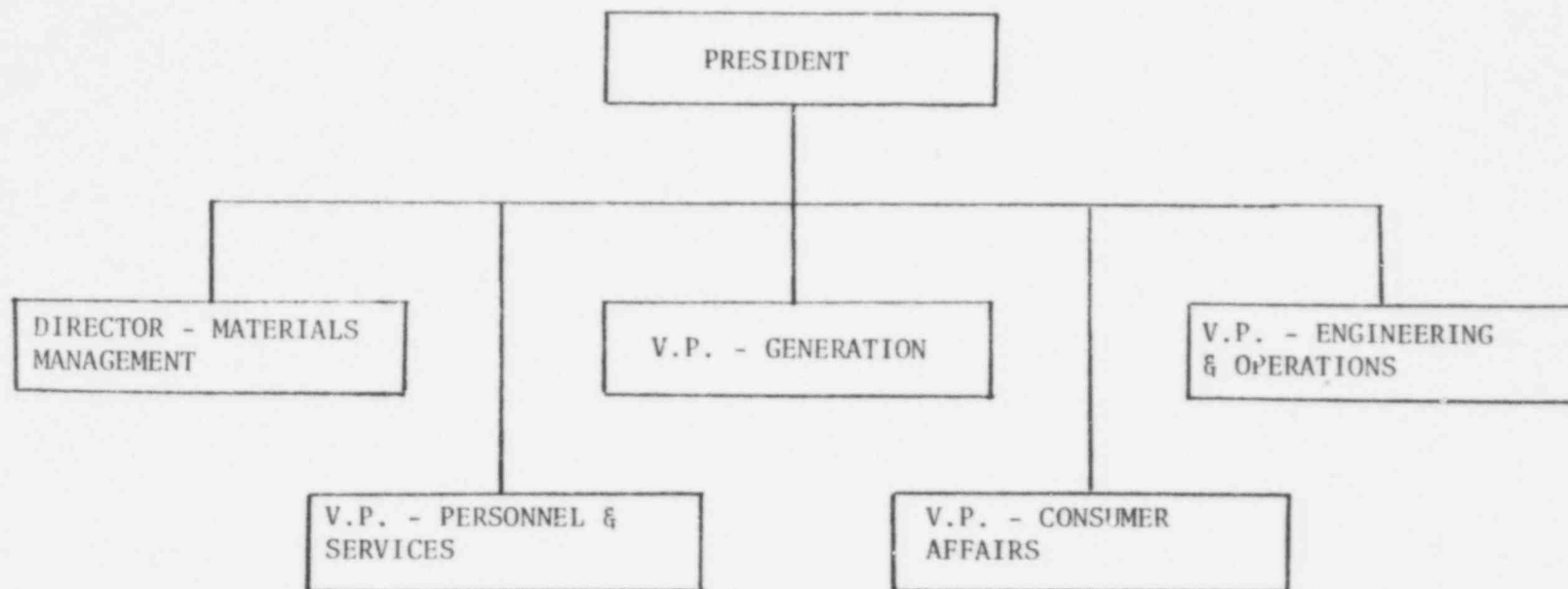
JERSEY CENTRAL POWER & LIGHT CO.

MANAGEMENT RESOURCES

593 089

J.C.P.&L. ORGANIZATIONAL
CHART, MANAGEMENT RESOURCES

593 090



This position manages all operational aspects of Jersey Central Power & Light by directing and coordinating engineering, generating, and operating functions, as well as determining overall policies for personnel, industrial relations, and purchasing.

This position is accountable for the following end results:

1. Contribute to the PROFITABILITY OF JCP&L through the effective management of engineering, operations and generating functions.
2. Ensure EFFECTIVE AND TIMELY DELIVERY OF SERVICE to JCP&L's customers by monitoring group performance and guiding the development and implementation of new and improved systems.
3. Develop and maintain an EFFECTIVE ORGANIZATIONAL STRUCTURE which deploys managerial, professional and other personnel effectively to meet the Company's needs.
4. Provide COMPETENT AND MOTIVATED STAFF by directing its selection and development to meet current and ongoing commitments, and by ensuring the orderly development of management succession.
5. Develop EFFECTIVE MANAGEMENT REPORTING SYSTEMS to provide accurate and timely information for critical decisions and to measure progress and results.
6. Ensure EFFECTIVE PERSONNEL AND INDUSTRIAL RELATIONS POLICIES by directing and coordinating that function.
7. Provide EFFECTIVE PURCHASING AND GENERAL SERVICES by capable management of the Staff.
8. Contribute to CORPORATE POLICY AND STRATEGY by counseling with top Company executives concerning external and internal influences and overall capabilities of GPU.

Educational Background

Syracuse University, A.B. Math 1941
Syracuse University, M.A. Physics 1944
Mass. Inst. of Tech., Ph.D. Physics 1949

Experience

9/72 to Present - President (JCP&L)
5/71 to 9/72 - Director Environmental Affairs (GPUSC)
12/69 to 5/71 - Manager Engineering (JCP&L)
3/68 to 12/69 - Manager Fuels - Nuclear Power Activities Group (JCP&L)
1955 - 1968 - Reliability Manager of the Advanced Reactor Division - Westinghouse
1948 - 1955 - Associate Professor and Executive Officer - Tufts University
1945 - 1948 - Teaching and research while working of Ph.D.

This position is accountable for directing the engineering, operation and maintenance of JCP&L's fossil fuel and nuclear power plants, and it is accountable for construction of additions to facilities.

This position is accountable for the following end results:

1. SAFE OPERATION OF NUCLEAR PLANTS through monitoring developing and implementing safety inspections and a quality assurance program.
2. EFFICIENT AND CONTINUOUS OPERATION OF THE COMPANY'S POWER PLANTS through the economical and timely maintenance of equipment and facilities.
3. TIMELY AND ECONOMICAL DESIGN AND CONSTRUCTION OF ADDITIONS TO EXISTING GENERATING FACILITIES through effective planning, scheduling, and management of personnel and resources.
4. EFFICIENT AND TIMELY POWER GENERATION through the effective management of JCP&L's power plants.
5. COMPETENT AND MOTIVATED STAFF by directing its selection and development to meet current and ongoing commitments.
6. AN INFORMED TOP MANAGEMENT through timely and effective communication.

Educational Background

Drexel University, B.S., EE, 1952

Argonne Nat'l Lab. - School of Nuclear Science & Engineering - Certificate 1956

Penn State University - Grad Extension Service - 9 credits - Math and Physics
1957-1959

Reactor Operator License 7/3/62, Saxton Power Reactor

Senior Reactor Operator License - 11/2/63, Saxton Power Reactor

Senior Reactor Operator License - 11/2/65, Saxton Power Reactor

Experience

- 9/72 to Present - Vice President Generation (JCP&L)
5/71 to 9/72 - Manager Nuclear Generation (JCP&L)
5/70 to 5/71 - Manager Nuclear Power Activities Group (GPUSC)
9/61 to 5/70 - Supervisor Reactor Plant Services - Saxton
3/61 to 9/61 - Nuclear Project Engr. - Saxton
9/59 to 9/61 - Nuclear Project Engr. - Met Ed
3/56 to 9/59 - Project Engineer - Met-Ed
6/56 to 3/56 - Electrical Engineer Cadet - Met Ed

This position is accountable for ensuring that the needs of the customers are met through (1) development of an equitable and adequate rate structure (2) operation of local business offices (3) reduction of the capital needs of the company by load management, and (4) effective communication of precise information about the Company.

This position is accountable for the following end results:

1. RECOVERY OF REVENUES FROM EACH CUSTOMER CLASS through effective and timely administration of the rate structure.
2. REDUCTION OF CAPITAL NEEDS OF THE COMPANY AND COST OF SERVICE TO THE CUSTOMERS through developing, implementing, and monitoring a load management program.
3. ESTABLISHMENT OF A POSITIVE IMAGE OF THE COMPANY through communication to customers, employees, and the public of adequate, precise, and timely information on the Company.
4. MAINTENANCE OF DIRECT CONTACT WITH customers through operation of field business offices.
5. A FULLY COMPETENT AND MOTIVATED STAFF that meets departmental objectives through effective direction, selection, and development of personnel.
6. AN INFORMED TOP MANAGEMENT THROUGH clear, timely and effective communication.

Educational Background:

B.S. in Electrical Engineering
Post Graduate Work - Management
64 Credits Toward - Juris Doctorate

Experience:

3 years in Engineering Management - Electrical
27 years Total Utility Experience

593 094

This position directs all operation, construction, and maintenance of JCP&L's electrical system from the generator to the customer by managing the transmission and distribution system.

This position is accountable for planning, designing, scheduling, and construction of transmission and distribution facilities for JCP&L.

This position is accountable for the following end results:

1. MEETING THE CURRENT AND FUTURE POWER NEEDS OF THE CUSTOMERS OF JCP&L through planning and design of transmission and distribution systems.
2. MINIMUM COST OF ELECTRIC POWER by economic and efficient planning and design of transmission and distribution systems.
3. MINIMUM CAPITAL INVESTMENT through using the load forecasts to plan a construction budget while meeting the needs of the customers.
4. AN EFFECTIVE ENGINEERING DEPARTMENT through the development of policies and procedures for design, planning, construction, and budgeting.
5. A MOTIVATED AND COMPETENT STAFF by directing its selection and development to meet current and ongoing commitments.
6. AN INFORMED TOP MANAGEMENT through timely and effective communications.
7. RELIABLE AND SATISFACTORY ELECTRIC SERVICE to all JCP&L customers through the effective management of the transmission and distribution system.
8. EFFICIENT AND CONTINUOUS OPERATION OF JCP&L'S TRANSMISSION AND DISTRIBUTION SYSTEM through the economical and timely maintenance of equipment and facilities.
9. TIMELY AND ECONOMICAL CONSTRUCTION OF TRANSMISSION AND DISTRIBUTION FACILITIES through the effective planning, scheduling, budgeting, and management of resources and personnel.
10. COMPETENT AND MOTIVATED STAFF by directing its selection and development to meet current and ongoing commitments.
11. AN INFORMED TOP MANAGEMENT through timely and effective communication.

Educational Background:

B.S. Electrical Engineering

Experience:

Total experience is in transmission and distribution engineering and operations.

19 years total experience in the utility field

14 years of the total 19 in engineering management

This position is accountable for managing the procurement of all the material needs of JCP&L through planning, developing, coordinating, and monitoring the materials management function.

This position is accountable for the following end results:

1. CONTRIBUTION TO EFFECTIVE OPERATION OF THE COMPANY by meeting the material needs of all functions.
2. CONTRIBUTION TO PROFITABLE OPERATION OF THE COMPANY through maintenance of minimum desirable inventory levels of fuels, line, and other necessary items while meeting the needs of the company.
3. ECONOMIC AND TIMELY PROCUREMENT OF MATERIAL NEEDS OF THE COMPANY through purchasing/contracting and by developing policies and procedures for purchasing/contracting.
4. COMPETENT AND MOTIVATED STAFF by directing its selection and development to meet current and ongoing commitments.
5. AN INFORMED TOP MANAGEMENT through timely and effective communication.

Educational Background:

High School Graduate
Graduate of Technical School of Electronics
Various Technical Courses and Military Training Courses Completed

Experience:

3 1/2 Years total utility experience
A total of 10 years in Materials Management
13 Years as an engineer for Martin Marietta - Aerospace
3 Years as Superintendent of Range Operations for Cape Canaveral, Florida

This position is accountable for: hiring and promoting top quality personnel within the legal setting; administering wage and salary programs; managing the labor relations process; training employees; maintaining buildings; handling insurance claims; managing safety and security programs; managing the transportation system.

This position is accountable for the following end results:

1. TOP QUALITY PERSONNEL ARE HIRED AND PROMOTED THROUGHOUT THE COMPANY by managing the personnel function within the legal framework.
2. EFFECTIVE WAGE AND SALARY ADMINISTRATION by ensuring internal equity and external competitiveness in the pay structure.
3. EFFECTIVE LABOR RELATIONS PROCESS by managing both collective bargaining and the grievance procedure.
4. WELL-TRAINED EMPLOYEES THROUGHOUT THE CORPORATION by developing policies and procedures.
5. AN EFFECTIVE TRANSPORTATION SYSTEM FOR EMPLOYEES by managing this function.
6. WELL MAINTAINED BUILDINGS AND FACILITIES by managing this function.
7. A SAFE WORKING ENVIRONMENT by developing and enforcing safety procedures.
8. THE PROPERTY OF THE COMPANY IS SECURED FROM TRESPASSING by developing and enforcing security procedures.
9. A COMPETENT AND MOTIVATED SERVICES STAFF by selecting, directing and developing its personnel.
10. AN INFORMED TOP MANAGEMENT through effective and timely communication.

Educational Background:

High School Graduate
1 Year at Monmouth College

Experience:

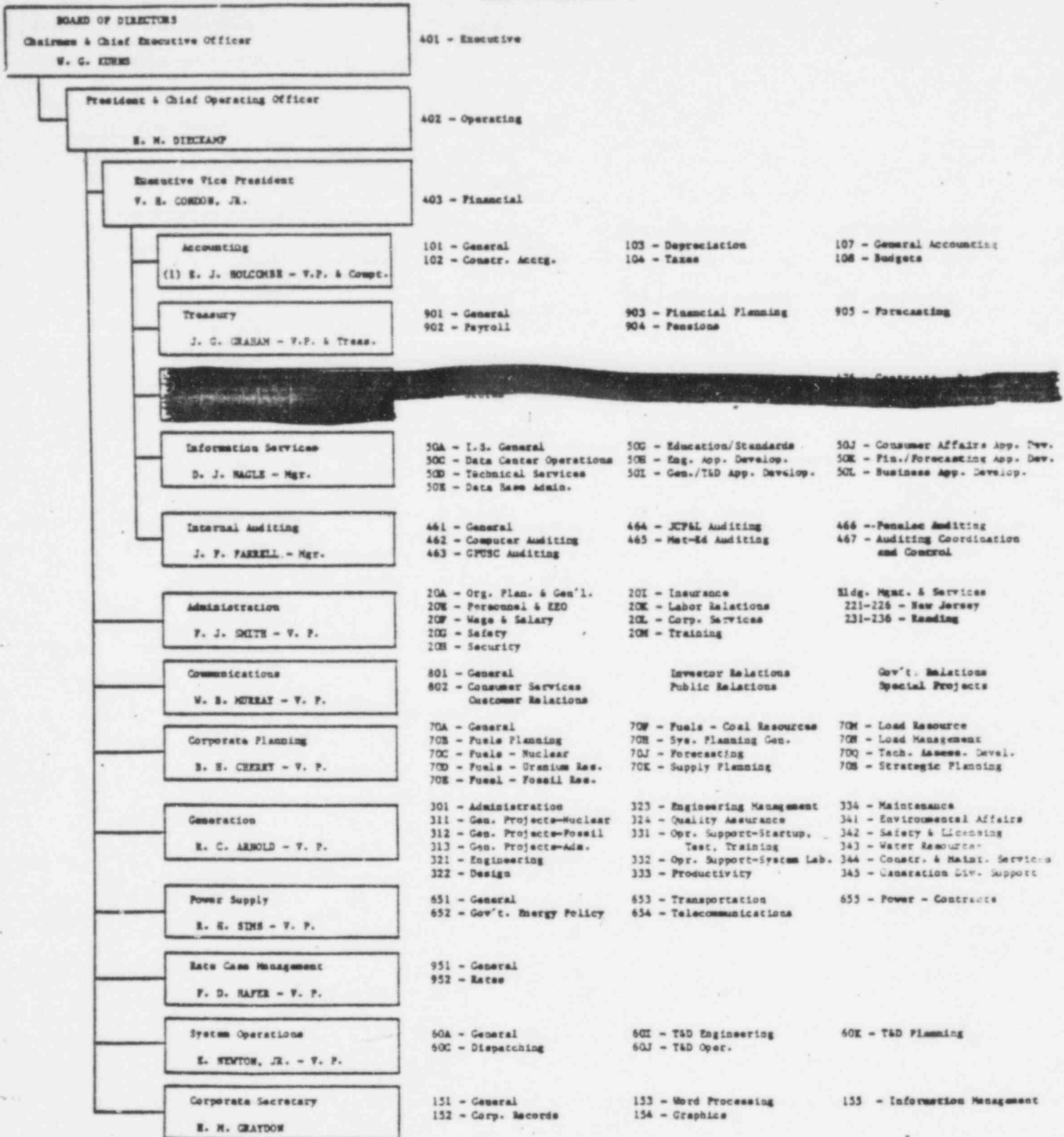
32 years in transmission and distribution

593 078

GPU SERVICE CORPORATION
MANAGEMENT RESOURCES

593 029

**GPU SERVICE CORPORATION
ORGANIZATION**



NOTE: (1) V.P. and Comptroller also reports directly to Board of Directors.

POOR ORIGINAL

593 100

FREDERICK GLICKMAN - Vice President - Materials Management

This position contributes to the profitability of the corporation by ensuring that procurement, distribution, and warehousing costs are reduced as low as possible while maintaining sufficient supplies of material to operate the company.

This position is accountable for the following end results:

1. Increased profitability of the Corporation by obtaining the maximum total value for the funds committed for purchases and leasing disbursements by Materials Management.
2. Minimum investment in materials while meeting material needs of users.
3. Reflection of company plans in contracts and that performance by suppliers is in accordance with facilities availability requirements and cash flow objectives of the Company.
4. Increased efficiency in the operation of power plants through purchase and control of all nuclear fuel and long-term fossil fuel supply for the System.
5. Contributes to effective rate case management by ensuring that procurement procedures are defensible to outside parties.
6. A full competent and motivated staff through effective selection, direction, and development of personnel.
7. Effective management of the Materials Management Divisions/ by developing system-wide policies and procedures for purchasing, contract administration and inventory control.

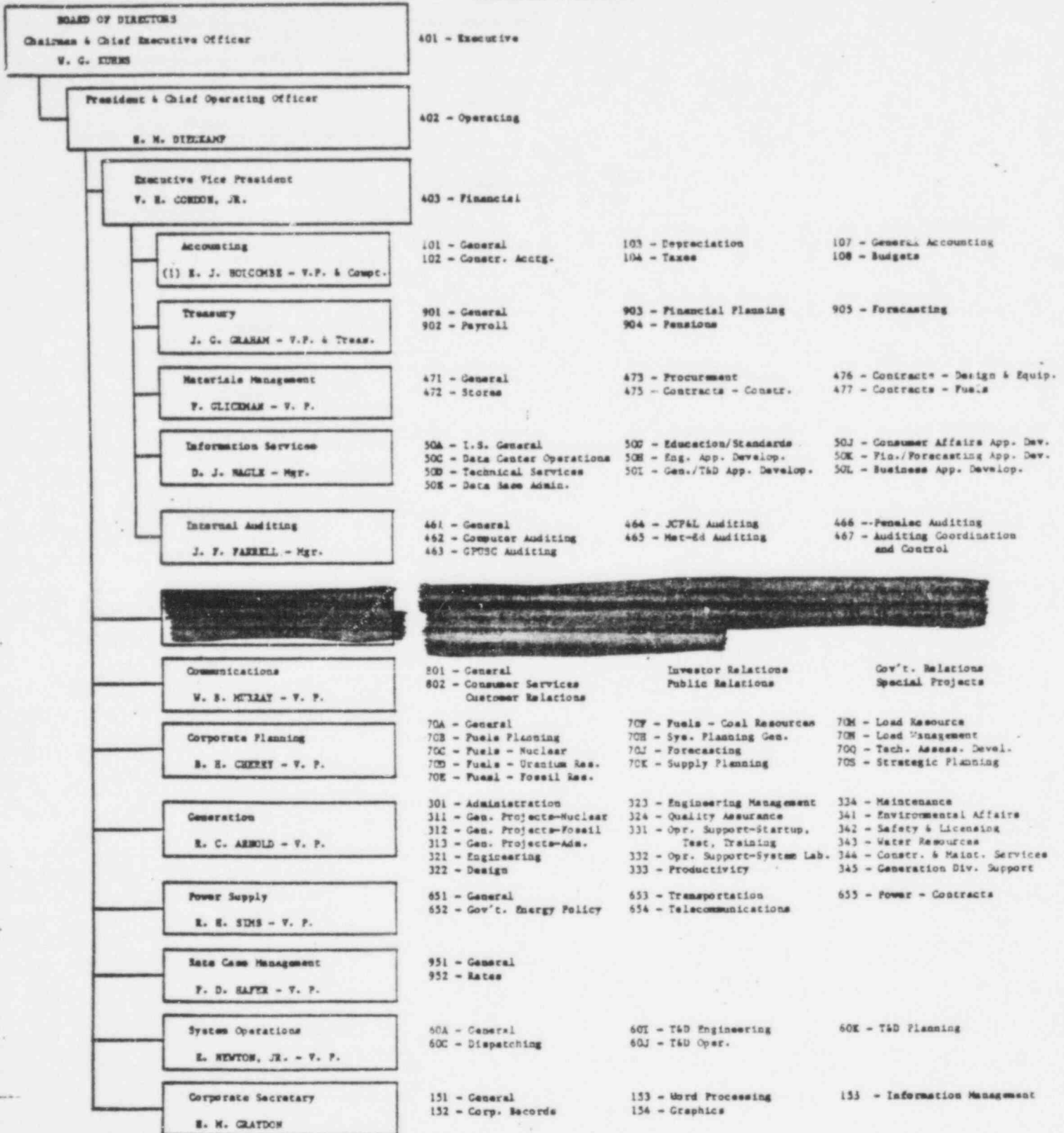
EDUCATIONAL BACKGROUND

- A. B. Economics from Brooklyn College - 1949
M. S. Business Administration from Columbia University - 1950

EXPERIENCE

GPUSC - Vice President-Materials Management	8-1-77 - Present
" - Director - Materials Management	1-1-76 - 7-31-77
" - Manager - Contracts	2-5-74 - 12-31-75
G E - Manager-Marketing & Contracts	1966 - 1974
G E - Manager-Contracts	11-53 - 2-66
US Navy Procurement Specialist/Contract Negotiator	1951 - 1953
Majestics Factors Corp - Ass't Credit Manager/ Accountant Auditor	1950 - 1951

**GPU SERVICE CORPORATION
ORGANIZATION**



NOTE: (1) V.P. and Comptroller also reports directly to Board of Directors.

593 102

POOR ORIGINAL

Floyd J. Smith - Vice President - Administration

This position is accountable for monitoring and administering the following activities: organizational planning, labor relations; human resource management and development; safety; security; insurance; office-building construction, operation, maintenance; and administrative services.

This position is accountable for the following end results:

1. Effective and orderly management succession through development and implementation of a documented organizational plan for hiring and development of all GPU personnel in the future.
2. Motivated and satisfied corporate personnel through development, monitoring and implementation of a Compensation & Benefit administration program which is internally equitable and externally competitive.
3. Increased effectiveness of utilization of all human resources through development and implementation of equal employment opportunity programs.
4. Effective personnel administrative policies and procedures and coordination of all personnel activities in the GPU System.
5. Equitable and economic labor contracts through development, monitoring and implementation of policies and procedures for labor relations.
6. Maximum productivity of corporate personnel through development and implementation of effective training programs.
7. An informed top management through effective and timely communication.
8. Effective insurance coverage for GPU System Companies at lowest cost through purchase and monitoring of the insurance program.
9. A cost-effective buildings management staff to provide appropriate facilities for the efficient conduct of business.
10. A motivated and competent administrative services group to provide all such services not specifically assigned to other functional groups.

