

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

BEFORE THE ATOMIC SAFETY AND LICENSING BOARD

In the Matter of	)	
	)	
CAROLINA POWER & LIGHT COMPANY	)	Docket No. 50-261-OLA
	)	
(H. B. Robinson Steam Electric	)	ASLBP No. 83-484-03LA
Plant, Unit 2)	)	

SUPPLEMENT TO APPLICANT'S ANSWERS TO THE  
HARTSVILLE GROUP SECOND SET OF INTERROGATORIES  
AND REQUESTS TO PRODUCE

INTERROGATORY NO. 1-2. Describe in detail the administrative structure of each of the following CP&L departments. The description should include the Table of Organization with the incumbent in each position identified and assignment of responsibilities for ensuring adherence to NRC operating procedures, rules and regulations.

- a) Corporate Quality Assurance
- b) Corporate Nuclear Safety and Research
- c) Nuclear Operations Department
- d) Nuclear Plant Engineering Department
- e) Nuclear Plant [sic] Construction Department

\* \* \* \*

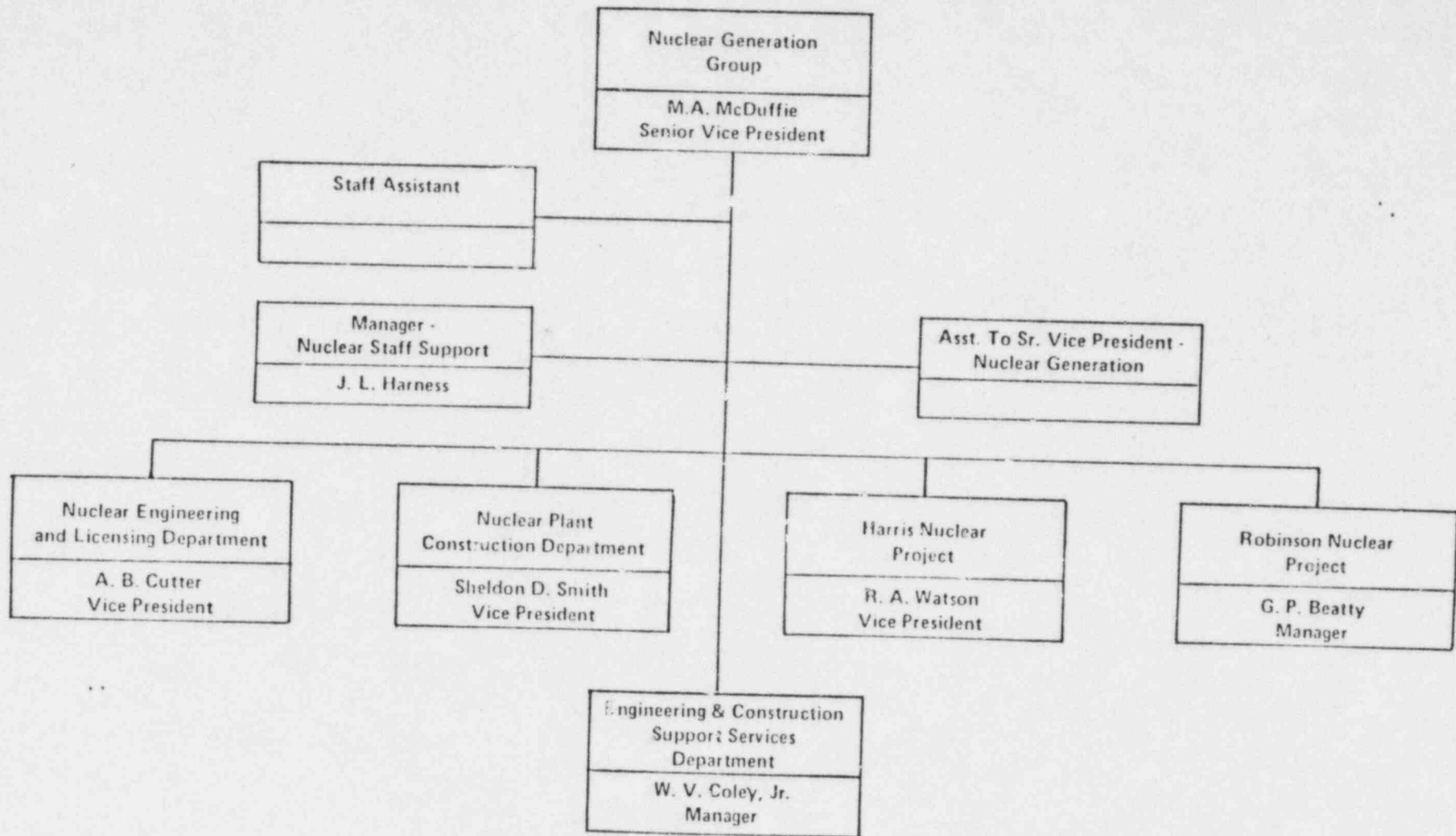
Since the service of CP&L's answers to the Hartsville Group's Second Set of Interrogatories on August 18, 1983, organizational changes involving management of CP&L's nuclear facilities have been made and announced. CP&L hereinbelow supplements its answers to Interrogatories 1-2 and 1-3 as follows:

SUPPLEMENT TO ANSWER 1-2. The CP&L departments described as c), d) and e) above have been reorganized and their functions included within the recently

formed Nuclear Generation Group headed by a Senior Vice President-Nuclear Generation. The new departments and section making up the Nuclear Generation Group are: Harris Nuclear Project Department; Robinson Nuclear Project Department; Nuclear Engineering & Licensing Department; Nuclear Plant Construction Department; Engineering & Construction Support Services; and Nuclear Staff Support Section.