EDUCATIONAL BACKGROUND

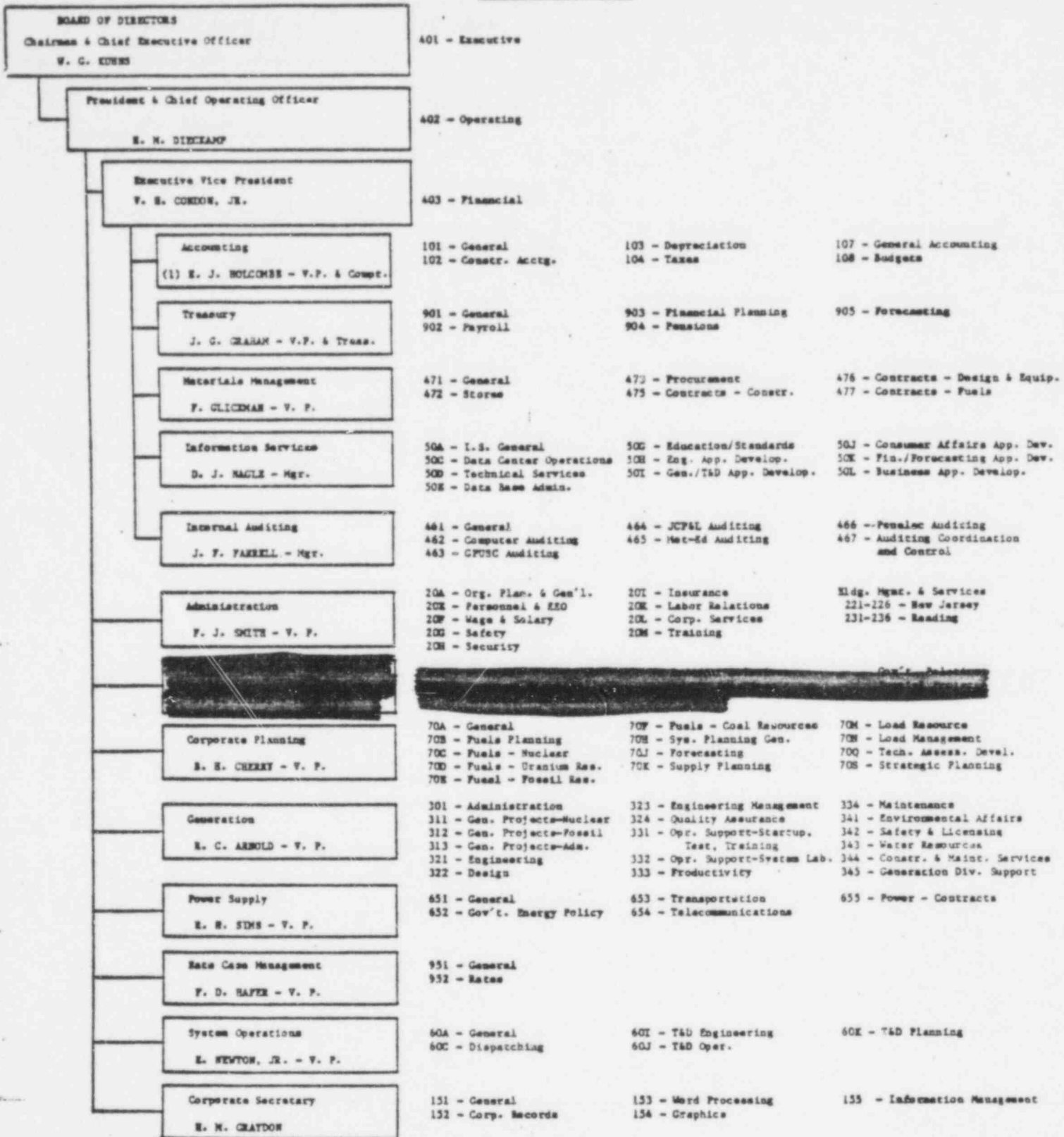
B. S. Electrical from U. S. Naval Academy - 1946

FLOYD J. SMITH - Continued

EXPERIENCE

GPUSC - Vice President Administration	5-1-73 - Present
MetEd - Vice President - System Operations	4-1-67 - 4-30-73
" - Manager - System Operations	4-1-65 - 3-31-67
" - System Personnel Manager	8-1-62 - 3-31-65
" - Division Operating Superintendent	10-1-59 - 7-31-62
" - Supt. Electrical Constr. & Maint.	9-1-56 - 9-30-59
" - Supv. Electrical Constr. & Maint.	9-1-50 - 8-31-56
Furloughed for Active Duty from 1-15-52 to 6-15-53	
MetEd - Foreman	8-22-49 - 8-31-50
" - Electrical Engineer Jr.	1-1-59 - 8-21-49
" - Electrical Engineer Cadet	11-22-48 - 12-31-48

**GPU SERVICE CORPORATION
ORGANIZATION**



NOTE: (1) V.P. and Comptroller also reports directly to Board of Directors.

POOR ORIGINAL

593 104

WILLIAM B. MURRAY - Vice President - Communications

This position is responsible for coordinating GPU-wide communications with its customers, employees, shareholders, the financial community, regulatory agencies, appropriate State and Federal legislators, the media and the general public-at-large.

These responsibilities relate to three organizational elements of the GPU System as follows:

- (1) Direct and sole communication responsibility for the GPU Corporation
- (2) Direct and sole communication responsibility for the GPU Service Corporation
- (3) Guidance, Review and Coordination of these communication functions in the GPU operating companies.

This position is accountable for the following end results:

- (1) Effective customer service and business office operations throughout the Corporation with consequent favorable consumer relations through the internal monitoring and coordination of these functions in the 3 operating companies.
- (2) High employee morale throughout the Corporation through accurate and timely dissemination of information on corporate policy, personnel issues, and company operations.
- (3) Favorable relations with the shareholders and the financial community through the dissemination of accurate and effective information about the company's financial status, security offerings, current and future operations and planning.
- (4) The passage of legislation and rulings creating a favorable environment in which GPU can operate through monitoring and developing effective relations with state governments, the Federal government, and regulatory bodies.
- (5) Effective communications and relations with the local and national media so as to obtain open, objective and fair treatment of the company's operations, policies and plans.
- (6) An informed top management through effective and timely reporting on communication issues.
- (7) A competent and motivated communications staff through effective direction, selection, and development of personnel.

EDUCATIONAL BACKGROUND

B. S. Engineering from the U. S. Military Academy - 1944

M. S. Nuclear Science from Princeton University - 1948

EXPERIENCE

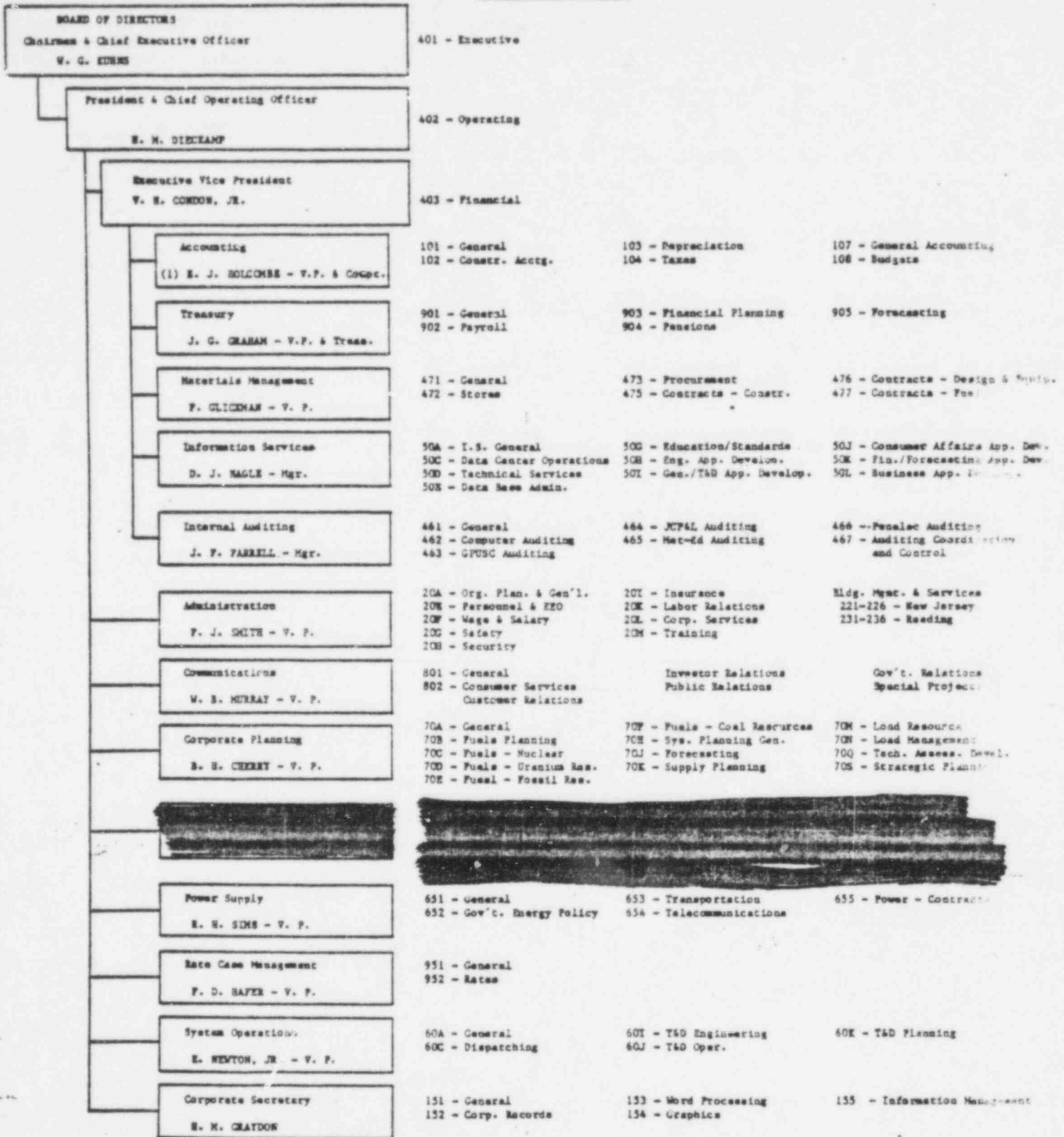
GPUSC - Vice President-Communications 1-1-75 - Present

Atomics International, Rockwell Corp. 11-55 - 12-74
- Vice President

Responsible for: Advanced Programs;
Marketing; Business Development; Public Relations

U. S. Army - Artillery & Ordnance Officer 6-44 - 8-55
(Nuclear Technology)

**GPU SERVICE CORPORATION
ORGANIZATION**



NOTE: (1) V.P. and Controller also reports directly to Board of Directors.

POOR ORIGINAL

593 107

ROBERT C. ARNOLD - Vice President - Generation

This position is accountable for design, construction, and start up of new generating facilities for all the operating companies and supports them in the operation of the existing power plants.

This position is accountable for the following end results:

1. Meeting the current and future power needs of GPU's customers through design, construction and start-up of new power plant facilities.
2. Contributes to efficient and continuous operation of the System's Power Plants by supporting the operating companies in efforts to increase the productivity of existing plant facilities through improved operating and maintenance practices and plant modifications.
3. Economic and efficient management of generation facility additions and operation of existing stations through monitoring and review of budgets and resources commitments.
4. A motivated and competent staff by directing its selection and development to meet current and ongoing commitments.
5. An Informed top management through timely and effective communications.

EDUCATIONAL BACKGROUND

B. S. Engineering from University of Michigan - 1959

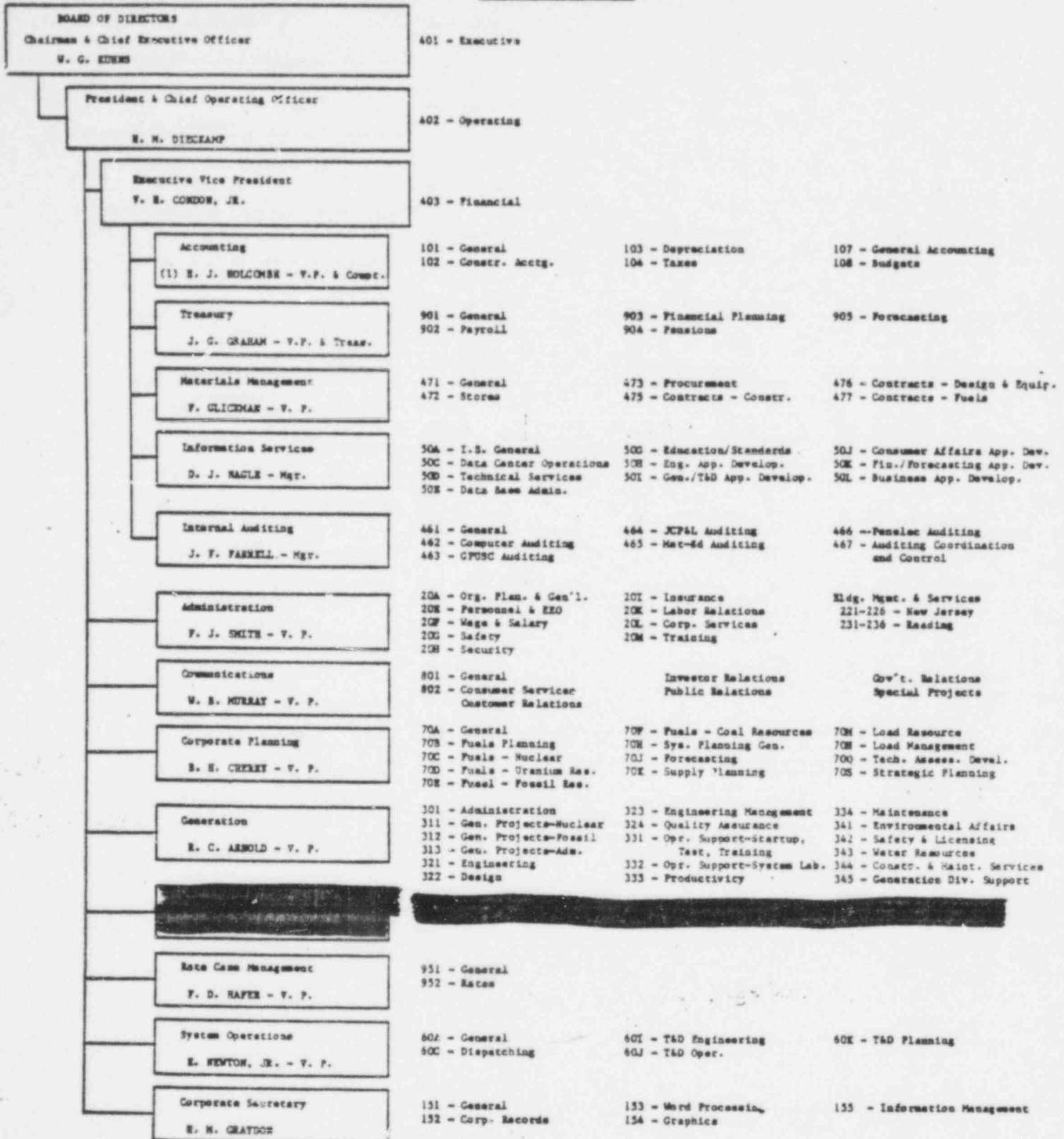
U. S. Navy Nuclear Power Training 10-63 - 9-64

EXPERIENCE

GPUSC	- Vice President - Generation	6-1-77 - Present
MetEd	- Vice President - Generation	1-1-74 - 5-31-77
"	- Manager - Generation	1-1-73 - 12-31-73
"	- Manager - Production	1-1-72 - 12-31-72
"	- Supervisor - Production	7-1-71 - 12-31-71
"	- Engineer Senior	9-2-69 - 6-30-71
USNavy	- Lieutenant Commander	9-59 - 8-69
	USS Willis A. Lee-Electrical Officer	9-69 - 3-61
	USS Kepler - Operations Officer	12-62 - 9-63
	US Naval Nuclear Power Training Unit	10-64 - 11-66
	USS Long Beach - Main Propulsion Ass't.	11-66 - 8-69

593 108

**GPU SERVICE CORPORATION
ORGANIZATION**



NOTE: (1) V.P. and Comptroller also reports directly to Board of Directors.

593 109

POOR ORIGINAL

Robert H. Sims - Vice President - Power Supply

This position is accountable for power pooling agreements which contribute to meeting the power demands of GPU's customers reliably, adequately, and economically, in a timely manner through Power Pooling Agreements and the operations of inter-company and intra-company transfers, construction feasibility and coordinating studies, and negotiations over transmission systems and utilization. Serves as GPU member of the Management Committee of PJM, Executive Board of MAAC, Administrative Committees under various Transmission Agreements. Also serves as Chairman of the GPU Operating Committee which administers GPU Power Pooling Agreements.

This position is accountable for the following end results:

1. Power demands of GPU's customers are met in an economic and timely manner through the negotiation and operation of PJM Power Pooling Agreements and inter-company/intra-company transfers of electricity.
2. Contributes to the reliable coordination of construction of generating and transmission facilities of Mid-Atlantic utilities through analysis of data and reliability criteria.
3. Sufficient construction of transmission systems to meet the needs of the customers in an economic manner.
4. Adequate telecommunications and transportation systems at the lowest cost.
5. An informed top management through effective and timely communication.
6. Motivated and competent staff through selection, direction and development of personnel.

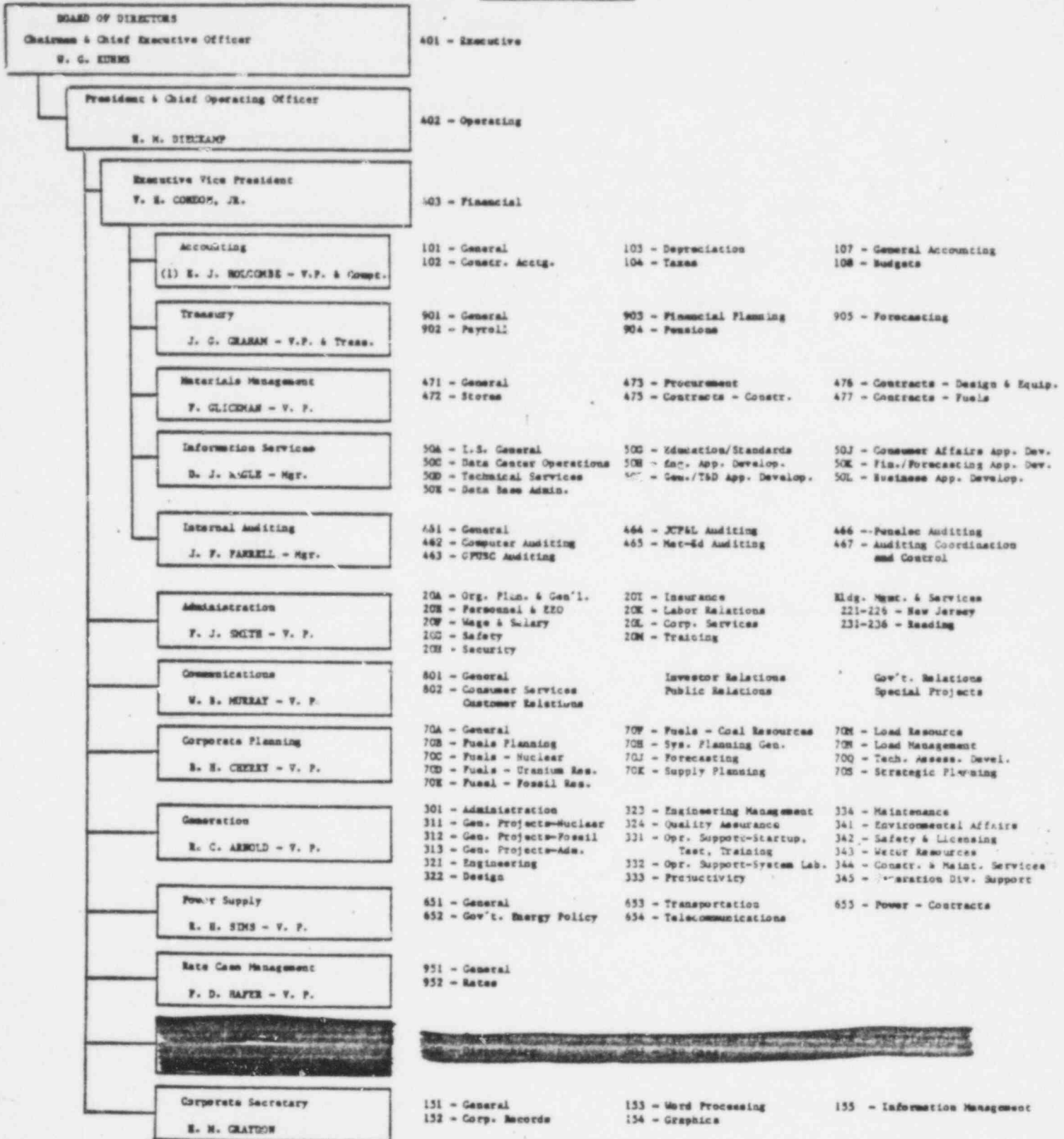
EDUCATIONAL BACKGROUND

B.I.E. - Ohio State University - 1942
Public Utility Executive Program - University of Michigan - 1956
Utility Managers Program - Livingston Institute, Columbia University - 1959

EXPERIENCE

GPUSC - Vice President - Power Supply	1/1/75 - Present
- Vice President - Operations	4/30/71 - 12/31/74
NJP&L)- Vice President	5/1/65 - 11/30/74
&)- Superintendent of Operations	1/1/60 - 4/30/65
JCP&L)- Superintendent-Transmission & Meters	5/1/59 - 12/31/59
)- Ass't Superintendent-Transmission & Meters	6/1/58 - 4/30/59
JCP&L - Division Manager	1/1/57 - 5/31/58
- Division Superintendent	10/16/54 - 12/31/56
- Ass't General Supt. Trans. & Distr.	11/1/51 - 10/15/54
- Technical Assistant to Vice President	9/1/50 - 10/31/51
- Assistant Engineer	3/1/48 - 8/31/50
AT&T - Induction Coordinator Engineer	7/46 - 2/48
US	
Army - Crpt. Signal Corp.	11/42 - 5/46
AT&T - Student Engineer	7/42 - 11/42

**CPW SERVICE CORPORATION
ORGANIZATION**



NOTE: (1) V.P. and Comptroller also reports directly to Board of Directors.

593 111
POOR ORIGINAL

EDMUND NEWTON JR. - Vice President - System Operations

This position is accountable for insuring delivery of power to the System customers in a continuous, economic and efficient manner through effective operation of the bulk power supply facilities of the System. A part of this accountability is to coordinate the maintenance of the generation and transmission equipment to insure the availability of adequate equipment at all times; it is further accountable for the economic dispatch of the available equipment and the management and monitoring of the transmission and distribution facilities for the entire system in order to achieve that end.

This position is accountable for the following end results:

1. Meeting the power needs of GPU's customers efficiently and at lowest cost through load dispatch and interchange transfers.
2. Effective and efficient operation of the transmission and distribution systems of the operating companies through planning, monitoring, and coordination.
3. Ensure that sufficient generating capacity is available at all times while maintenance is performed through effective scheduling of maintenance of major power supply equipment.
4. A motivated and competent staff through selecting, directing, and developing personnel.
5. An informed top management through effective and timely communication.

EDUCATIONAL BACKGROUND

B Electrical Engineering - Clemson University - 1952

ScM - MIT - 1954

EXPERIENCE

GPUSC	- Vice President - System Operations	8-1-77 - Present
"	- Vice President - Planning & Economics	4-1-73 - 7-31-77
"	- Manager - Contracts & Rates	5-1-71 - 3-31-73
MetEd	- Manager - GPU Contracts & Rates	1-19-71 - 4-30-71
"	- Manager - Contracts & Rates	6-1-68 - 1-18-71
"	- Staff Engineer	5-1-62 - 5-31-68
"	- Project Engineer	6-1-55 - 4-30-62
"	- Electrical Engineer Cadet	8-2-54 - 5-31-55
MIT	- Teaching Assistant	9-15-52 - 6-15-54

POSITION DESCRIPTIONS AND PERSONNEL
BACKGROUNDS OF THE PRESIDENT AND
VICE-PRESIDENT-GENERATION OF METROPOLITAN
EDISON COMPANY AND PENNSYLVANIA ELECTRIC
COMPANY

This position manages all operational aspects of Penelec by directing and coordinating engineering, generating, and operating functions, as well as determining overall policies for personnel, industrial relations, and purchasing.

This position is accountable for the following end results:

1. Contribute to the profitability of Penelec through the effective management of engineering, operations and generating functions.
2. Ensure effective and timely delivery of service to Penelec's customers by monitoring group performance and guiding the development and implementation of new and improved systems.
3. Develop and maintain an effective organizational structure which deploys managerial, professional and other personnel effectively to meet the Company's needs.
4. Provide competent and motivated staff by directing its selection and development to meet current and ongoing commitments, and by ensuring the orderly development of management succession.
5. Develop effective management reporting systems to provide accurate and timely information for critical decisions and to measure progress and results.
6. Ensure effective personnel and industrial relations policies by directing and coordinating that function.
7. Provide effective purchasing and general services by capable management of the staff.
8. Contribute to corporate policy and strategy by counseling with top company executives concerning external and internal influences and overall capabilities of GPU.

Educational Background

Massachusetts Institute of Technology, B.S. ME, 1947

Licensed Professional Engineer in Massachusetts, New Jersey and Pennsylvania

Experience

- 6/77 to Present - President (Penelec)
12/74 to 6/77 - Vice President Generation (GPUSC)
5/71 to 12/74 - Vice President, Design & Construction (GPUSC)
10/69 to 5/71 - Special assignment from Penelec assuming responsibilities during the organization of GPUSC.

This position directs the engineering, operation and maintenance of Penelec's nuclear and fossil fuel power plants.

This position is accountable for the following end results:

1. Safe, efficient and timely power generation through the effective management of generating plant operations.
2. Efficient and continuous operation of the company's power plants through the economical and timely maintenance of equipment and facilities.
3. Timely and economical design and construction of additions to existing generating facilities through effective planning, scheduling, and management of personnel and resources.
4. Compliance with federal and state regulatory requirements and minimized detrimental effects on the environment through effective management of quality assurance and licensing efforts.
5. Competent and motivated staff by directing its selection and development to meet current and ongoing commitments.
6. An informed top management through timely and effective communication.

Educational Background

B.S. ME
PE License

WALTER M. CREITZ - PRESIDENT

This position manages all operational aspects of Metropolitan Edison by directing and coordinating engineering, generating, and operating functions, as well as determining overall policies for personnel, industrial relations, and purchasing.

This position is accountable for the following end results:

1. Contribute to the PROFITABILITY OF MET-ED through the effective management of engineering, operations and generating functions.
2. Ensure EFFECTIVE AND TIMELY DELIVERY OF SERVICE TO MET-ED's CUSTOMERS by monitoring group performance and guiding the development and implementation of new and improved systems.
3. Develop and maintain an EFFECTIVE ORGANIZATIONAL STRUCTURE which deploys managerial, professional and other personnel effectively to meet the Company's needs.
4. Provide COMPETENT AND MOTIVATED STAFF by directing its selection and development to meet current and ongoing commitments, and by ensuring the orderly development of management succession.
5. Develop EFFECTIVE MANAGEMENT REPORTING SYSTEMS to provide accurate and timely information for critical decisions and to measure progress and results.
6. Ensure EFFECTIVE PERSONNEL AND INDUSTRIAL RELATIONS POLICIES by directing and coordinating that function.
7. Provide EFFECTIVE PURCHASING AND GENERAL SERVICES by capable management of the Staff.
8. Contribute to corporate policy and strategy by counseling with top company executives concerning external and internal influences and overall capabilities of GPU.

Educational Background

Lehigh University, B.S. EE, 1948

University of Michigan - Public Utility Executive Program - 1960

Licensed Professional Engineer - PA - 1952

Experience

1/72 to Present - President
7/71 to 1/72 - Vice President and Chief Engineer
3/69 to 7/71 - Vice President and Manager Western Division
2/68 to 3/69 - Manager Western Division
8/62 to 2/68 - Operating Superintendent, Western Division
2/56 to 8/62 - System Distribution Engineer, Corporate
8/48 to 2/56 - Electrical Engineer, Central and Corporate

593 116

JOHN G. HERBEIN - VICE PRESIDENT - GENERATION

This position directs the engineering, operation and maintenance of Metropolitan Edison Company's nuclear and fossil fuel power plants.

This position is accountable for the following end results:

1. Safe, efficient and timely power generation through the effective management of generating plant operations.
2. Efficient and continuous operation of the company's power plants through the economical and timely maintenance of equipment and facilities.
3. Timely and economical design and construction of additions to existing generating facilities through effective planning, scheduling, and management of personnel and resources.
4. Compliance with federal and state regulatory requirements and minimized detrimental effects on the environment through effective management of quality assurance and licensing efforts.
5. Competent and motivated staff by directing its selection and development to meet current and on-going commitments.
6. An informed top management through timely and effective communication.

Educational Background

U. S. Naval Academy, B.S. Marine Engineering - 1960
U. S. Navy Anti-Submarine Warfare School - 1961
U. S. Naval Destroyer School - 1962
U. S. Navy Nuclear Power School, KAPL - 1965, Qualified D1G Prototype as
Engineer Officer of the Watch
NUS Core Physics - 1969
G. E. and E & W Technical Schools while at TMI 1970 - 1975
Senior Reactor Operator License - Saxton Power Reactor 6/17/68, renewed 1970
Senior Reactor Operator License - TMI Unit No. 1 2/23/74

Experience

5/77 to present - Vice President - Generation
9/76 to 5/77 - Manager - Generation Operations
6/75 to 9/76 - Manager - Generation Operations Nuclear - Responsible to V.P.
Generation for day-to-day direction and supervision of TMI operations.
1/74 to 6/75 - Superintendent - Nuclear Generating Station (Construction project
to operating plant)
1/73 to 1/74 - Assistant Superintendent TMI
8/70 to 12/72 - Station Engineer at TMI - Responsible for instrument, electrical,
mechanical, nuclear, health physics & chemistry, site engineering
and technical supervision.

Experience (Continued)

- 5/70 to 8/70 - Supervisor of reactor plant services at Saxton Nuclear
Experimental Corporation
- 8/68 to 5/70 - Supervisor Operations and test at Saxton
- 9/67 to 8/68 - Staff Engineer at Saxton
- 5/67 to 9/67 - Yankee Atomic as Assistant to Operations Supervisor
- 1960 to 5/67 - Served 6 years on conventional destroyers in various capacities
including Chief Engineer. (One year at KAPL.)

593 118

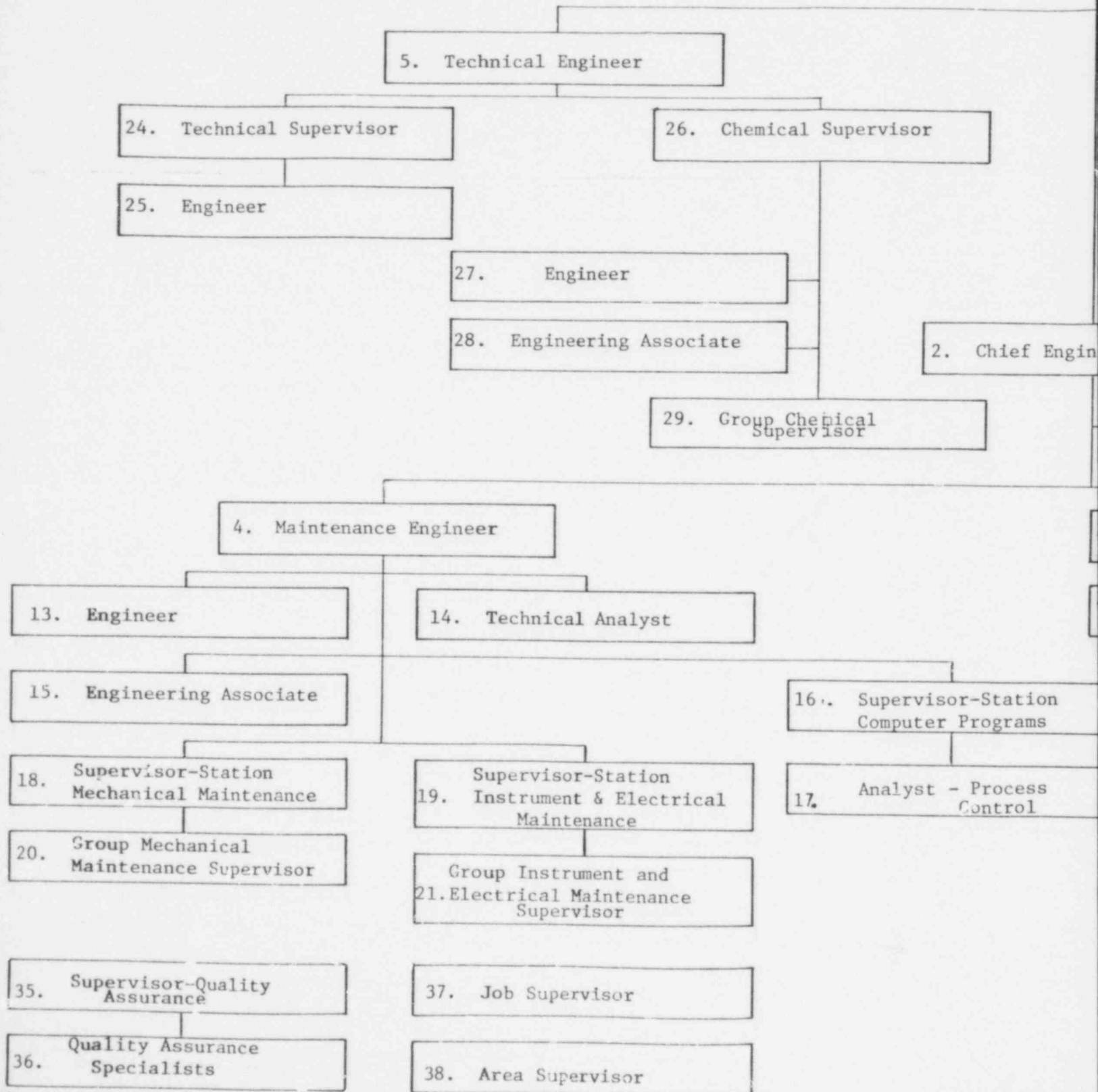
OYSTER CREEK PLANT STAFF

593 119

OYSTER CREEK NUCLEAR GENERATING STATION

ORGANIZATIONAL CHART

1 Superintend



ent

22. Engineering Assistant

40. Fire Protection Specialist

30. Supervisor Radiation Protection

33. Engineering Associate

31. Health Physicist

34. Group Supervisor General Construction and Maintenance

32. Group Radiation Protection Supervisor

eer

23. Engineering Associate

11. Senior Administrator Technical Training

12. Administrator - Technical Training

3. Operations Engineer

6. Staff Engineer

8. Supervisor-Station Operations

7. Engineer

9. Group Shift Supervisor

10. Group Operating Supervisors

42. Safety Representative

41. Supervisor-Stores

39. Group Supervisor Construction

PLANT STAFF POSITIONS

1. Superintendent - J. T. Carroll, Jr.

The Station Superintendent is responsible for the safe, reliable and efficient operation of the Oyster Creek Nuclear Generating Station. He is responsible for managing station operations in a manner that will not endanger the health and safety of the public.

2. Chief Engineer - J. L. Sullivan

This position is accountable for the administration of the Operation, Maintenance and Training Departments and effective coordination of related work efforts to ensure that all activities are conducted in a safe and efficient manner in order that maximum station capability, consistent with license requirements, may be attained.

3. Operations Engineer - E. J. Gowney

This position is accountable for the administration and proper functioning of the Operations Department, directing the activities of the operations Supervisor and the Operations Department Engineering Group and for ensuring that all plant operations are conducted in a safe and efficient manner.

4. Maintenance Engineer - J. R. Molnar

This position is accountable for the administration and proper functioning of the Maintenance Department, directing the activities of subordinates and for ensuring that all maintenance activities are conducted in a safe and efficient manner to promote maximum station availability.

5. Technical Engineer - K. O. E. Fickeissen

This position is accountable for supervising station technical personnel involved in fuel management, radiological health and safety, chemistry and the engineering of plant modifications, changes and special test procedures. He has frequent contacts with consultants, State of New Jersey, and Federal Agencies regarding site environmental matters.

593 122

OPERATIONS

6. Staff Engineer - T. E. Quintenz

This position is accountable for assisting the Operations Engineer in administering the policies of the operations department and for coordinating the activities of the department's engineering personnel.

7. Engineer - J. E. Edelhauser C. Lefler R. McNair P. Cervanka

This position is accountable for assisting the Operations Engineer in administering the policies of the Operations Department and the planning, coordination, and completion of projects associated with Nuclear Power Plant Operations as designated by the Operations Engineer.

8. Supervisor - Stations Operations - J. R. Maloney

This position is accountable for supervising the operation, coordinating all functions that affect plant operations and training of all operating personnel to insure the efficient operations of the nuclear generating station within the scope of the plant license.

9. Group Shift Supervisor - R. McKeon B. J. Cooper R. Van Brakle J. R. Young H. Callahan G. Hicks

This position is accountable for controlling the nuclear plant operations during assigned shifts by directing the work of others in operating the plant safely and economically.

10. Group Operating Supervisor - D. VanBlarcom C. Silvers R. Wenz N. Howey N. Boulware

This position is accountable for assisting the Group Shift Supervisor in controlling the nuclear plant operations during assigned shifts by directing the work of others in operating the plant safely and economically.

11. Senior Administrator - Generation Technical Training - W. Stewart

This position is accountable for administering, planning, organizing, coordinating, initiating, conducting and documenting various technical training programs at Oyster Creek as well as purchasing hardware, software and consumables required for the conduct of these training programs. The position is also accountable for administering the Station Document Control Center.

12. Administrator - Generation Technical Training - R. Barrett
D. Fawcett

This position is accountable for assisting in the administering, planning, organizing, coordinating, initiating, conducting and documenting of various technical training programs at Oyster Creek, to include the purchasing and maintenance of hardware, software and consumables required for the conduct of these training programs.

13. Engineer - D. Jones
M. Budaj
G. Hinrich
R. Lang
R. Smith

This position is accountable for assisting the Maintenance Engineer in administering the policies of the maintenance department and the planning, coordination, and completion of projects associated with nuclear power plant maintenance as designated by the Maintenance Engineer.

14. Technical Analyst - E. Roessler

This position is accountable for assisting the Station Instrument and Electrical Maintenance Supervisor in the performance of his duties. This position is also accountable for reviewing trends and maintenance histories of various electrical and instrument components.

15. Engineering Associate - K. Eichenlaub

This position is accountable for the coordination, planning and completion of projects associated with nuclear power plant maintenance as designated by the Maintenance Engineer-Nuclear.

16. Supervisor - Station Computer Programs - W. Pelenski

This position is accountable for the coordination, planning, and completion of projects associated with plant computer requirements.

17. Analyst Process Control - E. I. Riggle

This position is accountable for analysing and interfacing the computer uses with plant functions. This position also assists in analyzing the present instrumentation and control systems for improvement and reliability.

18. Supervisor - Station Mechanical Maintenance - F. H. Kossatz

This position is accountable for supervising the mechanical maintenance and repair of all stations equipment, buildings and grounds as well as implementing applicable portions of the Jersey Central Power & Light Company Operational Quality Assurance Plan.

19. Supervisor - Station Inst. and Electrical Maintenance - T. Johnson

This position is accountable for supervising the instrument and electrical maintenance and repair of all station equipment, buildings and grounds; for supervising calibration facility operations; for ensuring the related maintenance and inspection records are prepared, reviewed and updated; and for implementing applicable portions of the JCP&L Operational Quality Assurance Plan.

20. Group Supervisor - Mechanical Maintenance - D. Jenkinson
F. Anderson
K. Bellscheidt

This position is accountable for directing a maintenance crew in repairing, replacing and maintaining equipment - nuclear, grounds and building in good physical condition to assure continual, efficient and economical nuclear plant operation.

21. Group Supervisor - Instrument & Electrical Maintenance - T. Gaffney
D. LeRoy

This position is accountable for the maintenance of all electrical equipment, reactor protection equipment and the substation equipment at Oyster Creek Nuclear Generating Station.

22. Engineering Assistant - R. A. Parshall

This position is accountable for the coordination, surveillance and completion of administrative projects associated with the nuclear power plant as designated by the Station Superintendent.

23. Engineering Associate - R. Baran

This position is accountable for the coordination and surveillance of PORC activities and acts as an assistant to the Chief Engineer.

24. Technical Supervisor - A. H. Rone

This position is accountable for the proper implementation of fuel management principles to assure safe and efficient operation and maintenance of the nuclear fuel within the limits of the plant license and fuel manufacturer's warranty. This position is also responsible for preparing reports and performing various tests as required by the Technical Specifications.

25. Engineer - R. Shaw
M. Atkins
F. Saksa
J. Spadaro
R. Thompson

This position provides technical expertise in the areas of core nucleonics, chemistry control, radiological engineering, environmental monitoring, etc. Engineers in this group provide and interface between generation engineering and plant operations so that modifications, changes and tests are performed in an efficient manner accounting for both engineering as well as operational concerns.

26. Chemical Supervisor - J. R. Pelrine

This position is accountable for supervising the Oyster Creek plant chemistry and environmental monitoring programs.

27. Engineer - R. B. Somers
R. Stoudnour

This position is accountable for the planning, coordination and completion of projects associated with nuclear power plant chemistry and environmental monitoring programs as designated by the Chemical Supervisor.

28. Engineering Associate - D. R. Weigle

This position is accountable for the coordination, planning and completion of projects associated with nuclear power plant chemistry and environmental monitoring programs as designated by the Chemical Supervisor.

593 126

29. Group Supervisor - Chemical - C. B. Konta

This position is accountable for supervising the activities involved in sampling, analyzing and providing water treatment of the reactor and auxiliary systems to insure operations within prescribed limits.

30. Supervisor - Radiation Protection - _____

This position is accountable for administering and maintaining a Health Physics Program to ensure implementation and observance of radiological control procedures for personnel radiation safety, for compliance with state and federal regulatory agencies, and for assurance of the required personnel responses to emergency situations.

31. Health Physicist - L. Smialek

This position is accountable for supervising the Group Radiation Protection Supervisors to ensure implementation of radiological procedures and compliance with state and federal regulatory agencies.

32. Group Supervisor - Radiation Protection - D. Kaulback
D. Arbach
J. Cook
M. Oberstaedt

This program is accountable for supervising the activities involved in ensuring proper radiological control for personnel safety and coordinating compliance with the applicable federal and state regulations concerning radiological control and reporting requirements.

33. Engineering Associate - R. A. Heffner

This position is accountable for assisting in the planning, administration, coordination and personnel training as well as for the improvement of the Oyster Creek Health Physics Program.

34. Group Supervisor - General Construction & Mtce. - W. J. Spoulos

This position is accountable for supervising the activities involved in maintaining the plant clean and orderly, preparation, packing, and shipping of all radioactive waste from the station and for training of personnel in the use of and the operation of equipment such as conveyors, hoists, cranes, fork lifts, etc.

35. Supervisor - Quality Assurance - R. Dube

This position is accountable for establishing and maintaining an effective and efficient Quality Assurance Inspection and Examination Program at Nuclear Generating Stations as well as assisting in the development, establishment and maintenance of an effective and efficient total Quality Assurance Program for the Jersey Central Power & Light Company. This position reports to the Manager of Quality Assurance who is located offsite.

36. Quality Assurance Specialist - L. Drummond

W. Deck
S. Fuller
R. Tilton
M. Goldie
T. Dunn
D. Robillard

This position is accountable for evaluating the adequacy of specific programs used to train and test inspection, examination and test personnel as well as reviewing and approving inspection, examination and testing procedures and evaluating the activities to accomplish the inspection, examination and test objectives.

37. Job Supervisor - S. Przyblski
T. Spence

This position is accountable for supervising crews performing specific outage related jobs or modifications. This position reports to the Superintendent of project services who is located offsite.

38. Outage Area Supervisor - D. Holland

This position is accountable for the planning, scheduling, and coordination of outage activities. This position reports to the Superintendent of project services who is located offsite.

39. Group Supervisor Construction - R. Keating

This position is accountable for supervising the maintenance crew concerning plant improvements and modifications undertaken at the station. This position reports to the Supervisor Construction Craft who is located offsite.

593 128

40. Fire Protection Specialist - R. Durina

This position is responsible for the administration of the fire protection program which includes periodic inspections to assure the availability and acceptability of fire protection systems and equipment, assisting in the training of the fire brigade and other personnel, and assuring that the objectives of the fire protection program are achieved.

41. Supervisor - Generation Stores - Nuclear - D. Keith

This position is accountable for the efficient planning, organizing, and administering of a storeroom in a nuclear generating station. This position reports to the Supervisor of Area Stores who is located offsite.

42. Safety Representative - A. Jackson

This position is accountable for the OSHA related safe working conditions and safe working practices at the Oyster Creek site. This position reports to the Safety Director of Generation who is located off-site.

J. T. CARROLL, JR.

A. EDUCATIONAL BACKGROUND

Ocean County College - 1970-1971
ICS Course, Power Plant Engineering 1960-1962
Saxton Training Program - 10 MONTHS
G. E. San Jose Training and Humbolt Bay Training - 6 Weeks
Oyster Creek Pre Operational Site Training - 135 Hrs.

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

13 Years Nuclear Power Plant Operations

B. Westinghouse - PWR

1 Year Nuclear Power Plant Operations

2. OTHER

A. 17 Years - Fossil Power Plant Operations

B. NRC Senior Reactor Operator License - OC

593 130

J.L. SULLIVAN, JR.

A. EDUCATIONAL BACKGROUND

B.S.M.E. - Newark College of Engineering-1965
ASME Course - Nuclear Engineering
General Electric Course - Station Nuclear Engineering-1970-10 weeks

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - B.W.R.

6 years power plant operations
1 year plant chemistry & radiochemistry
1 year health physics
2 years nuclear fuels-core management
.5 year maintenance engineering

2. OTHER

A. .5 year maintenance engineering-fossil power plant
3 years operations-fossil power plant

B. NRC Senior Reactor Operator License- OC-(1975-Present)

593 131

E. GROWNEY

A. EDUCATIONAL BACKGROUND

B.S.M.E. - Stevens Institute of Technology - 1966
Introduction to Nuclear Engineering - 1969 - University of
Michigan - 1 month
G. E. Nuclear Engineering Training- 1970 - 10 weeks
25 credits toward M.S.M.E. at Stevens Institute of Technology

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR
3.8 years Nuclear Power Plant Operations
2 years Nuclear Engineering
2 Years Thermal-Hydraulic Engineering
1 year Plant Chemistry & Radiochemistry
1 year Nuclear Fuels

2. OTHER

A. 3.2 Years Fossil Plant Operations
B. NRC Senior Reactor Operator License - O.C. - (1977-Present)

J. MOLNAR

A. EDUCATIONAL BACKGROUND

BA - Mathematics Rutgers University
MS - Mathematics (20 credits toward) Stevens Institute of Technology
Operator Training Program Saxton Nuclear Experimental Corp.

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - B.W.R.

6 years Power Plant Operations
4 years Maintenance Engineering
3 years Training (Operator Licensing & Requalification)

B. Westinghouse - P.W.R.

1 year Power Plant Operations

2. OTHER

A. 7 years Power Plant Operation - Fossil Power Plant
B. NRC Reactor Operators License - O.C.
NRC Senior Reactor Operators License-O.C.- (1973-Present)

593 133

K. FICKEISSEN

A. EDUCATIONAL BACKGROUND

B.S.M.E. Drexel University
U.S. Navy - Electronics Technician School
U.S. Navy - Nuclear Power School Training

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - B.W.R

4.5 years Power Plant Operations
1 year Nuclear Engineering
1 year Plant Chemistry & Radiochemistry
2 years Nuclear Fuel Management
.5 year Maintenance Engineering

B. General Electric - S3G

.5 years Power Plant Operations

C. Westinghouse S5W

3.75 Power Plant Operations

2. OTHER

A. NRC Senior Reactor Operator License - O.C. - (April 1978 - Present)

J. EDELHAUSER

A. EDUCATIONAL BACKGROUND

B.S.E.E. Northeastern University
M.S.E.E. Northeastern University

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - B.W.R.

6 years Power Plant Operations
1 year Electrical Engineering

2. OTHER

A. NRC Reactor Operator License - OC - (1978-Present)

C. LEFLER

A. EDUCATIONAL BACKGROUND

B.S.M.E. - University of Rhode Island - 1973
12 Credits Toward M.S.M.E.

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

3 Years As Startup and Test Engineer for Offgas Building
and new Radwaste

B. Newport News Shipbuilding

3 1/2 Years as Materials Engineer in Atomic Power Division

593 136

B. McNAIR

A. EDUCATIONAL BACKGROUND

B.S. Nuclear Science & Engineering - SUNY Maritime College
M.B.A. Monmouth College (12/79)

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - B.W.R

3 years Power Plant Operations

2. OTHER

A. 1 year Power Plant Operations - Fossil Power Plant

P. CERVENKA

A. EDUCATIONAL BACKGROUND

B. S. Nuclear Science-State University of New York Maritime College

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - B.W.R.

1 year Power Plant Operations

.5 year Equipment and Component Inspection

2. OTHER

A. 1.5 years Equipment and Component Inspection - Fossil Power Plant

593 138

J. MALONEY

A. EDUCATIONAL BACKGROUND

2.5 years college - Electrical Engineering
Westinghouse PWR Training - Waltz Mills, PA.
G.E. BWR Training - San Jose, Calif.

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - B.W.R.

13 years Power Plant Operations

B. Westinghouse - P.W.R

6 years Power Plant Operations

2. OTHER

A. AEC Reactor Operator License - Saxton Reactor
NRC Senior Reactor Operator License - O.C. - (1969-Present)

593 139

R. McKEON

A. EDUCATIONAL BACKGROUND

B. S. in Applied Physics - Stockton State College
Fundamentals of Nuclear Technology - 8 Weeks
Physics for Reactor Operator Training - 1 Month
O.C. Onsite Systems Course - 1 Month
Supervisory Course - Rutgers - 1 Week

B. WORK EXPERIENCE

1. NUCLEAR

General Electric - BWR

12 Years Nuclear Power Plant Operations
2 Years as Startup and Test Supervisor for Offgas Building
and New Radwaste

2. OTHER

A. 7 Years Power Plant Operations - Fossil

B. NRC Senior Reactor Operator License - O.C. - (1970-Present)

B. COOPER

A. EDUCATIONAL BACKGROUND

High School Diploma
Technical Courses (Nuclear & electronics)
Management Courses

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - B.W.R.