This Group is organized and briefly described as follows:

# NUCLEAR GENERATION GROUP



## HARRIS NUCLEAR PROJECT DEPARTMENT

The Harris Nuclear Project Department is divided into five major sections: Harris Plant Operations; Harris Plant Engineering; Harris Plant Construction; Harris Project Administration; and Harris Plant Planning and Controls Section. The responsibilities of these Sections are briefly described below:

### Harris Plant Operations Section

This Section is responsible for the operation, maintenance, and management of the nuclear generating facilities at the Harris Site. The Section is headed by the General Manager with three subordinate units: Assistant to General Manager, Plant Operations, and Technical Support.

The General Manager-Harris Plant reports to the Vice President-Harris Nuclear Project Department. The General Manager is responsible for the safe, efficient, and dependable operation of CP&L's generating unit.

### Harris Plant Engineering Section

This Section is responsible for providing the design and engineering for the Shearon Harris Nuclear Project, including engineering support of site activities, and for accomplishing corporate, group and departmental goals associated with the project. The Section fulfills these responsibilities by managing the contract for architect/engineer services; by providing technical direction for project design; by performing site engineering support to Construction and Operations, including specified design activities; and by managing the procurement of engineered equipment.

#### Harris Plant Construction Section

This Section has the responsibility for construction management of the Shearon Harris Nuclear Project and for control of the constructor and various contractors who work on the site. The Section is headed by the Project General Manager with five subordinate units: Assistant Project General Management, Construction Services, Project Costs and Accounting, Project Analysis, and Electrical Construction.

#### Harris Project Administration Section

This Section provides a range of support services including document control, materials management, information service, training coordination, employee relations coordination, computer services coordination, office services and security.

#### Harris Plant Planning and Controls Section

This Section provides planning and scheduling, cost and accounting, and industrial engineering support and services to site management.

## ROBINSON NUCLEAR PROJECT DEPARMENT

The Robinson Nuclear Project Department consists of the Robinson Plant Operations Section; the Project Construction Section; the Design Engineering Section; the Planning and Scheduling Section, and the Control and Administration Section.

### Robinson Plant Operations Section

This Section is responsible for the operation and maintenance of the Robinson Plant. The Section is divided into four units: the Operations and Maintenance Unit, the Technical Support Unit, the Environmental and Radiation Control Unit, and the Regulatory Compliance Unit.

### Project Construction Section

This Section is responsible for the construction activities involving major modifications or additions to the Robinson Plant, including: completing project assignments in a manner which minimizes impact on plant operations, keeping management informed, and meeting all regulatory and CP&L requirements. The Section is divided into two units: the Construction Unit and the Mechanical Unit.

### Design Engineering Section

This Section is responsible for all design engineering at the Robinson Plant including: coordination of large design engineering Projects with the

Nuclear Engineering and Licensing Department, completing special reviews and safety analyses, and maintaining as-built drawings.

#### Planning and Scheduling Section

This Section is responsible for project planning and scheduling including: maintaining the outage-refueling-maintenance master schedule, modification preparation and implementation, in-service inspection program, radwaste shipments, environmental programs, and other plant and CP&L plans and programs.

#### Control Administration Section

This Section is responsible for project administrative activities including: budgetary and costs control, personnel administrative matters, project authorizations, security program, emergency preparedness program, plant procedures, and other duties and responsibilities as directed by the Manager-Robinson Nuclear Project Department.



## NUCLEAR ENGINEERING & LICENSING DEPARTMENT

The Nuclear Engineering and Licensing Department is divided into four sections: the Nuclear Licensing Section and three Engineering sections. In addition, the department Vice President has a Director - Safety Review - Nuclear Engineering on his staff.

### Nuclear Licensing Section

This Section acts as CP&L's interface with the NRC Office of Nuclear Reactor Regulation (ONRR) and the Office of Inspection and Enforcement. The Section is responsible for coordination and preparation of responses to all ONRR activities, and the preparation of license amendment requests, revisions to the technical specifications, FSAR revisions, and other licensing documents. The Section advises CP&L management on critical licensing issues and ensures that all incoming NRC correspondence is routed properly and that responses are prepared to address licensing issues accurately.

The Section also is responsible for coordinating CP&L's nuclear activities with INPO, AIF, and EEI, the NRC Commitment Tracking Program, and other special nuclear activities.

### Engineering

The nuclear engineering sections provide technical support and guidance to the nuclear projects and maintain internal design engineering expertise to meet current and future demands.