13 years Power Plant Operations

B. Westinghouse - P.W.R.

1 year Power Plant Operations

2. OTHER

A. 11 Years Power Plant Operations - Fossil Power Plant

B. Certified on Saxton Reactor

NRC Senior Reactor Operator License - O.C. (1970-Present)

NRC Reactor Operator License-O.C. (1969-1970)

R. VAN BRAKLE

A. EDUCATIONAL BACKGROUND

High School Graduate 1955
Fundamentals of Nuclear Tech. - 1965 - Saxton
Theory Course for Reactor Operators - Saxton
Physics Course for Reactor Operators - 1966-OC
Systems Course - 1967-OC

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

13 Years Nuclear Power Plant Operations

B. Westinghouse - PWR - Saxton

1 Year Nuclear Power Plant Operations

2. OTHER

A. 5 Years Fossil Power Plant Operations

B. NRC Reactor Operator License (1969-1977)
NRC Senior Reactor Operator License (1977-Present)

J. YOUNG

A. EDUCATIONAL BACKGROUND

High School Graduate 1954
Fundamentals of Nuclear Technology - 1965-Saxton
Theory Course for Reactor Operators - Saxton
Physics Course for Reactor Operators - 1966-OC
Systems Course - 1967-OC

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

13 Years Nuclear Power Plant Operations

B. Westinghouse - PWR

1 Year Nuclear Power Plant Operations

2. OTHER

- A. NRC Reactor Operator License (1969-1974)
NRC Senior Reactor Operator License (1974-Present)

H. CALLAHAN

A. EDUCATIONAL BACKGROUND

3.5 years college - Physics
U. S. Navy - Nuclear Power School

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - B.W.R

9.5 years Power Plant Operations

B. Westinghouse - P.W.R.

5 years Power Plant Operations

2. OTHER

A. NRC Senior Reactor Operator License - O.C. - (1977-Present)

NRC Reactor Operator License - O.C. - (1970-1977)

593 144

G. HICKS

A. EDUCATION ROUND

High School Diploma
Various Technical & Management Courses

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - B.W.R

11 years Power Plant Operations

B. Westinghouse - P.W.R

1 year Power Plant Operations

2. OTHER

A. 9 years Power Plant Operations - Fossil Power Plant

B. NRC Senior Reactor Operator License - O.C. - (1974-Present)

D. VAN BLARCOM

A. EDUCATIONAL BACKGROUND

High School Graduate
Completed B.W.R Simulator Training Course

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

12 years Nuclear Power Plant Operations
2 Years Instrumentation & Controls Engineering

2. OTHER

A. NRC Senior Reactor Operator License - O.C. - (1978-Present)
NRC Reactor Operator License - O.C. - (1973-1978)

C. SILVERS

A. EDUCATIONAL BACKGROUND

High School Graduate
U. S. Navy Nuclear School
Supervisory Course - Rutgers - 1 Week
Ocean County College - 1 Year - Mathematics

B. WORK EXPERIENCE

1. NUCLEAR

- A. General Electric - BWR
8 Years Nuclear Power Plant Operations
- B. Westinghouse - PWR - Navy
6 Years Power Plant Operations -

2. OTHER

- A. NRC Reactor Operator License - O.C. - (1973-1978)
NRC Senior Reactor Operator License - O.C. - (1978-Present)

R. WENZ

A. EDUCATIONAL BACKGROUND

High School Graduate

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR
12 Years Nuclear Power Plant Operations

2. OTHER

A. 9 Years Fossil Power Plant Operations

B. NRC Senior Reactor Operators License - O.C. -(1977-Present)
NRC Reactor Operator License - OC (1971-1977)

N. HOWEY

A. EDUCATIONAL BACKGROUND

High School Graduate

Presently Enrolled at Stockton State College - 3 years

Completed

U. S. Nuclear Navy Power School

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

8 Years Nuclear Power Plant Operations

B. Westinghouse - PWR - Nuclear Navy

2 Years Nuclear Power Plant Operations

2 Years Plant Chemistry & Radiochemistry

2 Years Health Physics

2. OTHER

A. NRC Senior Reactor Operator License - O.C. - (1977-Present)

NRC Reactor Operator License - OC - (1973-1977)

N. BOULWARE

A. EDUCATIONAL BACKGROUND

High School Graduate
U. S. Nuclear Navy Power School
1 Year College

B. WORK EXPERIENCE

1. NUCLEAR

A. Westinghouse - P.W.R. - Nuclear Navy
3.5 Years Nuclear Power Plant Operations
3.5 Years Instrumentation and Controls Engineering

B. General Electric - B.W.R.
7 Years Nuclear Power Plant Operations

2. OTHER

A. NRC Senior Reactor Operator License - O.C. - (1978-Present)
NRC Reactor Operator License - OC - (1973-1978)

B. STEWART

A. EDUCATIONAL BACKGROUND

B. S. Civil Engineering - University of Kentucky - 1968
U. S. Nuclear Navy Power School - 1970

B. WORK EXPERIENCE

1. NUCLEAR

- A. Westinghouse - P.W.R. - Nuclear Navy
6 Years Power Plant Operations
- B. General Electric - B.W.R
3 Years - Training (Operator Licensing, and
Requalification)

2. OTHER

- A. NRC Senior Reactor Operator License - O.C. (1978-Present)

R. BARRETT

A. EDUCATIONAL BACKGROUND

B. A. - Stockton State College - 1975
M.B.A. Candidate - Fairleigh Dickenson University
U.S. Nuclear Navy Power School
Electronics Technician School - U.S. Navy

B. WORK EXPERIENCE

1. NUCLEAR

- A. Westinghouse - P.W.R - Nuclear Navy
3 1/2 Years Power Plant Operations
2 1/2 Years Instrumentation and Control Engineering
- B. General Electric - B.W.R.
6 Years Instrumentation and Control Engineering
3 1/2 Years Training (Operator Licensing and Requalification)
- C. General Atomic - Triga Mark F (Research)
2 1/2 Years Operations
1 Year Instrumentation and Control Engineering

2. OTHER

- A. NRC Senior Reactor Operator License - O.C. -(1978 - Present)
NRC Senior Reactor Operator License - ARIGA

D. FAWCETT

A. EDUCATIONAL BACKGROUND

B. S. in Applied Physics - Stockton State College - 1976
U. S. Navy - Nuclear Power School
Electronics Technician - A School - Navy

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

6 Years Power Plant Operations
.5 Year Training (Operator Licensing and Requalification)

B. Westinghouse - PWR - Navy

2 Years Power Plant Operations
2 Years Instrumentation and Control Engineering

2. OTHER

A. NRC Reactor Operator License - OC - (1973-Present)

D. JCNES

A. EDUCATIONAL BACKGROUND

B.S.E.E. - Electrical and Electronic - Fairleigh Dickenson - 1971
12 Credits Toward M.S.E.E.
G.E. Power Systems Coordination Course (Relays) - 1 Week
I.R.D. Mechanalysis (Advanced) - 1 Week
Biddle Test School for Hypoting - 1 Week
Westinghouse Computer School - 9 Weeks

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

1/2 year Mechanical Engineering
1/2 Year Maintenance Engineering
2 Years Electrical Engineering

2. OTHER

A. 1/2 Year Mechanical Engineering - Fossil Plant
1/2 Year Instrumentation and Control Engineering
Fossil Plant
1/2 Year Maintenance Engineering - Fossil Plant
1 1/2 Years Electrical Engineering - Fossil

M. BUDAJ

A. EDUCATIONAL BACKGROUND

B.S.E.E. - Rutgers University - 1974
Seminar - "Nuclear Fuel Management" - M.I.T. - 1976

B. WORK EXPERIENCE

1. NUCLEAR

- A. General Electric - BWR
4 Years Nuclear Fuels
- B. Westinghouse - PWR
1 Year Electrical Engineering

G. HINRICH

A. EDUCATIONAL BACKGROUND

B. S. in Nuclear Engineering - S.U.N.Y. Maritime College - 1975

B. WORK EXPERIENCE

1. NUCLEAR

- A. General Electric - BWR
 - 2 Years Nuclear Power Plant Operations
 - 1 Year Mechanical Engineering
 - 1/2 Year Maintenance Engineering
 - 1/2 Year Quality Assurance

R. LANG

A. EDUCATIONAL BACKGROUND

B.S.E.E. - Newark College of Engineering

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

1 Year Nuclear Power Plant Operations
4 Years Maintenance Engineering

2. OTHER

A. 1 Year Systems Engineering
1 Year Electrical Engineering
1 Year Cost Engineering

R. SMITH

A. EDUCATIONAL BACKGROUND

Bachelor of Engineering - N. Y. Maritime College

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - B.W.R
1 1/2 years Maintenance Engineering

2. OTHER

2 1/2 years Mechanical Engineering

E. ROESSLER

A. EDUCATIONAL BACKGROUND

B. A. in Business
U. S. Nuclear Navy Power School
U. S. Navy Transistor School
U. S. Navy Electronic School
Westinghouse Reactor Systems Design School

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR
12 Years Instrumentation and Control Engineering

B. Westinghouse - PWR
3 1/2 Years Power Plant Operations
3 1/2 Years Instrumentation & Control Engineering

K. EICHENLAUB

A. EDUCATIONAL BACKGROUND

Associate in Nuclear Engineering - 1975 - Penn State
Oyster Creek ITC Instrumentation Course

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

2 Years Nuclear Power Plant Operations
2 Years Maintenance Engineering

W. PELENSKI

A. EDUCATIONAL BACKGROUND

B.S.E.E. - Rutgers University - 1969

G.E. - I.T.T. - Microwave Training - 4 Weeks

Xerox - Sigma V Computer Training - 4 Weeks for Software, 15 weeks
for Hardware

Modcomp IV - Software Training - 4 weeks

Prime 400 - Software Training - 2 Weeks

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

1 Year Instrumentation and Control Engineering

1 Year Systems Engineering

2. OTHER

A. 8 Years Computer Systems Operations

E. RIGGLE

A. EDUCATIONAL BACKGROUND

High School Graduate

Electrical Engineering - 2 Years at Penn State University

Nuclear Orientation - Saxton - Provided by Westinghouse

Nuclear Instrumentation - Saxton- Provided by Westinghouse

Radiation Monitoring and Shielding Design Course - Penn State University

Design Technology and Nuclear Instrumentation for BWR's - General Electric

Computer Science Course - Ocean County College

Management Training Course - Rutgers University

B. WORK EXPERIENCE

1. NUCLEAR

1. General Electric - BWR

3 Years Mechanical Engineering

3 Years Instrumentation and Controls Engineering

1 1/2 Years Systems Engineering

3 Years Maintenance Engineering

3 Years Nuclear Power Plant Operations

2. Westinghouse - PWR - Saxton

3 Years Instrumentation and Control Engineering

3 Years Maintenance Engineering

2. OTHER

A. 7 Years Maintenance Engineering

3 Years Electrical Engineering

6 Years Power Plant Operations - Fossil

F. KOSSATZ

A. EDUCATIONAL BACKGROUND

High School Graduate

Nuclear Power Training Course - Saxton - 1 Week

Maintenance Training Course - Dresden Nuclear Power Plant - 2 Weeks

Various AWS Sponsored Courses in Welding, Metallurgy, and Materials

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

6 Years Mechanical Engineering

7 1/2 Years Maintenance Engineering

2. OTHER

A. 19 Years Maintenance Engineering - Fossil Plant

1 Year Operations - Fossil Plant

T. JOHNSON

A. EDUCATIONAL BACKGROUND

High School Graduate
U. S. Air Force Radar School
Westinghouse Protective Relay School
General Electric Instrument & Control Training (Pre-Startup)
General Electric Switchgear Training School
General Physics Instrument & Control School

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

6 Years Electrical Engineering
4 Years Instrumentation & Control Engineering
1 Year Maintenance Engineering

2. OTHER

A. 3 Years Electrical Engineering
5 Years Instrumentation & Controls Engineering

D. JENKINSON

A. EDUCATIONAL BACKGROUND

High School Graduate

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

3 Years Maintenance Engineering

2. OTHER

28 Year Fossil Plant Maintenance Engineering

K. BELLSCHIEDT

A. EDUCATIONAL BACKGROUND

High School Graduate
3 Years of Non Credit Technical Courses

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric BWR
6 Years Maintenance Engineering

2. OTHER

A. 20 Years Mechanical Engineering

T. GAFFNEY

A. EDUCATIONAL BACKGROUND

2 Years Electronic Institute of Eatontown
68 Credits Towards A.A.S. - Electronic Engineering Technology
at Ocean County College - Completion 1979

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

12 Years Instrumentation & Controls Engineering

593 167

D. LeROY

A. EDUCATIONAL BACKGROUND

High School Graduate

Solid State Course - G.E. - 1 Week

Motor Maintenance Course - G.E. - 1 Week

2 Years at Toms River Vocational School - Electronics

B. WORK EXPERIENCE

1. NJCLEAR

A. General Electric - BWR

10 Years Electrical Maintenance Engineering

2. OTHER

A. 15 Years as Instrument Test and Repair Technician

R.A. PARSHALL

A. EDUCATIONAL BACKGROUND

High School Graduate
U. S. Navy Nuclear Power School

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

2 Years Maintenance Engineering
3 1/2 Years Station Administration Functions

B. Westinghouse - PWR - Navy

5 Years Power Plant Operations
3 Years Instrumentation and Controls Engineering

C. Westinghouse - FWR - Saxton

2 1/2 Years Instrumentation and Controls Engineering

R. BARAN

A. EDUCATIONAL BACKGROUND

Associate Degree - Nuclear Engineering - Penn State
Associate Degree - Electrical Engineering - Penn State
U. S. Navy Nuclear Power School

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

4 Years Nuclear Power Plant Operations
2 Years Nuclear Engineering

B. Westinghouse - PWR

3 Years Nuclear Power Plant Operations
2 Years Nuclear Engineering

2. OTHER

A. Reactor Operator License - O. C. -(1978 - Present)

A. RONE

A. EDUCATIONAL BACKGROUND

B. S. Electrical Engineering

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

3 Years Nuclear Power Plant Operations

3 Years Nuclear Engineering

2 Years Systems Engineering

1 Year Maintenance Engineering

2. OTHER

A. NRC Senior Reactor Operator License

593 171

R. SHAW

A. EDUCATIONAL BACKGROUND

B.S. Nuclear Engineering - Rensselaer Inst.
M.S. Nuclear Engineering - Rensselaer Inst.

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

.5 Year Nuclear Engineering

B. Pool Type - Research Reactor

2.5 Years Health Physics

M. ATKINS

A. EDUCATIONAL BACKGROUND

B. S. in Nuclear Engineering - Penn State
Chemistry Credits at Shippensburg State College

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

.75 Year Nuclear Engineering
1.25 Year Plant Chemistry & Radiochemistry

593 173

F. SAKSA

A. EDUCATIONAL BACKGROUND

B. S. Nuclear Engineering - Rensselaer Inst.
Exxon Training Session on BWR Loading Pattern
NSC Training on Fuel Reliability Module

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

2.75 Years Nuclear Engineering

J. SPADARO

A. EDUCATIONAL BACKGROUND

B. S. in Nuclear Engineering - Penn State

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

.375 Year Nuclear Engineering

.375 Year Nuclear Fuels

R. THOMPSON

A. EDUCATIONAL BACKGROUND

B. S. in Nuclear Engineering - Penn State = 1977

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

1 Year Nuclear Engineering

1 Year Nuclear Fuels

B. Westinghouse - PWR

.5 Year Nuclear Engineering

J. PELRINE

A. EDUCATIONAL BACKGROUND

High School Graduate
Chemistry Major at Union College
Nuclear Reactor Technology Course Provided by G.E.
Various Courses at Rutgers University in Instrumental Analysis
and Computer Programming

B. WORK EXPERIENCE

i. NUCLEAR

A. General Electric - PWR

7 1/2 years Plant Chemistry and Radiochemistry

B. General Electric - BWR

7 1/2 Years Plant Chemistry and Radiochemistry
2 Years Power Plant Operations

C. AMF Research Reactor

5 Years Health Physics
6 Years Plant Chemistry and Radiochemistry

R. SOMERS

A. EDUCATIONAL BACKGROUND

B.S. in Chemistry/Natural Science - High Point College
M.S. in Environmental Science - Rutgers - With Major Area of
Study in Radiological Physics

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

1 Year Plant Chemistry & Radiochemistry
1 Year Maintenance Engineering
1 1/2 year Environmental Monitoring

R. STOUDNOUR

A. EDUCATIONAL BACKGROUND

B.S. in Chemistry - Penn State - 1964
G. E. Training for BWR's - 2 Weeks
Environmental Seminar - Georgia Tech - 1 Week

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

6 Years Chemistry and Radiochemistry
3 Years as Startup Engineer for Offgas Building and
new Radwaste Building

2. OTHER

A. 3 1/2 Years at GPU Central Lab in Chemistry
2 1/2 Years in Operations at Fossil Generating Station

593 179

D. WEIGLE

A. EDUCATIONAL BACKGROUND

Associate Degree in Electrical Engineering - Penn State
Associate Degree in Nuclear Engineering - Penn State

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

6 Years Plant Chemistry and Radiochemistry

C. KONTA

A. EDUCATIONAL BACKGROUND

High School Graduate
2 Years College Completed in Chemistry

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

9 Years Plant Chemistry and Radiochemistry
2 Years Health Physics

L. SMIALEK

A. EDUCATIONAL BACKGROUND

B. A. in Bio-Premed - Merrimack College - 1965
M.S. in Radiological Health Physics - Rutgers - 1969
(Needs Defense of Thesis for Ph.D from Rutgers)
Health Physics Traineeship - Brookhaven, N.L. - 1968
Reacts Program - Oak Ridge N.L. - 1976

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

1 Year Health Physics

2. OTHER

A. 3 Years Health Physics
5 Years Health Physics Teaching at M.S. Level.

D. KAULBACK

A. EDUCATIONAL BACKGROUND

Associate in Engineering from Wyomissing Polytechnic
General Electric Training for Oyster Creek
Startup - 4 months at San Jose California

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

13 Years Health Physics

B. Westinghouse - PWR

5.5 Years Health Physics

.5 Year Nuclear Engineering

2. OTHER

A. 7 Years Electrical Engineering

B. NRC Reactor Operators License at Saxton Nuclear
Experimental Corp.

D. ARBACH

A. EDUCATIONAL BACKGROUND

Rutgers University 1952-1954, 1956

R. A. Taft Engineering Center - "Occupational Radiation Protection" - 1964

Rutgers University "Radiological Monitoring"- 1966

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

5.5 Years Health Physics

B. GMW Research Reactor - AMF

3 Years Plant Chemistry and Radiochemistry

11.5 years Health Physics

J. COOK

A. EDUCATIONAL BACKGROUND

High School Graduate

3.5 Years College Completed - Presently Attending NUS Advanced
Technicians Training Course

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

13.5 Years Health Physics

2 Years Plant Chemistry and Radiochemistry

B. Westinghouse - PWR

2 Years Plant Chemistry and Radiochemistry

2. OTHER

A. 3 Years Civil Engineering - Non-Nuclear

1 Year Structural Engineering - Non-Nuclear

1 Year Electrical Engineering - Non-Nuclear

M. OBERSTARDT

A. EDUCATIONAL BACKGROUND

High School Graduate
Presently attending Brookdale Community College
N.U.S. Advanced Technician Training Course

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

8.5 Years Health Physics
.5 Years Plant Chemistry & Radiochemistry

W. SPOULOS

A. EDUCATIONAL BACKGROUND

High School Graduate
U. S. Navy Nuclear Power School

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

10 Years Nuclear Power Plant Operations

B. Westinghouse - PWR - Navy

8 Years Nuclear Power Plant Operations

C. Westinghouse - PWR - Saxton

4 Years Nuclear Power Plant Operations

2. OTHER

A. NRC Operators License - Saxton Test Reactor

R. DUBE

A. EDUCATIONAL BACKGROUND

High School Graduate
Technical School Graduate
College Credits in Management Courses and Business Administration

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

6 Years in Quality Assurance

B. 6 Years as Civilian in Nuclear Navy Program in Quality Assurance

2. OTHER

5 Years in Quality Assurance for U. S. Navy - Non-Nuclear

L. DRUMMOND

A. EDUCATIONAL BACKGROUND

High School Graduate
U. S. Navy Nuclear Power Program
Operational Q.A. Seminar - "Stat-A-Matrix"

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

6 Years Quality Assurance

B. Westinghouse - PWR - Navy

1 year Systems Engineering
3 Years Nuclear Power Plant Operations

A. RONE

A. EDUCATIONAL BACKGROUND

B. S. Electrical Engineering

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

3 Years Nuclear Power Plant Operations

3 Years Nuclear Engineering

2 Years Systems Engineering

1 Year Maintenance Engineering

2. OTHER

A. NRC Sneior Reactor Operator License

593 190

W. DECK

A. EDUCATIONAL BACKGROUND

High School Graduate

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

1 Year Quality Assurance

B. Westinghouse - PWR

3 Years Quality Assurance

C. Combustion Engineering - PWR

1 Year Quality Assurance

S. FULLER

A. EDUCATIONAL BACKGROUND

2 Years Chemical Engineering at University of Rhode Island
U. S. Navy Nuclear Power Program

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

5 Years Quality Assurance

B. Westinghouse - PWR - Navy

3 Years Maintenance Engineering

1 Year Plant Chemistry & Radiochemistry

2 Years Nuclear Plant Operations

R. TILTON

A. EDUCATIONAL BACKGROUND

High School Graduate
1 Year College - Business Administration

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

2.25 Years Quality Assurance

B. Westinghouse - PWR

1 Year Quality Assurance

593 193

M. GOLDIE

A. EDUCATIONAL BACKGROUND

Associate of Science in Mechanical Engineering-1975
Bettis Development Engineering Program - 1974
Mechanical Design Technology Technician Program - 1965

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

1 Year Quality Assurance
1 Year Mechanical Engineering

B. 2 Years Mechanical Engineering for General Dynamics
Electric Boat Division - Nuclear

2 Years in Quality Assurance for United Nuclear Corp.
4 Years in Mechanical Engineering for United Nuclear - Reactor
Design

2. OTHER

A. 1 Year Mechanical Engineering

T. DUNN

A. EDUCATIONAL BACKGROUND

High School Graduate
U. S. Navy Nuclear School

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

1 Year Quality Assurance

B. Westinghouse - PWR - Navy

6 Years Nuclear Power Plant Operations

593 125

D. ROBILLARD

A. EDUCATIONAL BACKGROUND

High School Graduate

U. S. Navy Nuclear Program

Electrical Technology - Morrisville Tech College - 1968-1969

Business Administration - Tompkins - Cortland Community College - 1969

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

1 year Quality Assurance

B. General Electric - PWR - Navy

6 1/2 Years Nuclear Power Plant Operations

S. PRZYBYLSKI

A. EDUCATIONAL BACKGROUND

High School Graduate
Technical Courses at Ocean County College

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

3 Years Quality Assurance
1 Year Mechanical Engineering
1 Year Maintenance Engineering

2. OTHER

A. 18 Years as Tool Maker & Machinist

T. SPENCE

A. EDUCATIONAL BACKGROUND

B.S. in Civil Engineering
Credits Toward M.B.A

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

1 Year Mechanical Engineering

2. OTHER

A. 4 Years Civil Engineering in Construction of Nuclear Power
Plants

D. HOLLAND

A. EDUCATIONAL BACKGROUND

B. S. in Nuclear Science - State University New York Maritime College

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

1.5 Year Maintenance Engineering

B. 5.5 Years as Test Engineer for General Dynamics Electric Boat
Division

593 199

R. KEATING

A. EDUCATIONAL BACKGROUND

High School Graduate

U. S. Air Force Electronics Training - 1260 Hrs.

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

10 Years Maintenance Engineering

595 200

R. DURINA

A. EDUCATIONAL BACKGROUND

High School Graduate

Credits in Fire Science Courses

Attended Various Seminars on Fire Protection and Prevention

B. WORK EXPERIENCE

1. 14 Years Drafting Technician - Non Nuclear

593 201

D. KEITH

A. EDUCATIONAL BACKGROUND

Associate Degree in Applied Science Mechanical Engineering Technology.
U. S. Navy Nuclear Program

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

2 Years Maintenance Engineering
1 Year Material Management

B. Combustion Engineering - PWR

1 Year Maintenance Engineering

C. Westinghouse - PWR - Navy

3 Years Operations
2 Years Plant Chemistry and Radiochemistry
2 Years Health Physics

593 202

A. JACKSON

A. EDUCATIONAL BACKGROUND

High School Graduate

B. WORK EXPERIENCE

1. NUCLEAR

A. General Electric - BWR

8 Years Maintenance Engineering

2 Years as Safety Representative for Oyster Creek

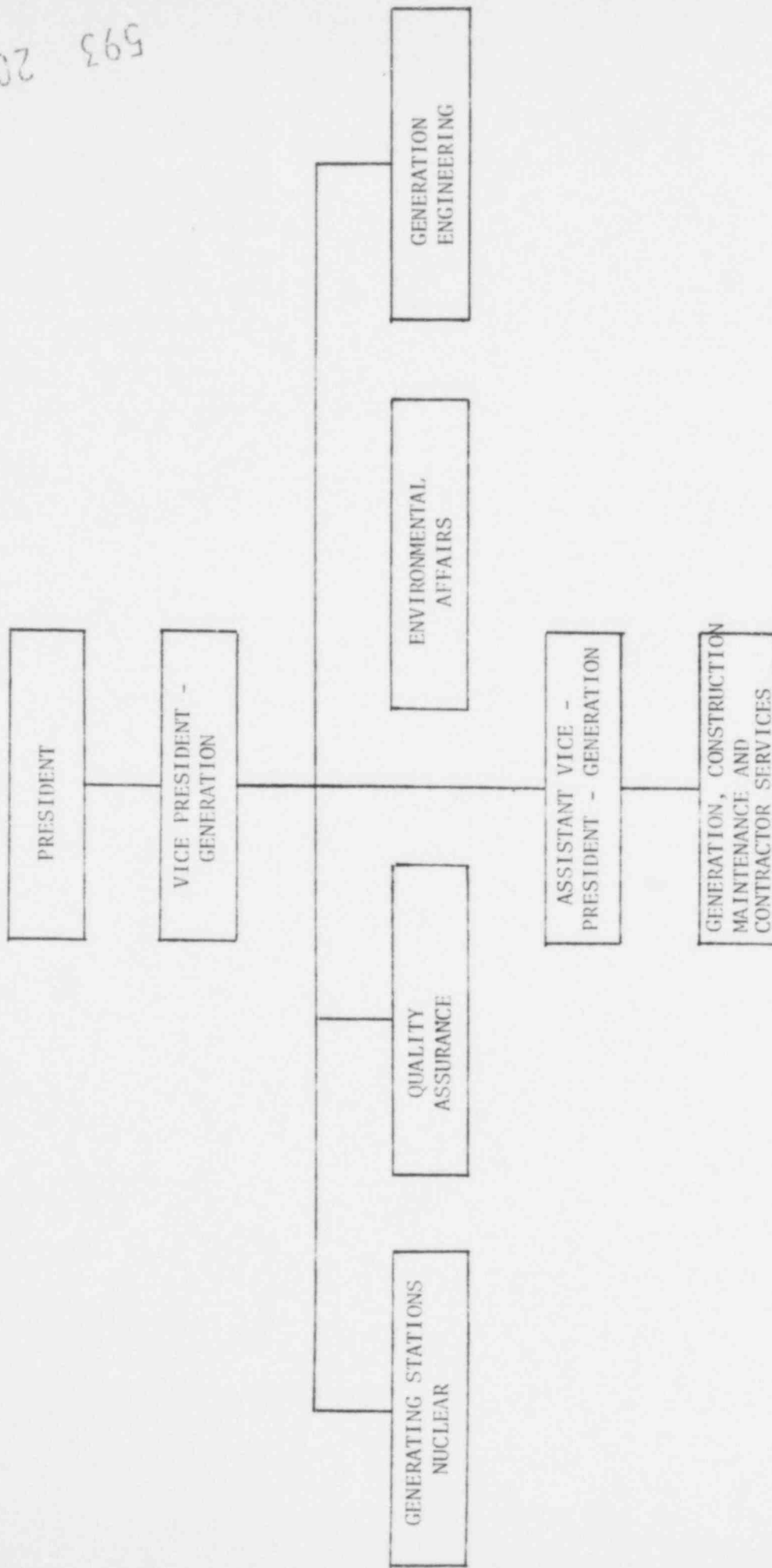
593 203

JERSEY CENTRAL POWER & LIGHT COMPANY
OFF-SITE TECHNICAL SUPPORT

593 204

J.C.P. & L. ORGANIZATIONAL CHART
SHOWING SUPPORT FUNCTIONS

593 205



GENERATION ENGINEERING

Generation Engineering is accountable for the development, direction; and coordination of engineering activities for the generating stations. This group establishes mechanical, electrical, and structural engineering standards for modifications, additions, and non-routine maintenance activities at all generating facilities.

1. <u>Total Number of Professionals</u>	24	
2. <u>By Educational Background:</u>		
B.S. Military Science		1
B.S. Engineering		2
B.S. Electrical Engineering		6
B.S. Mechanical Engineering		8
B.S. Aerospace Engineering		1
B.S. Physics		1
B.S. Mathematics		1
B.S. Commercial Industries		1
M.S. Engineering Management		2
M.S. Mechanical Engineering		2
M.S. Electrical Engineering		2
M.B.A. (Production Management)		1
3. <u>Technical Experience in Years</u>	<u>F</u>	<u>N</u>
A. Nuclear Power Plant Operations	20	-
B. Nuclear Engineering	5	-
C. Mechanical Engineering	33	15.5
D. Electrical Engineering	23.5	31
E. Thermal Hydraulic Engineering	1	-
F. Metallurgical Materials Engineering	1	7
G. Instrumentation and Controls Engineering	1	5
H. Systems Engineering	16	.5
I. Plant Chemistry & Radiochemistry	5	-
J. Health Physics	5	-
K. Maintenance Engineering	20	7
L. Project Engineering, Cost Engineering	3.5	21
M. Nuclear Safety & Licensing	6.5	-
N. Power Plant Operations - Fossil	-	8.5
	<u>TOTAL</u>	<u>140.5 95.5</u>
4. <u>Other</u>		
A. Five persons who attended U. S. Navy Nuclear Power School.		

593 206

ENVIRONMENTAL AFFAIRS

Environmental Affairs is composed of three separate groups; Environmental Licensing, Environmental Science and Monitoring, and Nuclear Safety and Licensing.

Environmental Licensing is accountable for organizing, engineering, and appraising all environmentally oriented projects. This includes environmental evaluations and impact statements for company directed projects during planning and construction; environmental investigations, evaluations, monitoring programs, and studies related to environmental problem areas of operating installations on a company wide basis.

Environmental Science and monitoring is accountable for directing all activities necessary for the design, organization, implementation; and administration of biological and scientific studies and monitoring programs at the generating sites and other company facilities that are required to respond to aqueous discharge permits, facility operating licenses, or Environmental Impact Statements.

Nuclear Safety and Licensing is accountable for directing the technical and administrative activities necessary to respond to the requirements of the Nuclear Regulatory Commission (NRC), to articulate Company positions to the NRC, to evaluate applicable federal regulations on nuclear energy and to prepare changes to the Operating License and Safety Analysis Report for the Company's nuclear facilities.

1. <u>Total Number of Professionals</u>	22
2. <u>By Educational Background</u>	
B. S. Engineering	2
B. S. Mechanical Engineering	3
B. S. Nuclear Engineering	1
B. S. Electrical Engineering	3
B. S. Physics	1
B. S. Environmental Resource Management	2
B. S. Environmental Engineering Technology	1
B. S. Chemical Engineering	1
B. S. Environmental Science	1
B. S. Marine Biology	1
B. S. Boilology/Earth Science	1
B. S. Biology	1
B. S. Biological Sciences	1
B. S. Geology	1
M. S. Nuclear Engineering	3
M. S. Radiological Health Physics	1
M. S. Ecology	1
M. S. Geology	1
Ph.D. Geology	1
Associate Degree Nuclear Engineering	1
Associate Degree Electrical Technology	1

593 207

ENVIRONMENTAL AFFAIRS (con't)

3. Technical Experience in Years:

	<u>F</u>	<u>N</u>
A. Nuclear Power Plant Operations	12.55	-
B. Nuclear Engineering	1	-
C. Mechanical Engineering	3.5	6.25
D. Structural Engineering	-	2
E. Electrical Engineering	-	31
F. Thermal Hydraulic Engineering	7.5	.5
G. Metallurgical Engineering	-	-
H. Instrumentation & Controls Engineering	-	4.5
I. Systems Engineering	1	6.75
J. Plant Chemistry and Radiochemistry	4	1.5
K. Health Physics	5.5	
L. Nuclear Fuels	.2	
M. Maintenance Engineering	4.5	4.75
N. Nuclear Safety & Licensing	28.95	-
O. Environmental Science	5	7
P. Environmental Monitoring		8
	<hr/>	<hr/>
TOTAL	73.7	72.25

4. Other

- A. 3 Persons who have attended U. S. Navy Nuclear Power School
- B. 1 Person who held an N.R.C. Senior Reactor Operator License at Oyster Creek (4/75-4/79)

GENERATION CONSTRUCTION, MAINTENANCE, AND
CONTRACTOR SERVICES

Generation Construction, Maintenance and Contractor Services is composed of two groups; Generation-Construction Maintenance and Generation-Maintenance Services.

Generation Construction Maintenance is accountable for providing project/outage management and supervision, planning and scheduling, and in house construction/renovation labor. This section also handles contractor services which may be required.

Generation Maintenance services is accountable for maintenance services in the areas of gas turbines, welding, maintenance programs, and mobile maintenance administration.

1. <u>Total Number of Professional Personnel:</u>		11
2. <u>By Educational Background:</u>		
B. S. Mathematical Engineering		1
B. S. Chemical Engineering		1
B. S. Electrical Engineering		1
B. S. Mechanical - Aeronautical Engineering		1
B. S. Mechanical Engineering		1
3. <u>Technical Experience in Years</u>	<u>F</u>	<u>N</u>
A. Nuclear Power Plant Operations	3	-
B. Mechanical Engineering	4	
C. Maintenance Engineering	26	104
D. Marine Power Engineering		4
E. Fossil Power Plant Operations		22
F. Plant Startup and Test Engineer	<u>1</u>	<u>4.5</u>
TOTAL	34	134.5

593 209

GENERATING STATIONS - NUCLEAR

This group is responsible for administering the nuclear generating program of the company within the framework of the GPU System requirements and in accordance with the provisions and limitations set forth in the licenses and permits of the jurisdictional agencies of Federal, State, and Local governments.

1. <u>Total Number of Professionals</u>		4	
2. <u>By Educational Background</u>			
B. S. Mechanical Engineering		1	
B. S. Electrical Engineering		1	
B. S. Engineering		1	
Associate Degree in Nuclear Engineering		1	
M.S. Nuclear Engineering		1	
3. <u>Technical Experience in Years</u>		<u>F</u>	<u>N</u>
A. Nuclear Power Plant Operations		24	
B. Nuclear Engineering		12	
C. Mechanical Engineering		1	
D. Structural Engineering			
E. Electrical Engineering		7	12
F. Thermal-Hydraulic Engineering		2	
G. Metallurgical Materials Engineering		2	
H. Instrumentation and Controls Engineering		12	
I. Nuclear Fuels		2	
J. Maintenance Engineering		<u>5</u>	<u> </u>
	Total	67	12
4. <u>Other</u>			
A. One person who held an S.R.O. from Penn State University - Reactor Research.			
B. One Person who has attended U. S. Navy Nuclear Power School.			

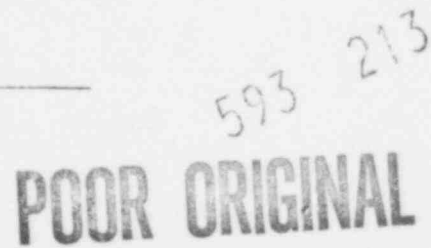
QUALITY ASSURANCE

Quality Assurance is accountable for ensuring the development, direction, coordination, and auditing of the Operational Quality Assurance Program. This program covers activities affecting quality including: operations, maintenance, repair, replacement, additions, modifications, refueling, engineering support, and procurement for nuclear generating stations; radioactive material packagings per 10 CFR 71; nuclear fire protection; and "R" stamp work at all stations.

1.	<u>Total Number of Professionals</u>		4
2.	<u>By Educational Background</u>		
	B. S. Nuclear Engineering		1
	B. S. Mechanical Engineering		2
	B. S. Aeronautical Engineering		1
3.	<u>Technical Experience in Years</u>	<u>F</u>	<u>N</u>
	A. Nuclear Power Plant Operations	4	-
	B. Mechanical Engineering		17
	C. Maintenance Engineering	2	2
	D. Quality Assurance	30.5	
	TOTAL	36.5	19
4.	<u>Other</u>		
	A. One person who attended U. S. Navy Nuclear Power School		

GPU SERVICE CORPORATION
CORPORATE TECHNICAL SUPPORT STAFF

593 212



CORPORATE PLANNING DIVISION

593 214

TITLE OF SUBUNIT - Corporate Planning Division

1. Total No. (Managers, Engineers and Professional Personnel) - 5

2. EDUCATION BACKGROUND

BS Nuc. Eng.	2
BS Civil Eng.	1
BS Mech. Eng.	2
MS Nuc. Eng.	2
M. Bus. Madmin.	1
MSME	2

LICENSES

E.I.T.	1
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3. TECHNICAL EXPERIENCE

(a.) Engineering

(1) Nuclear Power Field	35
(2) Engineering Mgmt.	7
(3) Total Utility Experience	22

(b.) Field

	F	N
(1) Reactor Physics		
(2) Electrical Engineering		
(3) Health Physics		
(4) Mechanical Engineering	8	
(5) Metallurgical and Materials		
(6) Instrumentation and Controls		
(7) Systems Engineering	10	
(8) Thermal-Hydraulic		
(9) Radiochemistry		
(10) Structural Engineering		
(11) Nuclear Fuels	14	3
(12) Maintenance Engineering		

(c.) Military Nuclear Experience

6

(d.) Other

7

593 216

GENERATION DIVISION

593 217

TITLE OF SUBUNIT - Gen. Sr. Consultant

1. Total No. (Managers, Engineers and Professional Personnel) - 1

2. EDUCATION BACKGROUND

BSME

MSME

LICENSES

3. TECHNICAL EXPERIENCE

(a.) Engineering

(1) Nuclear Power Field	27
(2) Engineering Mgmt.	13
(3) Total Utility Experience	11

(b.) Field

	F	N
(1) Reactor Physics		
(2) Electrical Engineering		
(3) Health Physics		
(4) Mechanical Engineering	27	
(5) Metallurgical and Materials		
(6) Instrumentation and Controls		
(7) Systems Engineering		
(8) Thermal-Hydraulic		
(9) Radiochemistry		
(10) Structural Engineering		
(11) Nuclear Fuels		
(12) Maintenance Engineering		

(c.) Military Nuclear Experience

(d.) Other

593 218

GENERATION DIVISION

PROJECTS

GPU SERVICE CORPORATION

PROJECTS GROUP

ACTIVITY DESCRIPTION

The Projects Department is a highly technical and management oriented department which acts for the Owner Operating Companies in all matters relating to the design and construction of new generating stations and assigned major plant modifications.

The Project Department directs project construction activities through the Project staff. The GPUSC project staff consists of a home office and a site organization to manage project control, logistic support, construction site management, environmental affairs and Operating Company liaison functions.

The home office organization provides the overall direction, coordination and control of project work, while the site organization provides the direction, coordination and control of the construction effort at the site. It is in this environment that the Project Department functions.

TITLE OF SUBUNIT - Generation Projects

1. Total No. (Managers, Engineers and Professional Personnel) - 15

2. EDUCATION BACKGROUND

BSME	6
BSCIV	2
BS Marine Eng.	2
BSBA	2
BSEE	2
BA Phys.	1
MSCIV	1
MSME	2
MSNE	1
MSMBA	1

LICENSES

PE	3
SRO (PWR)	1

3. TECHNICAL EXPERIENCE

(a.) Engineering

(1) Nuclear Power Field	168½
(2) Engineering Mgmt.	127½
(3) Total Utility Experience	181½

(b.) Field

	F	N
(1) Reactor Physics	11	
(2) Electrical Engineering		9
(3) Health Physics		
(4) Mechanical Engineering	67½	63
(5) Metallurgical and Materials		
(6) Instrumentation and Controls	21	4
(7) Systems Engineering	1	2
(8) Thermal-Hydraulic		
(9) Radiochemistry		
(10) Structural Engineering	11	8
(11) Nuclear Fuels		
(12) Maintenance Engineering	3	12

(c.) Military Nuclear Experience

(d.) Other

Construction

50

62

593 221

GENERATION DIVISION

GENERATION OPERATIONS

GPU SERVICE CORPORATION

GENERATION OPERATIONS GROUP

ACTIVITY DESCRIPTION

The primary function of the Generation Operations Group is to identify ways of improvement in operating reliability and productivity. This group also provides laboratory services to the Operating Companies as well as the Technical Functions and Projects Groups within the Service Corporation on a variety of chemical, chemical engineering, and metallurgical areas.

TITLE OF SUBUNIT - Generation Operations

1. Total No. (Managers, Engineers and Professional Personnel) - 16

2. EDUCATION BACKGROUND

BS - Met. Eng.	2	PHDNE	1
BS - Bio	1		
BSME	4		
BSEE	1		
BS - Chem.	5		
BA - Math	1		
MS - Material Sic.	2		
MSNE	1		
MS - Chem	2		
MBA	1		
<u>LICENSES</u>			

SRO (Training Reactor)

3. TECHNICAL EXPERIENCE

(a.) Engineering

(1) Nuclear Power Field	96
(2) Engineering Mgmt.	56
(3) Total Utility Experience	143

(b.) Field

	F	N
(1) Reactor Physics	10	
(2) Electrical Engineering		
(3) Health Physics	2	
(4) Mechanical Engineering	8	
(5) Metallurgical and Materials	51	10
(6) Instrumentation and Controls	27	3
(7) Systems Engineering	41	3
(8) Thermal-Hydraulic	4	
(9) Radiochemistry	32	
(10) Structural Engineering		
(11) Nuclear Fuels	4	
(12) Maintenance Engineering	31	5

(c.) Military Nuclear Experience

7

(d.) Other

GENERATION DIVISION

GENERATION OPERATION SUPPORT

TITLE OF SUBUNIT - Generation Operations Support

1. Total No. (Managers, Engineers and Professional Personnel) - 13

2. EDUCATION BACKGROUND

BSEE	1	MS Material Eng.	1
BS Chem.	7		
BS Biology	1		
BS Metallurgical Eng.	2		
BS Mech. Eng.	1		
BS Math/Gen. Eng.	1		
MS Nuc. Eng.	1		
MSEE	1		
MS Chem	2		
MS Material Science	1		
<u>LICENSES</u>			
PE	1		

3. TECHNICAL EXPERIENCE

(a.) Engineering

(1) Nuclear Power Field	54
(2) Engineering Mgmt.	10
(3) Total Utility Experience	102

(b.) Field

	F	N
(1) Reactor Physics	2	
(2) Electrical Engineering		3
(3) Health Physics	1	
(4) Mechanical Engineering	2	
(5) Metallurgical and Materials	17	14
(6) Instrumentation and Controls	3	
(7) Systems Engineering	2	2
(8) Thermal-Hydraulic	3	
(9) Radiochemistry	19	2
(10) Structural Engineering	10	
(11) Nuclear Fuels		
(12) Maintenance Engineering		

(c.) Military Nuclear Experience

(d.) Other

GPU SERVICE CORPORATION

CONSTRUCTION AND MAINTENANCE SERVICE DEPARTMENT

ACTIVITY DESCRIPTION

The responsibility of this department is for craft labor relations and coordination within the Generation functions for programs and efforts to measure, monitor, and improve labor productivity. This department interfaces with the Projects Group on current and projected power plant construction efforts.

TITLE OF SUBUNIT - Construction & Maintenance Service Department

1. Total No. (Managers, Engineers and Professional Personnel) - 4

2. EDUCATION BACKGROUND

BSME	3
BS Industrial Relations	1
MBA Mgmt.	1
MSME	1

LICENSES

Prof. Eng.	1
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3. TECHNICAL EXPERIENCE

(a.) Engineering

(1) Nuclear Power Field	15
(2) Engineering Mgmt.	17
(3) Total Utility Experience	33½

(b.) Field

	F	N
(1) Reactor Physics		
(2) Electrical Engineering		
(3) Health Physics		
(4) Mechanical Engineering	38	4
(5) Metallurgical and Materials		
(6) Instrumentation and Controls		
(7) Systems Engineering		
(8) Thermal-Hydraulic		
(9) Radiochemistry		
(10) Structural Engineering		
(11) Nuclear Fuels		
(12) Maintenance Engineering	2	2

(c.) Military Nuclear Experience

Newport News Atomic Pwr.	8½
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(d.) Other

13	3½
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GENERATION DIVISION

ENVIRONMENTAL AFFAIRS

593 230

GPU SERVICE CORPORATION

ENVIRONMENTAL AFFAIRS DEPARTMENT

ACTIVITY DESCRIPTION

The Environmental Affairs Department is responsible for the coordination from within the GPU System to ensure compliance for licenses, permits, and other regulations that are necessary for the continued expansion of generating plants throughout the System. This department is also responsible for the interpretation and implementation of regulatory requirements as they apply throughout the GPU System. This department consists of environmental, licensing, and water resources sections.

TITLE OF SUBUNIT - Environmental Affairs

1. Total No. (Managers, Engineers and Professional Personnel) - 10

2. EDUCATION BACKGROUND

AS Elect. Tech.	1	MS Chem. Engr.	1
AB - Hst/Chem	1	MS Enviro. Science	1
BS Chem Engr.	1	MS Health Physics	1
BS Mar. Eng.	1		
BS Ceramic Eng.	1		
ESEE	1		
BS Biochemistry	2		
BS Geology/Biology	1		
BS Bus. Admin.	1		
MA Air Pollution Cont.	1		
<u>LICENSES</u>			
US Navy RO	1		

3. TECHNICAL EXPERIENCE

(a.) Engineering

(1) Nuclear Power Field	60
(2) Engineering Mgmt.	26
(3) Total Utility Experience	47

(b.) Field

	F	M
(1) Reactor Physics		
(2) Electrical Engineering		3
(3) Health Physics	23	2
(4) Mechanical Engineering		
(5) Metallurgical and Materials		
(6) Instrumentation and Controls	5	
(7) Systems Engineering	8	
(8) Thermal-Hydraulic		
(9) Radiochemistry		
(10) Structural Engineering		
(11) Nuclear Fuels		
(12) Maintenance Engineering		

(c.) Military Nuclear Experience

8½

(d.) Other

36

18

593 232

GENERATION DIVISION

GENERATION DIVISION SUPPORT

GPU SERVICE CORPORATION

GENERATION DIVISION SUPPORT DEPARTMENT

ACTIVITY DESCRIPTION

The major function of this department is to centralize control and administrative functions within the Generation Division. Part of this department is the Construction Controls Section which is responsible for the forecasting of Generation project schedules and costs. Additional responsibilities of this department include budgets and long-range division planning.

TITLE OF SUBUNIT - Generation Division Support

1. Total No. (Managers, Engineers and Professional Personnel) - 5

2. EDUCATION BACKGROUND

BA Economics	1
BS Indust'l Eng.	1
BS Civil Eng.	1
BS Indust. Mgmt.	1
MS Indust'l Eng.	1

LICENSES

3. TECHNICAL EXPERIENCE

(a.) Engineering

(1) Nuclear Power Field	18
(2) Engineering Mgmt.	20
(3) Total Utility Experience	26

(b.) Field

- (1) Reactor Physics
- (2) Electrical Engineering
- (3) Health Physics
- (4) Mechanical Engineering
- (5) Metallurgical and Materials
- (6) Instrumentation and Controls
- (7) Systems Engineering
- (8) Thermal-Hydraulic
- (9) Radiochemistry
- (10) Structural Engineering
- (11) Nuclear Fuels
- (12) Maintenance Engineering

(c.) Military Nuclear Experience

(d.) Other

13

15

593 235

GENERATION DIVISION

TECHNICAL FUNCTIONS

593 236

GPU SERVICE CORPORATION

TECHNICAL FUNCTIONS GROUP

ACTIVITY DESCRIPTION

The Technical Functions Group is an in-house organization that is responsible for engineering and design, engineering management, systems engineering, and quality assurance. This group is responsible for the technical adequacy of engineering and support of specific projects. Other areas would include the development of engineering standards as well as directing, monitoring, and reviewing work by A/E's on GPU power plant projects.

TITLE OF SUBUNIT - Technical Functions

1. Total No. (Managers, Engineers and Professional Personnel) - 1

2. EDUCATION BACKGROUND

BS Mech. Eng.	1
MS Mech. Eng.	1

LICENSES

3. TECHNICAL EXPERIENCE

(a.) Engineering

(1) Nuclear Power Field	20
(2) Engineering Mgmt.	20
(3) Total Utility Experience	4

(b.) Field

	F	N
(1) Reactor Physics	8	
(2) Electrical Engineering		
(3) Health Physics		
(4) Mechanical Engineering	15	
(5) Metallurgical and Materials	5	
(6) Instrumentation and Controls		
(7) Systems Engineering	15	
(8) Thermal-Hydraulic	10	
(9) Radiochemistry		
(10) Structural Engineering		
(11) Nuclear Fuels	10	
(12) Maintenance Engineering	1	

(c.) Military Nuclear Experience

(d.) Other

GENERATION DIVISION

QUALITY ASSURANCE

593 239

TITLE OF SUBUNIT - Quality Assurance

1. Total No. (Managers, Engineers and Professional Personnel) - 15

2. EDUCATION BACKGROUND

BS Metallurgical Eng.	2
BS Elect. Eng.	2
BS Civil Eng.	1
BS Mech. Eng.	2
MBA - Business	1
MEA - Statistics	1
MS - Civil/Structural	1

LICENSES

PE	1
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3. TECHNICAL EXPERIENCE

(a.) Engineering

(1) Nuclear Power Field	11 1/2
(2) Engineering Mgmt.	4 2
(3) Total Utility Experience	47 3/4

(b.) Field

	F	N
(1) Reactor Physics		
(2) Electrical Engineering		19
(3) Health Physics		
(4) Mechanical Engineering	6 1/2	
(5) Metallurgical and Materials	18	5
(6) Instrumentation and Controls		2
(7) Systems Engineering		
(8) Thermal-Hydraulic		
(9) Radiochemistry		
(10) Structural Engineering	8	7
(11) Nuclear Fuels	15	
(12) Maintenance Engineering		
(13) Quality Assurance	20	12

(c.) Military Nuclear Experience

(d.) Other

27	7
38 1/2	29 1/2

593 240

GENERATION DIVISION

ENGINEERING MANAGEMENT

TITLE OF SUBUNIT - Engineering Management

1. Total No. (Managers, Engineers and Professional Personnel) - 5

2. EDUCATION BACKGROUND

BS Math	1
BS Mech. Eng.	2
BSEE	1
BS Civil Eng.	1
MBA Bus. Admin.	1
MS Mech. Eng.	1
MS Management	1
MS SM	1

LICENSES

PE	2
----	---

3. TECHNICAL EXPERIENCE

(a.) Engineering

(1) Nuclear Power Field	37½
(2) Engineering Mgmt.	38½
(3) Total Utility Experience	23

(b.) Field

	F	N
(1) Reactor Physics	5	
(2) Electrical Engineering	4	
(3) Health Physics	5	
(4) Mechanical Engineering	13½	22
(5) Metallurgical and Materials		
(6) Instrumentation and Controls	9	
(7) Systems Engineering	13½	22
(8) Thermal-Hydraulic	11½	22
(9) Radiochemistry	5	
(10) Structural Engineering		5
(11) Nuclear Fuels	5	
(12) Maintenance Engineering	6	

(c.) Military Nuclear Experience

10

(d.) Other

21

593 242

GENERATION DIVISION

SYSTEM ENGINEERING

TITLE OF SUBUNIT - System Engineering

1. Total No. (Managers, Engineers and Professional Personnel) - 21

2. EDUCATION BACKGROUND

BA Bus. Admin.	1	MS Nuc. Eng.	2
BS Eng. Science	1	MS Chem.	1
BS Physics	2	MS Mech. Eng.	2
BS Nuc. Eng.	2	PHD Nuc. Eng.	2
BS Ceramic Eng.	1		
BS Chem. Eng.	4		
BS Metallurgical Eng.	1		
BS Mech. Eng.	4		
BS Elect. Eng.	3		
MS Elect. Eng.	1		

LICENSES

PE	3
Navy RO	1

3. TECHNICAL EXPERIENCE

(a.) Engineering

(1) Nuclear Power Field	159
(2) Engineering Mgmt.	49
(3) Total Utility Experience	96

(b.) Field

	F	N
(1) Reactor Physics	33	
(2) Electrical Engineering	3	14
(3) Health Physics	3	
(4) Mechanical Engineering	5	6
(5) Metallurgical and Materials	1	
(6) Instrumentation and Controls	16½	32
(7) Systems Engineering	21½	12
(8) Thermal-Hydraulic	6½	
(9) Radiochemistry	3	
(10) Structural Engineering	1	1
(11) Nuclear Fuels	65	
(12) Maintenance Engineering	2	

(c.) Military Nuclear Experience

23½

(d.) Other

42

GENERATION DIVISION

ENGINEERING AND DESIGN

593 245

TITLE OF SUBUNIT - Engineering and Design

1. Total No. (Managers, Engineers and Professional Personnel) - 42

2. EDUCATION BACKGROUND

BS Metallurgical Sci.	1	MBA Management	4
BS Elect. Eng.	8	MS Bio Physics	1
BS Physics	1	MS Nuc. Eng.	1
BS Marine Eng.	1	MS Ind. Mgmt.	1
BS Nuc. Eng.	1	MS Metallurgy	2
BS Civil Eng.	3	MS Mech. Eng.	5
BS Aero. Eng.	1	MS Structural Eng.	1
BS Mech. Eng.	17	MS Systems Mgmt.	1
BS Chem. Eng.	3	MSIE	1
BS Engrg.	1	MSEE	2
<u>LICENSES</u>		PHD Fluid Dynamics	1
PE	16		
EIT	2		

3. TECHNICAL EXPERIENCE

(a.) Engineering

(1) Nuclear Power Field	313
(2) Engineering Mgmt.	151
(3) Total Utility Experience	335

(b.) Field

	F	N
(1) Reactor Physics	16	
(2) Electrical Engineering	27	63
(3) Health Physics	17	10
(4) Mechanical Engineering	82	213
(5) Metallurgical and Materials	7	29
(6) Instrumentation and Controls	67	70
(7) Systems Engineering	80	65
(8) Thermal-Hydraulic	12	34
(9) Radiochemistry		
(10) Structural Engineering	42	39
(11) Nuclear Fuels	5	
(12) Maintenance Engineering		22

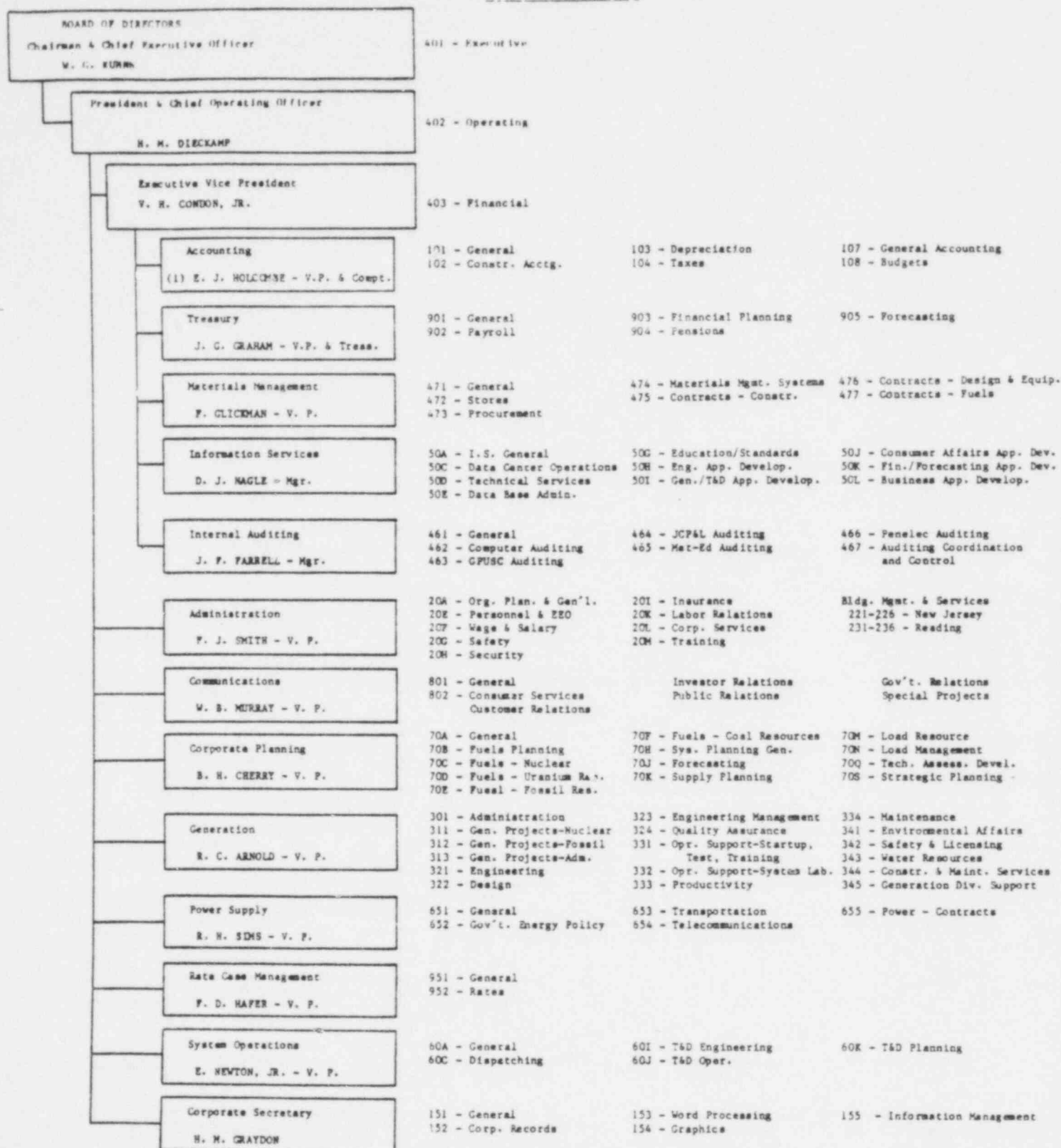
(c.) Military Nuclear Experience

(d.) Other

66	2
51	110

593 246

CPU SERVICE CORPORATION
ORGANIZATION



NOTE: (1) V.P. and Comptroller also reports directly to Board of Directors.

POOR ORIGINAL

-593 247

7/1/79

GPU SERVICE CORPORATION

				No. Emp.
Div. Page				
Board of Directors				
Chairman & Chief Executive Officer	40	3	W. G. Kuhns	2
President & Chief Operating Officer	40	3	H. M. Dieckamp	2
Executive Vice President	40	3	V. H. Condon, Jr.	2
* Comptroller - Accounting	10	4	E. J. Holcombe	53
Treasurer - Treasury	90	5	J. G. Graham	21
Vice President - Materials Management	47	6	F. Glickman	24
Director - Information Services	50	7	D. J. Nagle	158
Director - Internal Auditing	46	8	J. F. Farrell	35
Vice President - Administration	20	9	F. J. Smith	69
Vice President - Communications	80	10	W. B. Murray	14
Vice President - Corporate Planning	70	11	B. H. Cherry	48
Vice President - Generation	30	12	R. C. Arnold	242
Vice President - Power Supply	65	13	R. H. Sims	20
Vice President - Rate Case Management	95	14	F. D. Hafer	16
Vice President - System Operations	60	15	E. Newton, Jr.	76
Corporate Secretary	15	16	H. M. Graydon	29
Total				811

* Comptroller also reports directly to Board of Directors.

Includes: 3 Part-Time (PT)
1 Temporary (T)

Code	Location	No. Emp.
1	New York	
2	Parsippany	425
	Interpace (I)	112
	Mt. Lakes (ML)	204
	Hartz (H)	100
	JCP&L (JC)	8
	Albuquerque (A/NM)	1
3	Reading	345
	GPUSC (R)	337
	Met-Ed (ME)	8
4	Johnstown	14
	Penelec (PE)	9
	Conemaugh (C)	1
	Homer City (HC)	4
5	TMI	5
6	Forked River (F/R)	22
Total		811

GPU SERVICE CORPORATION
EXECUTIVE DIVISION
Div. 40

	Div/ Func	Loc	Bldg.		No. Emp.
Chairman & Chief Executive Officer	401	2	I	W. G. Kuhns	2
Secretary to Chairman	401	2	I	M. A. Nalewako	
President & Chief Operating Officer	402	2	I	H. M. Dieckamp	2
Secretary to President	402	2	I	L. G. D'Angelo	
Executive Vice President	403	2	I	V. H. Condon, Jr.	2
Executive Secretary	403	2	I	M. E. Arlet	
Total					6

Code	Location	No. Emp.
1	New York	
2	Parsippany	6
	Interpace (I)	
	Mt. Lakes (ML)	
	Hartz (H)	
	JCP&L (JC)	
	Albuquerque (A/NM)	
3	Reading	
	GPUSC (R)	
	Met-Ed (ME)	
4	Johnstown	
	Penelec (PE)	
	Conemaugh (C)	
	Homer City (HC)	
5	TMI	
6	Forked River (F/R)	
Total		6

GPU SERVICE CORPORATION
ACCOUNTING DIVISION
Div. 10

	Div/ Func	Loc	Bldg.		No. Emp.
Vice President & Comptroller	101	2	I	E. J. Holcombe	6
Executive Secretary	101	2	I	M. C. Baker	
Secretary	101	2	I	S. P. Philips	
Staff Assistant - Finance	101	2	I	F. B. Coughlan	
Accountant Sr. - Staff	101	2	I	T. J. Huber	
Accountant II - Financial	101	2	I	J. F. Muller	
Assistant Comptroller	101	2	I	P. F. Daley	15
Manager - Taxes	104	2	I	J. R. Thren	
Secretary	104	2	I	E. M. Marrese	
Accountant Staff - Taxes	104	2	I	R. H. Schein	
Accountant II - Taxes	104	2	I	T. F. McGrath	
Accountant I - Taxes	104	2	I	S. J. Chewcaskie	
	104	2	I	M. E. Karkos	
Manager - Construction Acct.	102	2	ML	T. C. Ross	
Secretary	102	2	ML	H. Strand	
Asst. to Manager - Construction Acct.	102	2	ML	D. J. Walsh	
Accountant III - Construction	102	2	ML	A. P. Maybo	
Accountant Sr. - Construction	102	5	TMI	B. Hammershock	
Accountant III - Construction	102	5	TMI	J. S. Denshuick	
Accountant Sr. - Construction	102	6	FR	A. S. Tiger	
Accountant II - CPR	102	6	FR	R. A. Straub	
Manager - Special Projects	101	2	I	D. H. Woronecki	3
Accountant Sr. - Financial	101	2	I	C. J. Halberstam	
Analyst Sr. - Financial Analysis	101	2	I	J. A. Sturm	
Manager - Accounting	107	2	I	V. J. Cooke	17
Secretary Sr.	107	2	I	N. A. Brennan	
Supervisor - Financial Staff	107	2	I	E. E. Hracho	
Accounting Group					
Accountant II - General Accounting	107	2	I	D. M. Appel	
Accountant II - General Accounting	107	2	I	E. R. Thompson	
Accountant I - General Accounting	107	2	I	D. M. Szmankiewicz	
Financial Reports Group					
Accountant II - Financial	107				
Accountant I - General Accounting	107	2	I	L. Ziezel	
Accounting II					
Billing Group					
Accountant II - General Accounting	107	2	I	P. E. Lupfer	
Accountant III - General Acct.	107	2	I	G. J. Krozser	
Adm. Clerk - Intermediate	107	2	I	M. L. Poda	
Supervisor - Accounts Payable	107	2	I	A. R. Cooke	
Controls Group					
Accountant II - General Accounting	107	2	I	R. C. Erk	
Administrative Clerk - Int.	107	2	I	J. Ingato	
Administrative Clerk	107	2	I	R. E. Thomas	
Disbursements Group					
Accountant III - General Accounting	107	2	I	R. B. Mullick	
Accountant I - General Accounting	107	2	I	V. B. Layugan	
Administrative Clerk - Int.	107	2	I	J. M. Grishuck	

GPU SERVICE CORPORATION
ACCOUNTING DIVISION
Div. 10

</

Code	Location	No. Emp.
1	New York	
2	Parsippany	49
	Interpace (I)	45
	Mt. Lakes (ML)	4
	Hartz (H)	
	JCP&L (JC)	
	Albuquerque (A/NM)	
3	Reading	
	GPUSC (R)	
	Met-Ed (ME)	
4	Johnstown	
	Penelec (PE)	
	Conemaugh (C)	
	Homer City (HC)	
5	TMI	2
6	Forked River (F/R)	2
Total		53

GPU SERVICE CORPORATION
TREASURY DIVISION
Div. 90

	Div/ Func	Loc	Bldg.		No. Emp.
Vice President & Treasurer	901	2	I	J. C. Graham	21
Executive Secretary	901	2	I	L. Y. Casale	
Assistant Treasurer	901	2	I	M. Misura	
Payroll and Cash Management					
Supervisor - Payroll/One	902	3	R	T. W. Norman	
Administrator - Payroll	902	3	R	A. M. Cavallucci	
Administrative Clerk	902	3	R	M. L. Kozlowski	
	902	3	R	D. L. Knapp	
Assistant Treasurer	903	2	I	D. P. Baldassari	
Secretary	903				
Financings & Regulatory Filings					
Financings					
Staff Assistant Sr. II - Treasury	903	2	I	S. H. Somich	
Regulatory Filings					
Staff Assistant Sr. II	903	2	I	D. Rope	
Investor Relations - Banks & Rating Agencies					
Manager - Pensions	904	3	R	M. L. Wixon	
Supervisor - Pensions	904	3	R	I. E. Branch	
Administrative Clerk Int.	904	3	R	M. E. Breidegam	
Staff Assistant II - Treasury	904	3	R	G. B. Kubovick	
Administrator - TRAESOP	904	3	R	C. S. Webb	
Staff Assistant II - Treasury	904	3	R	A. M. Brubaker	
Manager - Financial Planning & Analysis	905	2	I	T. Howson	
Secretary	905	2	I	D. L. McDougale	
Financial Planning & Analysis					
Accountant - Staff	905	2	I	J. M. Gerczyca	
Staff Analyst - Financial Analysis	905	2	I	W. Y. Chin	
Staff Member Sr. - Information Systems	905	3	R	F. T. Luizer	
Total					21

Code	Location	No. Emp.
1	New York	
2	Parsippany	10
	Interpace (I)	
	Mt. Lakes (ML)	
	Hartz (H)	
	JCP&L (JC)	
	Albuquerque (A/NM)	
3	Reading	11
	GPUSC (R)	
	Met-Ed (ME)	
4	Johnstown	
	Penelac (PE)	
	Conemaugh (C)	
	Homer City (HC)	
5	TMI	
6	Forked River (F/R)	
Total		21

GPU SERVICE CORPORATION
MATERIALS MANAGEMENT
Div. 47

	Div/ Func	Loc	Bldg.	No. Emp.
Vice President - Materials Management	471	2	ML	F. Glickman
Executive Secretary	471	2	ML	A. J. Rhattigan
Manager - Contracts, Construction	475	2	ML	M. Haimowitz
Secretary	475	2	ML	G. M. Sonma
Purchasing Manager	475	2	ML	C. T. Schrock
Field Contracts Administrator	475	5	TMI	T. S. J. Uilkema
Manager - Contracts, Design & Equipment	476	2	ML	L. A. Russo
Secretary	476	2	ML	M. A. Ballentine
Fields Contract Administrator	476	2	ML	G. C. Gemian
	476	2	ML	G. E. Buchan
Manager - Contracts, Fuels	477	2	ML	J. H. Rickson, Sr.
Secretary	477	2	ML	K. K. Palffy
Manager - Procurement	473	2	ML	E. J. Murtagh
Administrative Clerk Sr.	473	2	ML	D. M. Galiger
	473	2	ML	L. E. Castoro
Buyer - Sr.	473	2	ML	L. L. Padalino
Buyer	473	2	ML	T. T. Reilly
Administrative Clerk	473	2	ML	P. A. Paulson
Manager - Materials Management Systems	474	2	ML	G. F. Dwyer
Manager - Stores	472	3	R	M. M. Seaman
Project Manager - Stores	472	3	R	J. H. Englert
	472	3	R	G. P. Naus
	472	3	R	G. R. Rowe
Administrator - Stores	472	3	R	K. R. Mishler
				Total

24

Code	Location	No. Emp.
1	New York	
2	Parsippany	18
	Interpace (I)	
	Mt. Lakes (ML)	18
	Hartz (H)	
	JCP&L (JC)	
	Albuquerque (A/NM)	
3	Reading	5
	GPUSC (R)	5
	Met-Ed (ME)	
4	Johnstown	
	Penelec (PE)	
	Conemaugh (C)	
	Homer City (HC)	
5	TMI	1
6	Forked River (F/R)	
Total		24

GPU SERVICE CORPORATION
INFORMATION SERVICES DIVISION
Div. 50

	Div/ Func	Loc	Bldg.		No. Emp.
Director - Information Services	50A	3	R	D. J. Nagle	3
Secretary Sr.	50A	3	R	C. E. Beierschmitt	
Consultant	50A	3	R	G. A. Bricker	
Supervisor - Staff Services	50A	3	R	J. H. Roberts	3
Administrator - Information Services	50A	3	R	F. L. Filbert	
Administrative Clerk - Intermediate	50A	3	R	D. L. Graef	
Asst. Mgr. - Applications Dev.	50A	3	R	E. F. Muchoney	3
Secretary Sr.	50A	3	R	D. A. Keener	
Staff Member Sr. - Information Services	50A	3	R	R. F. McLaren	
Supervisor - Business Applications	50L	3	R	R. L. Cowley	25
Stenographer	50L	3	R	F. R. Kopala	
Staff Member Sr. - Information Services	50L	3	R	D. C. Ludwig	
Analyst Sr. - Information Services	50L	3	R	A. E. Sanchez	
Staff Member - Information Services	50L	3	R	D. P. Lubas	
	50L	3	R	R. G. Jamieson	
	50L	3	R	S. O. Myskowski	
	50L	3	R	G. A. Speicher	
Analyst Sr. - Information Services	50L	3	R	A. Najarian	
	50L	3	R	R. E. Spotts	
	50L	3	R	J. A. Krick	
	50L	3	R	J. H. Hanson	
Associate - Information Services	50L	3	R	M. A. Rissell	
Staff Member Sr. - Information Services	50L	3	R	W. H. McKay	
Staff Member Sr. - Information Services	50L	3	R	W. E. Hayes	
Staff Member - Information Services	50L	3	R	L. C. Biehl	
	50L	3	R	T. H. Hunkeler	
	50L	3	R	M. T. Keener	
Analyst Sr. - Information Services	50L	3	R	S. G. Henry	
	50L	3	R	M. G. Gruss	
	50L	3	R	D. L. Moyer	
	50L	3	R	J. M. Matuszak	
Associate - Information Services	50L	3	R	K. M. O'Rourke	
	50L	3	R	J. L. Torbert	
Analyst - Information Services	50L	3	R	D. M. Coffin	
Supervisor-Consumer Affrs. App. Devlpt.	50J	3	R	K. W. Snyder, Jr.	19
Stenographer	50J	3	R	S. R. Nagle	
Staff Member Sr. - Information Services	50J	3	R	L. W. Shaffer	
Staff Member - Information Services	50J	3	R	S. J. Talarico	
Analyst Sr. - Information Services	50J	3	R	L. J. Brightbill	
	50J	3	R	J. M. Manderevitz	
	50J	3	R	R. L. Schrack	
Staff Member - Information Services	50J	3	R	I. G. Rollman	
Analyst Sr. - Information Services	50J	3	R	R. P. Homan	
Staff Member - Information Services	50J	3	R	R. F. Whitford	
	50J	3	R	W. Koller, Jr.	
	50J	3	R	R. I. Mock	
Associate - Information Services	50J	3	R	J. R. Hoffman	
Analyst - Information Services	50J	3	R	N. S. Moeller, Jr.	
	50J	3	R	D. J. Belsky	
Staff Member Sr. - Information Services	50J	3	R	R. L. Cable	
Analyst Sr. - Information Serv.	50J	3	R	D. D. Firestone	
Associate - Information Services	50J	3	R	J. P. Fritz III	
	50J	3	R	K. A. Gushue	

GPU SERVICE CORPORATION
INFORMATION SERVICES DIVISION
Div. 50

	Div/ Func	Loc	Bldg.	
Supervisor-Fin. & Forecasting App. Dev.	50K	3	R	J. H. Ireland
Staff Member - Information Services	50K	3	R	G. D. Gadzouris
Coordinator - I/S Application Control	50K	3	R	E. R. Hilbert
Analyst Sr. - Information Services	50K	3	R	R. E. Shannon
	50K	3	R	W. L. Keiper
Analyst - Information Services	50K	3	R	R. S. Wagner
Staff Member - Information Services	50K	3	R	D. L. Auman
Staff Member - Information Services	50K	3	R	G. J. Patel
Analyst - Information Services	50K	3	R	B. N. Gehman
Supervisor - Generation and T&D App.	50I	3	R	J. F. Long
Administrative Clerk - Int.	50I	3	R	K. S. Sterner
Staff Member Sr. - Information Services	50I	3	R	A. L. Becker
Analyst - Information Services	50I	3	R	S. D. Small
Staff Member - Information Services	50I	3	R	J. E. Washington
Staff Member - Information Services	50I	3	R	J. W. Zitrick, Jr.
Staff Member - Information Services	50I	3	R	P. D. Culshaw
Analyst - Information Services	50I	3	R	W. D. Phillips
	50I	3	R	M. T. Shestok
	50I	3	R	A. H. Stalnecker, Jr.
Staff Member Sr. - Information Services	50I	3	R	B. L. Jones
Staff Member - Information Services	50I	3	R	J. F. Samay
Staff Member - Information Services	50I	3	R	D. W. Lessig
Analyst Sr. - Information Services	50I	3	R	W. F. Lundgren
Staff Member - Information Services	50I	3	R	S. R. Rathman
Analyst Sr. - Information Services	50I	3	R	A. F. Jov
Analyst - Information Services	50I	3	R	T. P. Keltz
	50I	3	R	J. E. Oberly
Staff Member - Information Services	50I	3	R	R. H. Warmkessel
Analyst Sr. - Information Services	50I	3	R	J. R. Bucher
Associate - Information Services	50I	3	P	V. P. Rhoads

No.
Emp.

9

21

GPU SERVICE CORPORATION
INFORMATION SERVICES DIVISION
Div. 50

	Div/ Func	Loc	Bldg.		No. Emp.
Supervisor - Technical Services	50D	3	R	J. D. Mabry	29
Supervisor - Engineering Application Develop.	50H	3	R	S. M. Bauer	
Administrative Clerk	50K	3	R	E. E. Strunk	
Analyst Sr.	50H				
Staff Member Sr. - Information Services	50H	3	R	A. C. Lilly	
Analyst Sr. - Information Services	50H	3	R	B. J. Foster	
	50H	3	R	J. B. Miller	
	50H	3	R	E. Teasdale	
Staff Member - Information Services	50H	3	R	T. F. Verneti	
Associate - Information Services	50H	3	R	R. J. Stowell	
Staff Member - Information Services	50H	3	R	T. P. Grady	
Staff Member - Information Services	50H	3	R	R. G. Levesque	
Analyst Sr. - Information Services	50H	3	R	C. H. Heiser	
	50H	3	R	M. Timishin	
Staff Member - Information Services	50H	3	R	J. C. Wagner	
Associate - Information Services	50H	3	R	T. Grater	
	50H	3	R	D. M. Green	
Consultant - Information Services	50D	3	R	J. A. Yoder	
Analyst Sr. - Information Services	50D	3	R	B. A. Ruffner	
Staff Member Sr. - Information Services	50D	3	R	W. J. McCarthy	
Consultant - Information Services	50D	3	R	G. I. Moll	
Coordinator - Word Processing	50G	3	R	S. A. Leffler	
Staff Member Sr. - Information Services	50D	3	R	R. A. Machusick	
	50D	3	R	R. B. Fischer	
Analyst Sr. - Information Services	50D	3	R	D. R. Ehrig	
	50D	3	R	G. F. Weida	
	50D	3	R	R. D. Muir III	
Information Services Assistant	50D	3	R	M. E. Book	
Analyst - Information Services	50D	3	R	T. J. Stallman	
Staff Member Sr. - Information Services	50D	3	R	R. A. Seitz	
Supv. - Education & Standards	50G	3	R	L. B. Shattuck, Jr.	2
Staff Member - Information Services	50G	3	R	J. A. Wildev	
Supervisor-Data Base Adm.	50E	3	R	C. Mignone	8
Staff Member Sr. - Information Services	50E	3	R	K. L. Fisher	
Staff Member - Information Services	50E	3	R	W. E. Schmidt, Jr.	
Associate - Information Services	50E	3	R	J. A. Steinbiser	
Staff Member Sr. - Information Services	50E	3	R	R. G. Fidler	
Information Services Assistant	50H	3	R	M. K. Bickel	
Analyst Sr. - Information Services	50E	3	R	K. J. Miller	
Staff Member Sr. - Information Services	50E	3	R	L. W. Anderson	

GPU SERVICE CORPORATION
INFORMATION SERVICES DIVISION
Div. 50

No.
Emp.

36

	Div/ Func	Loc	Bldg.	
Assistant Mgr. - Computer Operations & Tech. Dev.				
Supervisor - Computer Operations	50C	3	R	E. S. Degler
Staff Member Sr. - Information Services	50C	3	R	D. M. Herbein
	50C	3	R	W. H. Maurer
Staff Member - Information Services	50C	3	R	D. W. Henry
	50C	3	R	J. P. Ross
Shift Supervisor - Information Services	50C	3	R	L. M. Schlegel
	50C	3	R	R. D. Wentzel
	50C	3	R	J. L. Zeiber
	50C	3	R	R. G. Fair
	50C	3	R	D. R. Flowers
Computer Network Analyst	50C	3	R	T. A. Fegley
	50C	3	R	A. J. Kolenick, Jr.
	50C	3	R	J. F. Laudeman
	50C	3	R	G. R. Ludwig
Computer Network Associate	50C	3	R	T. A. Brown
	50C	3	R	K. R. Fillioe
	50C	3	R	R. S. Steffy
	50C	3	R	K. A. Kramer
	50C	3	R	T. S. Furry
Data Center Operator	50C	3	R	G. L. Garber
	50C	3	R	M. C. Gipprich
	50C	3	R	W. R. Leshner
	50C	3	R	R. L. Ulrich
	50C	3	R	W. A. Heist
	50C	3	R	R. G. Holland, Jr.
	50C	3	R	L. J. Oberholtzer
Data Center Trainee	50C	3	R	B. I. Moll
	50C	3	R	A. P. Stricek
	50C	3	R	M. P. Moll
Analyst Sr. - Information Services	50C	3	R	E. H. Elbert
Keypunch Operator Sr.	50C	3	R	A. M. Christ
Keypunch Operator	50C	3	R	S. A. Fillioe
	50C	3	R	P. A. Reifsnnyder
Supervisor-Remote Terminal	50C	2	I	G. W. Fair
Keypunch Operator Sr.	50C	2	I	D. R. Kwiatek
Keypunch Operator	50C	2	I	N. L. Gowans
Total				158

Code	Location	No. Emp.
1	New York	
2	Parsippany	3
	Interpace (I)	3
	Mt. Lakes (ML)	
	Hartz (H)	
	JCP&L (JC)	
	Albuquerque (A/NM)	
3	Reading	155
	GPUSC (R)	155
	Met-Ed (ME)	
4	Johnstown	
	Penelec (PE)	
	Conemaugh (C)	
	Homer City (HC)	
5	TMI	
6	Forked River (F/R)	
Total		158

GPU SERVICE CORPORATION
INTERNAL AUDITING DIVISION
Div. 46

	Div/ Func	Loc	Bldg.		No. Emp.
Director - Internal Auditing	461	2	H	J. F. Farrell	35
Secretary Sr.	461	2	H	I. M. Jagers	
Coordinator - Computer Auditing	462	3	R	G. L. Hafer	
Auditor Sr. II	462	3	R	S. L. Fakete	
Constr. & Corp. Auditing Manager	463	2	H	M. F. Delicce	
Auditor Sr. II	463	2	H	R. J. Melowic	
Auditor Sr. I	463	2	H	L. E. Grill	
Auditor III	463	2	H	R. W. Hodges	
Auditor I	463	2	H	J. J. Alexander	
	463	2	H	S. D. Scharkas	
Auditor Sr. I	467	2	H	J. R. Cassidy	
Auditing Manager (JCP&L)	464	2	JC	K. J. Fix	
Auditor Sr. I	464	2	JC	C. A. DeFree	
Auditor Sr. III	464	2	JC	C. A. Heimberg	
Auditor II	464	2	JC	G. Barkley	
	464	2	JC	W. R. Hunsicker, III	
Auditor I	464	2	JC	P. C. Cannizzo	
	464	2	JC	R. P. Cariello	
	464	2	JC	G. M. Szymialowicz	
Auditing Manager (Met-Ed)	465	3	ME	D. L. O'Brien	
Auditor Sr. I	465	3	ME	B. J. Gorski	
	465	3	ME	H. D. Hollenbacher	
Auditor II	465	3	ME	L. J. Mangle	
	465	3	ME	C. D. Peterson	
	465	3	ME	J. E. Hess	
	465	3	ME	E. W. Noll III	
Auditor I	465	3	ME	S. J. Toczek	
Auditing Manager (Penelec)	466	4	PE	S. J. Stock	
Auditor Sr. I	466	4	PE	T. J. Ott	
	466	4	PE	A. L. Smith, Jr.	
Auditor II	466	4	PE	R. H. Depp, Jr.	
	466	4	PE	W. A. Shriver	
	466	4	PE	J. P. Spicher	
	466	4	PE	E. J. Waters	
Auditor I	466	4	PE	E. C. Pitchford	

Total

35

Code	Location	No. Emp.
1	New York	
2	Parsippany	17
	Interpace (I)	
	Mt. Lakes (ML)	
	Hartz (H)	9
	JCP&L (JC)	8
	Albuquerque (A/NM)	
3	Reading	10
	GPUSC (R)	2
	Met-Ed (ME)	8
4	Johnstown	8
	Penelec (PE)	8
	Conemaugh (C)	
	Homer City (HC)	
5	TMI	
6	Forked River (F/R)	
	Total	35

593 258

GPU SERVICE CORPORATION
ADMINISTRATION DIVISION
Div. 20

	Div/ Func	Loc	Bldg.		No. Emp.
Vice President	20A	2	I	F. J. Smith	2
Executive Secretary	20A	2	I	V. A. Gearhart	
Manager Corporate Services	20L	2	H	R. Russo	46
Adm. Assistant - General Office	221	2	H	R. W. Hasse	
System Librarian	225	2	ML	W. F. Sayers	
Librarian	225	2	ML	J. A. Temple	
Administrative Clerk - Int.	225	2	ML	D. L. Barr	
Secretary	221	2	H	M. I. Walther	
Receptionist	221	2	I	F. H. Chimko	
	221	2	ML	V. E. Lowery	
Switchboard Operator	224	2	I	L. B. Almgren	
Receptionist/Switchboard Operator	224	2	H	E. C. M. Smith	
Supervisor-Mail Services	223	2	H	V. A. Belluscio, Jr.	
Administrative Clerk Sr.	223	2	H	G. A. McCleave	
Clerk - Mail	223	2	H	A. L. Mendicino	
	223	2	ML	D. M. Foley	
	223	2	H	D. W. Jones	
	223	2	I	L. M. Williams	
Coordinator-Mail Services	223	2	H	G. J. Tyree	
Administrator-General Office	221	2	I	B. D. Mullick	
Building Control Monitor Chief	226	2	H	C. H. White	
Building Control Monitor (B)	226	2	H	D. A. Welsch	
	226	2	H	K. C. Hintz	
	226	2	ML	R. J. Thomas	
Supt.-Building Services-Parsippany	221	2	H	J. G. Keegan	
Supt. - Building Services - Reading	231	3	R	F. F. Wylezik, Jr.	
Administrator - Building Services	231	3	R	R. C. Bell	
Administrative Clerk	231	3	R	B. M. Golden	
Xerographic Operator	231	3	R	B. E. Portner	
General Maintenance Man	232	3	R	T. F. Schmidt	
General Repair	232	3	R	H. P. Jockel	
Janitor	232	3	R	C. F. Gambler, Jr.	(PT)
Clerk-Mail	233	3	R	F. J. Torok	
	233	3	R	G. S. Dennis	
Mail Courier	233	3	R	G. E. Dunkelberger	
Receptionist/Switchboard Operator	234	3	R	S. F. Grove	
	234	3	R	M. A. Stoltzfus	(PT)
	234	3	R	J. L. Rocktashel	(PT)
Building Control Monitor Chief	236	3	R	E. S. Graczyk	
Building Control Monitor	236	3	R	J. E. Bingham	
	236	3	R	J. M. Andrews	
	236	3	R	G. L. Grove	
	236	3	R	W. E. Kenney	
Safety & Health Manager	20G	3	R	R. G. Ritthamel	
Administrative Clerk	20G	3	R	V. T. Ruzowicz	
Industrial Hygienist	20G	3	R	R. L. Witzke	
Security Manager	20H	3	R	R. A. Rice	
Analyst - Security	20H	3	R	R. G. Kawood	

593 259

GPU SERVICE CORPORATION
ADMINISTRATION DIVISION
Div. 20

	Div/ Func	Loc	Bldg.		No. Emp.
Director - Human Resources	20A	2	H	R. U. Hayes	18
Secretary Sr.	20A	2	H	G. B. Fletcher	
Manager - Compensation & Benefits	20F	2	H	W. M. Pammer	
Administrator - Wage & Salary	20F	2	H	D. W. Hollenbach	
Analyst III - Compensation & Benefits	20F	2	H	V. Morgan	
Analyst II - Compensation & Benefits	20F	2	H	D. J. Fick	
Administrative Clerk Sr.	20F	2	H	D. M. Parsons	
Administrative Clerk Int.	20F	2	H	B. R. Wolf	
Administrative Clerk	20F	2	H	P. A. Lancaster	
Manager - Personnel	20E	2	H	P. Gomez	
Secretary	20E	2	H	D. D. Dern	
Administrator - Employee Benefits	20E	2	H	J. R. Greene	
Area Personnel Manager	20E	2	H	J. Troebliker	
Administrator - Personnel Selection	20E	2	ML	B. Gunderson	
Area Personnel Manager	20E	3	R	R. R. Burns	
Stenographer	20E	3	R	F. M. Merkel	
Labor Relations Analyst	20K				
Manager - Training & Development	20M	3	R	L. T. Renner	
Secretary	20M	3	R	R. E. Yanicheck	
Manager - Insurance and Claims	20I	2	H	H. F. Gerety	3
Administrative Clerk Sr.	20I	2	H	N. L. Geyer	
Administrator - Insurance & Claims	20I	2	H	W. N. Moreau	
Total					69

Includes: 3 Part-Time (PT)

Code	Location	No. Emp.
1	New York	
2	Parsippany	42
	Interpace (I)	6
	Mt. Lakes (ML)	7
	Hartz (H)	29
	JCP&L (JC)	
	Albuquerque (A/NM)	
3	Reading	27
	GPUSC (R)	27
	Met-Ed (ME)	
4	Johnstown	
	Penelec (PE)	
	Conemaugh (C)	
	Homer City (HC)	
5	TMI	
6	Forked River (F/R)	
Total		69

593 260

GPU SERVICE CORPORATION
COMMUNICATIONS DIVISION
Div. 80

	Div/ Func	Loc	Bldg.		No. Emp.
Vice President	801	2	I	W. B. Murray	14
Executive Secretary (1)	801	2	I	J. M. Petty	
Manager - Communications	801	2	I	R. M. Esteves	
Secretary	801				
Investor Publications Manager	801	2	I	J. A. Dunn	
Representative - Internal Communications	801	2	I	A. E. Arnold	
Administrative Clerk Int.	801	2	I	J. R. Paquette	
Manag. - Public Affairs	801	2	I	K. C. McKee	
Manager - Government Affairs	801	4	PE	J. E. Bearer	
Manager - Consumer Affairs	802	2	H	R. W. Smith	
Secretary Sr.	802	2	H	C. H. Reppert	
Director - Consumer Services	802	2	H	N. A. Hagstrom	
Director - Tech. Serv. Load Mgmt.	802	2	H	G. A. Reeves	
Director - Consumer Services Training	802	2	H	J. P. Parker	
Analyst II - Economics	802	2	H	D. M. Komar	
Total					14

(1) Also Secretary For Manager - Public Affairs

Code	Location	No. Emp.
1	New York	
2	Parsippany	13
	Interpace (I)	7
	Mt. Lakes (ML)	
	Hartz (H)	6
	JCP&L (JC)	
	Albuquerque (A/NM)	
3	Reading	
	GPUSC (R)	
	Met-Ed (ME)	
4	Johnstown	1
	Penelac (PE)	1
	Conemaugh (C)	
	Homer City (HC)	
5	TMI	
6	Forked River (F/R)	
Total		14

593 261

GPU SERVICE CORPORATION
CORPORATE PLANNING
Div. 70

	Div/ Func	Loc	Bldg.		No. Emp.
Vice President - Corporate Planning	70A	2	I	B. H. Cherry	4
Executive Secretary	70A	2	I	S. G. O'Brien	
Senior Consultant	70A	2	I	A. J. Magyar	
Strategic Planning Manager	70B				
Engineer III - Research & Development	70A	2	I	D. F. Russell	20
Manager - Fuels	70B	2	I	V. P. Zodiaco	
Secretary Sr.	70B	2	I	P. A. Newkirk	
Fuel Resources Planning Manager	70B	2	I	W. T. Hood	
Administrative Clerk - Int.	70B	2	I	R. D. Singleton	
Analyst III - Fuels	70B	2	I	R. P. Patrone	
Fuel Analyst Sr. I	70B	2	I	P. J. Sipling	
	70B	2	I	T. Driscoll	
Administrative Assistant - Fuels	70B	2	I	M. E. Gannon	
Nuclear Fuel Resources Manager	70C	2	I	W. G. Runte, Jr.	
Secretary	70C	2	I	P. K. Daniel	
Analyst Sr. I - Fuels	70C	2	I	J. A. Vincent	
Engineer Sr. I - Uranium Specialist	70C	2	I	R. H. Young	
Uranium Resources					
Supervisor - Field Office	70D	2	A/NM	B. Rubin	
Fossil Fuel Resources Manager	70F	2	I	H. L. Goldstein	24
Analyst III - Fuel Cost	70F	2	I	R. L. Buchholz	
Coal Resources Manager	70F	3	R	W. J. Kmetz	
Secretary	70F	3	R	B. A. Schower	
Engineer II - Coal Resources	70F	3	R	C. K. Blankenship	
Engineer I - Coal Resources	70F	3	R	M. R. Harvey	
Analyst III - Fossil Fuel Resources	70F	3	R	D. C. McIntire	
Director - System Planning	70H	2	I	T. A. Ferrar	
Secretary Sr.	70H	2	I	L. M. Orwig	
Manager-Forecasting & Supply Planning	70K	2	I	M. Raber	
Secretary Sr.	70K	2	I	M. J. Sublette	
Generation Planning Manager	70K	2	I	E. F. Hunt, Jr.	
Engineer II - Planning	70K	2	I	R. G. McMillian	
Engineer III - Planning	70K	2	I	P. Yatcko	
Engineering Assoc. Sr. I - Planning	70K	2	I	R. W. Hasell	
Engineer Sr. II - Planning	70K	2	I	R. G. Hyland	
Forecasting Manager	70J	2	H	T. W. Jacob	
Secretary	70J	2	H	M. J. Daley	
Analyst Sr. II - Planning	70J	2	H	A. Costa	
Analyst I - Planning	70J	2	H	B. K. Becker	

593 262

GPU SERVICE CORPORATION
CORPORATE PLANNING
Div. 70

	Div/ Func	Loc	Bldg.	No. Emp.
Manager - Demand Planning	(1)	70Q		J. F. McConnell, Jr.
Load Management Manager				
Load Research & Analysis Manager	70M	2	I	J. M. Adams
Analyst Sr. - Economics	70M	2	I	R. Wisniewski
Supervisor - Load Research	70M	3	R	D. G. Steck
Analyst III - Load Research	70M	3	R	P. L. Hay
Administrator - Load Research	70M	3	R	C. R. Martin
Administrative Clerk	70M	3	R	B. J. Zieber
Analyst I - Load Research	70M	3	R	D. R. Hartung
Manager - Technology Assessment & Development	70Q	2	H	J. F. McConnell, Jr.
Secretary	70Q			
Technology Assessment Manager	70Q	2	H	D. J. Roberts
Analyst III - Planning	70Q	2	H	A. B. Brownstein
R&D Project Manager				
Engineer II - Research & Development	70Q	2	H	S. P. Kraft
Total				48

(1) J. F. McConnell, Jr., Manager-Technology Assessment & Development,
is also Acting Manager-Demand Planning.

Code	Location	No. Emp.
1	New York	
2	Parsippany	38
	Interpace (I)	29
	Mt. Lakes (ML)	
	Hartz (H)	8
	JCP&L (JC)	
	Albuquerque (A/NM)	1
3	Reading	10
	GPUSC (R)	10
	Met-Ed (ME)	
4	Johnstown	
	Penelec (PE)	
	Conemaugh (C)	
	Homer City (HC)	
5	TMI	
6	Forked River (F/R)	
Total		48

593 263

GPU SERVICE CORPORATION
GENERATION DIVISION
Div. 30

	Div/ Func	Loc	Bldg.		No. Emp.
Vice President	301	2	ML	R. C. Arnold	3
Executive Secretary	301	2	ML	A. J. House	
Senior Consultant	301	2	ML	R. L. Williams	
Director - Generation Operations	301	2	ML	J.L.C. Bachofer, Jr.	3
Confidential Secretary	301	2	ML	K. E. Gaul	
Engineer Sr. I - Generation	334	2	ML	D. V. Dyckman	
Manager-Generation Operations Support	331	3	R	D. E. Hetrick	30
Secretary Sr.	331	3	R	L. B. Quint	
System Laboratory Manager	332	3	R	F. D. Hopkins	
Supervisor-Environ. & Op. Chem. Sect.	332	3	R	R. E. Allen	
Chemist III	332	3	R	R. W. Ebert	
Lab Technician Sr.	332	3	R	C. E. Faust	
	332	3	R	R. L. Bickta	
Lab Technician	332	3	R	A. Marulla	
Lab Assistant Sr.	332	3	R	C. L. Stewart	
Chemist Sr. I	332	3	R	A. N. Hewing	
Supervisor - Chemical Section	332	3	R	P. S. Stoner	
Chemist III	332	3	R	R. M. Glass	
Chemist Sr. I	332	3	R	D. M. Bulgarelli	
Chemist II	332	3	R		
Lab Technician Sr.	332	3	R	W. C. Buchta	
	332	3	R	S. A. Babczak	
	332	3	R	R. F. Pettit, Jr.	
Lab Technician	332	3	R	S. T. Boyer	
	332	3	R	E. N. Eidam	
	332	3	R	D. A. Faust	
Lab Assistant Sr.	332	3	R	R. E. Bentz	
	332	3	R	R. L. Spradley	
Student Trainee - System Lab	332	3	R		
Supervisor - Materials Section	332	3	R	F. S. Giacobbe	
Engineer Sr. I - Metallurgy	332	3	R	R. L. Miller	
Engineer II - Metallurgy	332	3	R	J. W. Wood, Jr.	
Student Trainee - System Lab	332	3	R		
Lab Technician Sr.	332	3	R	D. A. Boarder	
Lab Assistant Sr.	332	3	R	E. I. Boarder	
Administrative Clerk Sr.	332	3	R	B. R. Kutz	
Clerk Typist	332	3	R		
Laboratory Specialist	332	3	R	W. C. Smith	
Clerk-Laboratory	332	3	R		
Engineer Sr. I - Start-up and Test	331	3	R	C. P. Deltete	
Chemist Sr. I	331	3	R	K. H. Frederick	
Manager - Generation Productivity	333	2	H	R. L. Long	6
Secretary Sr.	333	2	H	M. R. Gerstenmier	
Principal Engineer-Performance Analysis					
Engineer Sr. I - Mech. Engineering	333	2	H	Q. Billingsley	
Engineer III - Generation	333	2	H	R. K. Locke	
Statistician - Outage Records					
Engineer Sr. II - Maintenance Planning					
Engineer Sr. I					
Engineer III					
Technical Analyst Sr. I - Generation	333	2	H	J. L. Weiser	
Technical Analyst II - Generation	333	2	H	C. M. Niebo	

593 264

GPU SERVICE CORPORATION
GENERATION DIVISION
Div. 30

	Div/ Func	Loc	Bldg.	No. Emp.
Vice President				
Manager - Construction & Maintenance Service	344	2	ML	S. B. Palmeter
Secretary Sr.	344	2	ML	V. E. Sonnenberg
Construction Services				
Engineer Sr. I - Construction (Hdq. Bldg.)	344	2	ML	S. Horner
Administrator-Constr/Labor Relations	344	2	ML	T. G. Helfrich
Manager of Generation Division Support	345	2	ML	J. G. Hover
Secretary	345	2	ML	J. L. Brunn
Construction Controls Manager	345	2	ML	E. J. Miller
Secretary	345	2	ML	M. R. Scher
Engineer Sr. I - Project Control	345	2	ML	G. N. Chainani
Construction Project Staffs				
Supervisor Project Control	345			
Project Control Engr. Sr. I (PR)	345			
Engineer III - Schedule & Cost (PR)	345			
Engineer II - Schedule & Cost (PR)	345	6	FR	R. E. Herrmann
Engineer II - Project Control	345	2	ML	P. R. Omaggio
Budget/Finance/Special Projects				
Technical Analyst III - Construction	345	2	ML	C. J. Kelins
Administrative Clerk - Sr.	345	2	ML	C. E. Welch
Supervisor - Construction Controls	345	2	ML	G. E. Myers
Supervisor - Project Control	345	3	R	R. J. Williams
Technical Analyst II - Project Control	345	2	ML	J. M. Patterson
Engineer I - Project Control	345	2	ML	M. Fedish, Jr.
Engineer II - Schedule & Costs	345	2	ML	J. T. Wu
Supervisor - Office Management				
Supervisor - Division Planning				
Manager - Environmental Affairs	341	2	ML	J. R. Thorpe
Secretary Sr.	341	2	ML	A. S. Bell
Environmental Manager	341	2	ML	T. R. Sosey
Engineer III - Environmental	341	2	ML	D. M. O'Regan
Engineer II - Environmental	341	2	ML	M. E. Browne
	341	2	ML	D. Callahan
	341	2	ML	J. R. King
Licensing Manager	342	2	ML	E. G. Wallace
Engineer III - Safety & Licensing	342	2	ML	P. S. Feldman
	342	2	ML	W. E. Riethle III
	342	2	ML	C. W. Smyth
Engineering Assoc. Sr. II - S & L	342	2	ML	D. H. Reppert
Engineer I - Safety & Licensing	342	2	ML	R. M. Milford III
Analyst II - Licensing	342	2	ML	S. L. Guibord
Administrative Asst. I - Licensing	342	2	ML	L. G. Smith
Water Resources Manager	343	3	R	R. C. Richert
Secretary Sr.	343	3	R	B. E. Caples
Engineer Sr. I - Water Resources	343	3	R	R. I. Lachman
	343	3	R	J. C. Phillips

593 265

GPU SERVICE CORPORATION
GENERATION DIVISION
Div. 30

Div/
Func Loc Bldg.

No.
Emp.

Vice President

Director - Projects	301	2	ML	W. H. Hirst	40
Secretary Sr.	301	2	ML	M. A. Poulter	
Manager - Projects	311	2	ML	R. W. Heward, Jr.	
Secretary Sr.	311	2	ML	E. R. Holden	
Project Site Manager (FR)	311	6	FR	J. J. Barton	
Project Site Administrator	311	6	FR	G. I. Porr	
Engineer Sr. I - Mech. Eng. (TMI 2)	311	2	ML	R. C. Cutler	
Project Construction Mgr.	311	4	HC	W. T. Gunn	
Engineer II - Generation (TMI 2)	311	5	TMI	L. M. Zubey	
Tech. Analyst Sr. II (FR)	311	6	FR	J. A. Barrett	
Supervisor - Site Logistics (FR)	311	6	FR	C. J. Ferrell	
Project Construction Manager (FR)	311	6	FR	J. W. Griest	
Engineer Sr. I - Construction (FR)	311	6	FR	R. E. Hettler	
	311	6	FR	J. P. Kindzierski	
Engineer Sr. II - Generation (FR)	311	6	FR	T. E. Hreczuch	
Supervisor - Site Engineering (FR)	311	6	FR	S. Levin	
Supervisor - Site Operations	311	6	FR	J. A. Renshaw	
Project Manager - Generation (TMI)	311	2	ML	C. R. Montgomery	
Manager - Projects	312	2	ML	J. W. Henry	
Secretary Sr.	312	2	ML	K. M. Graham	
Project Manager-Generation (Seward 7/COHO)	312	2	ML	D. R. Rees	
Engineer Sr. II - Construction	312	4	HC	W. K. Aydelotte	
Project Const. Supv. - Fossil	312	4	HC	N. T. Esposito	
Engineering Asst. Sr. III - Constr.	312	4	HC	H. H. Hillard	
Logistics Support Manager	312	2	ML	J. E. McDonald	
Project Manager - Generation (Gilbert)	312	2	ML	R. J. Swed	
Project Support Manager	313	2	ML	M. K. Pastor	
Secretary	313	2	ML	J. L. Smith	
Logistics Support Manager	313	2	ML	J. E. Kunkel	
Engineer Sr. - Generation	313	2	ML	A. J. Tervo	
Engineer III - Generation	313	2	ML	R. G. Kazebee	
Engineering Asst. II - Generation	313	2	ML	G. M. Chukala	
Tech. Analyst Sr. II Proj. Ctrl.	313	2	ML	H. C. Eisnagle	
Administrative Clerk - Int.	313	2	ML	J. C. Heydt	
Supervisor - Generation Adm.	313	2	ML	A. Brown	
Administrator - Nuclear Gen.	313	2	ML	E. A. Albert	
Administrative Clerk Sr.	313	2	ML	J. E. Drescher	
	313	2	ML	E. C. Gately	
Clerk File	313	2	ML	L. B. McCartney	
Administrator - Projects-Generation	313	2	ML	F. L. Doswell	

GPU SERVICE CORPORATION
GENERATION DIVISION
Div. 30

	Div/ Func	Loc	Bldg.		No. Emp.
Vice President					
Director - Technical Functions	301	2	ML	R. F. Wilson	2
Secretary Sr.	301	2	ML	G. Perez	
Manager - Systems Engineering	321	2	ML	R. W. Keaten	27
Secretary Sr.	321	2	ML	C. J. Schinski	
Nuclear Fuels Manager	321	2	ML	G. R. Bond	
Secretary (1)	321	2	ML	J. L. McLeod	
Engineer Sr. I - Nuclear	321	2	ML	M. Zukor	
Engineer III - Nuclear	321	2	ML	R. V. Furia	
	321	2	ML	J. D. McCarthy	
Engineer Sr. II - Nuclear	321	2	ML	J. D. Luomo	
Engineer I Nuclear	321	2	ML	E. W. Barr	
	321	2	ML	R. B. Lee	
	321	2	ML	J. A. Easley	
Engineer Sr. I - Nuclear	321	2	ML	R. W. Pensak	
	321	2	ML	P. S. Walsh	
Plant Process Control Manager	321	2	ML	W. P. Hamilton	
Engineer III - Plant Process Control	321	4	C	P. D. Piazza	
Engineer Sr. I - Electrical Engineering	321	2	ML	L. Goldstein	
Engineer Sr. I - Plant Process Control	321	2	ML	R. A. Washick	
Engineer I - Plant Process Control	321	2	ML	D. DeMaio	
Control & Safety Analysis Manager	321	2	ML	T. G. Broughton	
Eng. III - Safety & Licensing	321	2	ML	L. C. Lanese	
Eng. Sr. I - Generation	321	2	ML	R. R. Lentz	
	321	2	ML	E. J. Schuler	
Eng. Sr. I - Safety Analysis	321	2	ML	N. G. Trikouros	
Preliminary Eng. Manager	321	2	ML	D. Slear	
Engineer Sr. I - Generation	321	2	ML	D. M. Smith	
	321	2	ML	W. M. Bogert, Jr.	
Engineer Sr. II - Mechanical Engineer	321	2	ML	S. D. Swetz	
Engineering Manager - (FR)	323	2	ML	J. C. Devine	10
Secretary	323	2	ML	A. M. Longo	
Engineering Assoc. Sr. I. QA	323	2	ML	D. Barcus	
Engineer III - Generation	323	2	ML	T. A. Fischer III	
	323	2	ML	B. M. McCutcheon	
	323	2	ML	G. M. Staudt	
Engineer Sr. II - Generation	323	2	ML	T.C.J. Golian	
Engineer Sr. I - Generation	323	2	ML	I. Feinberg	
	323	2	ML	J. W. Langenbach	
	323	2	ML	C. A. Mascari	
Engineering Manager - (Seward 7)	323	2	ML	B. D. Elam, Jr.	4
Secretary	323	2	ML	M. R. Hornick	
Engineer Sr. I - Civil	323	2	ML	J. Flynn	
Engineer III - Generation	323	2	ML	D. A. Cowdrick	

(1) Also Secretary for Plant Process Control

593 267

GPU SERVICE CORPORATION
GENERATION DIVISION
Div. 30

Div/
Func Loc Bldg.

No.
Emp.

Vice President

Director - Technical Functions (Cont'd)

Manager - Engineering & Design	322	2	ML	D. K. Croneberger	56
Secretary Sr.	322	2	ML	E. J. Meyer	
Engineer Sr. I - Mech. Eng.	322	2	ML	L. Caribbean	
Engineering Mechanics Manager	322	2	ML	A. P. Rochino	
Engineer III - Generation	322	2	ML	S. D. Leshnoff	
	322	2	ML	B. F. Bensinger	
	322	2	ML	A. Makitka, Jr.	
Engineer Sr. I - Generation	322	2	ML	K. M. Jasani	
	322	2	ML	W. Y. Wang	
Engineer II - Generation	322	2	ML	J. R. Volence	
Engineering Standards Manager	322	2	ML	J. A. Daniel	
Secretary Sr.	322	2	ML	R. A. Gower	
Engineer III - Standards	322	2	ML	P. E. Boucher	
Mechanical Design Manager	322	2	ML	G. R. Capodanno	
Secretary	322	2	ML	C. A. Ramirez	
Engineer II - Mech. Eng.	322	2	ML	J. D. Abramovici	
Consulting Eng. - Generation	322	2	ML	W. A. Crandall	
Engineer III - Mech. Engineering	322	2	ML	T. M. Dempsey	
Engineer Sr. II - Mech. Engineering	322	2	ML	M. Ross	
Engineer Sr. I - Mech. Engineering	322	2	ML	A. V. Sorokach	
	322	2	ML	H. H. Shah	
	322	2	ML	F. J. McGoe	
	322	2	ML	M. Morrell	
Engineer Sr. I - Generation	322	2	ML	G. L. Lehmann	
Engineer III - Mech. Engineering	322	2	ML	T. Lu	
Mechanical Components Engineering Manager	322	2	ML	J. P. Moore	
Secretary	322	2	ML	S. L. Picconi	
Engineer III - Mech. Engrng.	322	2	ML	J. J. Correa	
Engineer Sr. I - Mech. Engrng.	322	2	ML	W. F. Itschner	
Consulting Engineer - Gen.	322	2	ML	M. H. Kostrey	
Engr. Sr. I - Mech. Engrng.	322	2	ML	C. K. Lee	
	322	2	ML	F. G. Maus	
	322	2	ML	G. A. Ravasz	
Eng. Sr. I - Mech. Engrng.	322	2	ML	R. Spragg	
	322	2	ML	H. M. Tundel	
	322	2	ML	P. A. Zanis	
Engineer Sr. I - Generation	322	2	ML	A. P. Sumallo	
Eng. Coord. - Flue Gas Desulfurization	322	5	TMI	C. D. Good	
Electrical Pwr. & Instrum. Manager	322	2	ML	W. F. Schmauss	
Secretary	322	2	ML	E. E. Kopido	
Engineer Sr. I - Elect. Engineering	322	2	ML	G. R. Braultke	
Engineer Sr. II - Elect. Engineering	322	2	ML	R. J. Chisholm	
Engineer III - Controls	322	2	ML	S. R. Deshmukh	
Engineer Sr. II - Elect. Engineering	322	2	ML	J. J. Gulati	
	322	2	ML	J. A. Torcivia	
Engineer Sr. I - Elect. Engineering	322	2	ML	G. T. Steuerwald, Jr.	
	322	2	ML	A. L. VanRiper III	
	322	2	ML	T. C. Menzel	
Engineer III - Electrical	322	2	ML	B. Gan	
Design & Drafting Manager	322	2	ML	E. C. Donovan	
Drafting Designer Sr.	322	2	ML	E. Sartan	
	322	2	ML	I. Kefer	
	322	2	ML	D. J. Valteau	
Drafting Designer III	322	2	ML	L. R. Hillman	
	322	2	ML	M. A. Libano	
Drafting Designer I	322	2	ML	K. D. Itschner	

593 268

GPU SERVICE CORPORATION
GENERATION DIVISION
Div. 30

Div/
Func Loc Bldg.

No.
Emp.

Vice President

Director - Technical Functions (Cont'd)

Manager - Quality Assurance	324	2	ML	N. C. Kazanas	24
Secretary Sr.	324	2	ML	K. I. Shepherd	
Engineer Sr. II - QA	324	2	ML	M. J. Stromberg	
Engineer Sr. I - QA	324	2	ML	P. B. Magitz	
Engineer III - QA	324	6	FR	T. R. Block	
	324	2	ML	T. E. Manning	
	324	6	FR	R. J. Skibinski	
	324	2	ML	A. F. Parekh	
Sr. Site QA Auditor	324	6	FR	R. F. Fenti	
Quality Assurance Manager	324	2	ML	R. L. Wayne	
Secretary	324	2	ML	J. A. Rebholz	
Engineer III - QA	324	2	ML	E. W. Allen	
	324	2	ML	M. Gotthard	
	324	2	ML	A. Salcido, Sr.	
Project Site Manager QA (FR)	324	6	FR	J. E. Wright	
Engineer Asst. III QA	324	6	FR	G. L. Derk	
Engineer III - QA	324	6	FR	J. D. Godleski	
	324	6	FR	R. W. Liscom	
	324	6	FR	T. L. Corrie	
Engineer Sr. I - QA	324				
Quality Assurance Manager	324	2	ML	D. G. Barlow	
Engineer II - QA	324	2	ML	J. D. Bansch	
	324	2	ML	M. E. Durbecq	
Engineering Asst. III - QA	324	2	ML	R. J. Guimond	
Engineering Associate Sr. I - QA	324	6	FR	L. E. Lundstrom	

Total

• 242

Code	Location	No. Emp.
1	New York	
2	Parsippany	180
	Interpace (I)	
	Mt. Lakes (ML)	174
	Hartz (H)	6
	JCP&L (JC)	
	Albuquerque (A/NM)	
3	Reading	35
	GPUSC (R)	35
	Met-Ed (ME)	
4	Johnstown	5
	Penelec (PE)	
	Conemaugh (C)	1
	Homer City (HC)	4
5	TMI	2
6	Forked River (F/R)	20
	Total	242

593 269

GPU SERVICE CORPORATION
POWER SUPPLY DIVISION
Div. 65

	Div/ Func	Loc	Bldg.	
Vice President - Power Supply	651	2	H	R. H. Sims
Executive Secretary	(1) 651	2	H	P. D. Devlin
Manager Power Supply	655	2	H	R. O. Bright
Manager-Power Supply Contracts	655	2	H	T. G. Seal
Secretary	(2) 655	2	H	M. D. Morgan
Engineer Sr. II-Contracts	655	2	H	H. E. Blaicher
Analyst-Operations Statistics	655	2	H	J. E. Conway
Manager - Transportation	653	2	H	J. L. Williams
Secretary	653	2	H	A. M. Rubino
Transportation Maintenance Mgr.	653	2	H	W. Stewart
Administrative Asst. - Transportation	653	2	H	A. R. Murphy
Project Coordinator II - Transportation	653	2	H	V. Murphy
Administrative Clerk	653	2	H	H. W. Eisnaugle
Engineer II - Transportation	653	2	H	E. L. Anderson
Manager - Telecommunications/Electronics	654	2	H	S. J. Loferski
Engineering Assoc. III - Tele./Elec.	654	2	H	W. W. Bryant
Engineer III - Tele./Elec.	654	2	H	K. D. Gupta
	654	2	H	J. C. Hafer
Engineering Asst. - Tele./Elec.	654	2	H	W. P. Delaney
Engineer Sr. I - Tele./Elec.	654	2	H	T. W. Cowan

Total

20

- (1) Also Secretary for Power Supply (655)
(2) Also Secretary for Telecommunications-Electronics (654)

Code	Location	No. Emp.
1	New York	
2	Parsippany	20
	Interpace (I)	
	Mt. Lakes (ML)	
	Hartz (H)	20
	JCP&L (JC)	
	Albuquerque (A/NM)	
3	Reading	
	GPUSC (R)	
	Met-Ed (ME)	
4	Johnstown	
	Penelec (PE)	
	Conemaugh (C)	
	Homer City (HC)	
5	TMI	
6	Forked River (F/R)	
	Total	20

GPU SERVICE CORPORATION
RATE CASE MANAGEMENT DIVISION
Div. 95

	Div/ Func	Loc	Bldg.		No. Emp.
Vice President	951	2	I	F. D. Hafer	16
Executive Secretary	951	2	I	J. M. Barbieri	
Administrative Assistant	951				
Formal Rate Case - Director	951				
Sr. Staff Analyst - Contracts	951	2	I	L. P. Gentieu	
Analyst Sr. - Rates	951	2	I	D. E. Carroll	
Research Analyst	951				
Jr. Research Analyst	951				
Administrative Clerk	951				
Assistant Vice President	952	3	R	E. F. Carter	
Secretary Sr.	952	3	R	J. A. VanKirk	
Resale Rates					
Resale Rates Manager	952	3	R	S. E. Gordon	
Accountant - Staff	952	3	R		
Administrative Clerk	952	3	R	G. O. Faust	
Student Trainee - Rates	952	3	R	C. J. DeStasio	
Retail Rates					
Supervisor - Rate Design	952	3	R	R. J. Galgon	
Engineer Sr. I - Rates	952	3	R	P. B. Grunzig	
Analyst II - Rates	952	3	R	R. G. Woodring	
	952	3	R	J. F. McGeoy	
Cost of Service					
Supervisor - Cost Studies	952	3	R	S. J. Solak	
Analyst II - Rates	952	3	R	M. L. Kadilak	
Analyst I - Rates	952	3	R	M. K. Campbell	
Total					16

Code	Location	No. Emp.
1	New York	
2	Parsippany	4
	Interpace (I)	
	Mt. Lakes (ML)	
	Hartz (H)	
	JCP&L (JC)	
	Albuquerque (A/NM)	
3	Reading	12
	GPUSC (R)	
	Met-Ed (ME)	
4	Johnstown	
	Penelec (PE)	
	Conemaugh (C)	
	Homer City (HC)	
5	TMI	
6	Forked River (F/R)	
Total		16

GPU SERVICE CORPORATION
SYSTEM OPERATIONS DIVISION
Div. 60

	Div/ Func	Loc	Bldg.		No. Emp.
Vice President - System Operations	60A	3	R	E. Newton, Jr.	3
Executive Secretary	(1) 60A	3	R	R. G. Pizzutelli	
Staff Assistant - Operations	60A	3	R	A. J. Nigrelli	1
Assistant Vice President	60A	3	R	R. W. Werts	
Director - System Operations	60C	3	R	J. D. Gassert	53
Manager - System Operations	60C	3	R	J. R. Norton	
Supervisor - System Operations	60C	3	R	G. F. Arentz	
Group Load Director	60C	3	R	R. M. Fink	
	60C	3	R	R. T. Karbel	
	60C	3	R	G. J. Lawrey	
	60C	3	R	E. R. Niedrowski	
	60C	3	R	E. W. Schappell	
	60C	3	R	W. M. Stokes, Jr.	
Assistant Group Load Director	60C	3	R	N. W. Amole	
	60C	3	R	M. W. Fishburn	
	60C	3	R	T. G. McNamara	
	60C	3	R	W. M. Smith	
	60C	3	R	L. C. Bricker, Jr.	
	60C	3	R	R. L. Schreader	
	60C	3	R	R. P. Straver	
Group Load Coordinator	60C	3	R	R. S. Drager	
Asst. Group Load Coordinator	60C	3	R	W. H. Surgeoner	
Eng. Assoc. II - Trans. Planning	60K	3	R	J. P. Soltysik, Jr.	
Supervisor-System Operations Support	60C	3	R	J. E. Perez	
Eng. Asso. III - System Oper.	60C	3	R	J. G. Koller	
Manager - System Economy	60C	3	R	R. E. Steger	
Coordinator-Interchange Analysis	60C	3	R	R. I. Stephens	
Interchange Analyst Sr.	60C	3	R	V. A. Coldren	
	60C	3	R	N. C. Master	
	60C	3	R	J. J. Sensenig	
	60C	3	R	R. C. Scrimshaw	
Interchange Analyst	60C	3	R	J. M. Dobiesky	
	60C	3	R	L. E. Nagle	
	60C	3	P	J. H. Williamson	
	60C	3	R	P. W. Albright	
	60C	3	R	M. E. Guerin	
Tech. Analyst II - System Oper.	60C	3	R	V. K. Hurdle	
Coordinator-Interchange Budgets	60C	3	R	J. P. Sensenig	
Engineering Asst. Sr. I	60I	3	R	C. W. Beard	
Engineer III - Econ.	60C	3	R	R. M. Groff, Jr.	
Engineer III	60K	3	R	R. F. Paparella	
Engineer Associate I - Econ.	60C	3	R	J. S. Iwanowski	
Engineer Associate III	60K	3	R	D. J. Pomian	
Manager-System Control	60C	3	R	L. A. Schmidbauer	
Supervisor-Process Control	60C	3	R	R. R. Manwiller	
Analyst Sr.	60C	3	R	J. E. Lebo	
	60C	3	R	R. W. Stine	
Analyst	60C	3	R	J. B. Nesbitt, Jr.	
	60C	3	R	K. M. Satter	
Supervisor-Comm. & Electronic Maint.	60C	3	R	P. C. Gardner	
Tech. Analyst Sr. I-Div. Elect.	60C	3	R	R. H. Hamilton	
	60C	3	R	D. A. Young	
Tech. Analyst III - Div. Elect.	60C	3	R	J. C. Arentz	
Engineer Sr. II - Elect. Control	60C				
Engineer I - Elect. Control	60C				
Manager-System Control Development	60C	3	R	R. P. Whitesell	
Secretary	60C	3	R	M. E. Lewis	
Engineer III - Elect. Control	60C	3	R	R. W. Bryant	
Administrative Clerk Sr.	60C	3	R	A. E. Gelsinger	

GPU SERVICE CORPORATION
SYSTEM OPERATIONS DIVISION
Div. 60

	Div/ Func	Loc	Bldg.		No. Emp.
Manager - System Planning & Analysis	60K	3	R	S. C. Thomas	11
Secretary	60K	3	R	S. A. Degler	
Supervisor - Transmission Planning	60K	3	R	W. B. Barrick	
Engineer III - Trans. Planning	60K	3	R	M. A. Matijasich	
	60K	3	R	D. D. McKinney	
Engineer II - Trans. Planning	60K	3	R	R. A. Bender	
	60K	3	R	M. A. Nazarek	
Supervisor - Interconnection Planning	60K	3	R	K. T. Wright	
Engineer III - Trans. Planning	60K	3	R	R. G. Britigan	
	60K	3	R	R. J. Hrabak	
Engineer Sr. II - System Analysis	60K	3	R	J. R. Duncan	
Manager - Operations Trans. & Dist.	60J	3	R	R. E. Dudley	2
T & D Const. Maintenance Mgr.	60J	3	R	C. M. Daniels	
Manager - Trans. & Dist. Engineering	60I	3	R	G. H. Huston	6
Secretary Sr.	60I	3	R	J. R. Brudereck	
Manager - Transmission Engineering	60I	3	R	D. E. Massey	
Engineer S. II-Transmission Plan.	60I	3	R	P. L. Scarff, Jr.	
Manager - Distribution Engineering	60I	3	R	C. E. Snelson	
Supervisor - Dist. Eng.					
Supervisor - Stds. Eng.	60I	3	R	P. F. Jackson	
Total					76

(1) Also Secretary for Asst. V.P., R. W. Werts, and for Consultant, E. S. Loane.

C/de	Location	No. Emp.
1	New York	
2	Parsippany	
	Interpace (I)	
	Mt. Lakes (ML)	
	Hartz (H)	
	JCP&L (JC)	
	Albuquerque (A/NM)	
3	Reading	76
	GPUSC (R)	76
	Met-Ed (ME)	
4	Johnstown	
	Penelec (PE)	
	Conemaugh (C)	
	Homer City (HC)	
5	TMI	
6	Forked River (F/R)	
Total		76

GPU SERVICE CORPORATION
CORPORATE SECRETARY DIVISION
Div. 15

	Div/ Func	Loc	Bldg.		No. Emp.
Corporate Secretary	151	2	H	H. M. Graydon	23
Assistant Corporate Secretary	151	2	H	G. Wade	
Executive Secretary	151	2	H	K. M. Goldstein	
Administrative Assistant - Corporate Secretary	151	2	H	V. F. Leto	
Administrative Asst. - Stockholder Relations	151	2	H	D. A. Kent	
Secretary Sr.	151	2	H	J. M. Adams	
Manager - Information Mgmt.	155	3	R	R. E. Nevling	
Supervisor - Typist	153	2	H	F. Jones	
Coordinator - Word Processing	153	2	H	F. A. James	
Word Processing Specialist Sr.	153	2	H	C. O'Donnell	
	153	2	I	L. M. Kerrigan	
	153	2	H	S. A. Odom	
	153	2	I	V. A. Mishkin	
	153	2	K	S. C. Schiller	
	153	2	ML	E. M. Smisek	
	153	2	R	E. C. DePaul	
Coordinator - Word Processing	153	3	R	J. L. Kurtz	
Word Processing Specialist Sr.	153	3	R	J. E. Smith	
	153	3	R	M. P. Glazier	(T)
Director - Records	152	2	H	R. E. Claycomb	
Coordinator - Records Management	152	2	H	W. R. Correll, Jr.	
Supervisor - Records	152	2	H	J. J. Aikman	
Clerk - File	152	2	H	J. G. Thomas	
	152	2	H	A. G. Rudnicki	
Staff Asst. II - Corporate Secretary	152	2	H	R. L. Clayton	
Administrative Clerk - Int.	152	2	H	M. A. Delmonte	
Graphic Specialist	154	2	H	J. H. Huston	
Administrative Clerk Sr.	154	2	H	C. A. Palkovic	
	154	2	H	D. R. Long	
Total					29

Includes: 1 Temporary (T)

Code	Location	No. Emp.
1	New York	
2	Parsippany	25
	Interpace (I)	2
	Mt. Lakes (ML)	1
	Hartz (H)	22
	JCP&L (JC)	
	Albuquerque (A/NM)	
3	Reading	4
	GPUSC (R)	4
	Met-Ed (ME)	
4	Johnstown	
	Penelec (PE)	
	Conemaugh (C)	
	Homer City (HC)	
5	TMI	
6	Forked River (F/R)	
Total		29

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