The engineering activities are performed by three sections, two responsible for design activities performed entirely by CP&L personnel, or by CP&L personnel with limited outside support, and one, the Nuclear Engineering Projects Section, responsible for direction of outside engineered projects and for coordination of all department engineering with the nuclear projects. The Nuclear Engineering Projects Section is in the process of initial staffing; certain section responsibilities are still being carried out within the Engineering Support Sections.

#### Nuclear Engineering Projects Section

This Section is responsible for coordinating and interfacing with the operating nuclear project departments to assure effective utilization of the NELD resources and services.

Principal Engineers will direct the performance of A/E full-scope projects and provide direction for technical support resources on temporary site assignment (such as outage coverage), arrange for maintenance and test engineer services, provide for scheduling of newly-identified projects, coordinate plant and construction review of modification packages, and identify to management potential problems and recommended solutions to ensure effective completion of task assigned to the NELD. They also will provide a technical resource in support of technical review of outside A/E design products.

An Engineering Administration subunit assigned to this section centralizes document control, drawing management, QA comment and audit response, and

procedures and coordination in support of the three sections performing design engineering, modification and support activities.

#### Engineering Support

The two Engineering Support Sections provide design and engineering products (drawings, specifications, etc.), engineering for procurement, and support for construction and startup for modifications beyond the scope of plant organizations. The sections are organized into units by technical discipline, and each unit headed by a Principal Engineer who provides the technical expertise to assure control of the design activities.

The Engineering Support, Nuclear Plant Section I will concentrate on mechanical and electrical systems design, including radwaste and other process functions. Section II will concentrate on civil, structural, architectural and analytical functions.

#### Director-Safety Review, Nuclear Engineering

The primary responsibilities of the Director-Safety Review, Nuclear Engineering are to review documents generated by CP&L's nuclear organization and A/Es to identify problems or potential problems in engineered safeguards systems and plant safety features; to assess activities and trends in the industry regarding design and operation of safety features; to provide feedback to preclude potential nuclear safety problems in ongoing plant designs and design of modification; and to assure that ALARA concepts for radiation control are considered in engineered designs.

### NUCLEAR PLANT CONSTRUCTION DEPARTMENT

The Nuclear Plant Construction Department consists of the Vice President, an administrative unit, the Construction Support Section and the Construction Procurement and Contracting Section. The Department conducts all procurement and contracting activities required to support the completion of construction projects and provides construction support to the three Nuclear Project Departments.

#### ENGINEERING & CONSTRUCTION SUPPORT SERVICES DEPARTMENT

The Engineering & Construction Support Services Department provides support services to the other Departments within CP&L in the areas of estimating, schedule coordination, budgeting, cost control, cost reporting, construction accounting, information management, and construction security oversight.

#### NUCLEAR STAFF SUPPORT SECTION

The Nuclear Staff Support Section assists the Senior Vice President-Nuclear Generation, and the Executive Vice President-Power Supply and Engineering and Construction, in achieving a high degree of consistency among nuclear plants.

This Section is primarily responsible for coordinating the implementation and maintenance of programs that require high technical knowledge of methods and procedures and that should be relatively consistent among the plants, and for operational security oversight.

## RESPONSIBILITY ASSIGNMENTS

All personnel, whether employees of or contractors to CP&L, are responsible for adhering to applicable NRC operating and administrative procedures, rules, and regulations. Specific line management responsible for ensuring adherence to these requirements is delegated to the applicable plant Section Managers. This delegation of authority flows from a chain of command beginning with the Chairman/President and CEO and from there to the Executive Vice President - Power Supply and Engineering and Construction, then to the Senior Vice President - Nuclear Generation, and then to the respective Vice Presidents and Manager under said Senior Vice President. In the case of the Brunswick Plant, the delegation of authority flows after said Executive Vice President to the Vice President - Brunswick Nuclear Project.

INTERROGATORY NO. 1-3. For each person who has occupied the position of Plant Manager at Robinson, Brunswick or Harris since January 1, 1978, please provide that person's name, current position and address, and a statement of professional qualifications.

SUPPLEMENT TO ANSWER 1-3. With respect to the Robinson Plant, Guy P.

Beatty, Jr., Post Office Box 790, Hartsville, South Carolina 29550, is now the Manager-Robinson Nuclear Project. His professional qualifications are set forth in CP&L's Answer to Interrogatory 1-1 (Second Set).

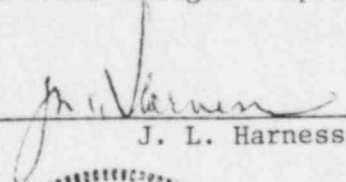
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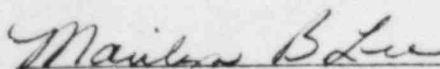
AFFIDAVIT OF J. L. HARNESS

WAKE COUNTY       )  
                          )  
NORTH CAROLINA    )

J. L. Harness, being duly sworn according to law, deposes and says that he is Manager-Nuclear Staff Support Section with Carolina Power & Light Company; that the Supplement to Applicant's Answers to Interrogatory 1-2 (excepting the portions pertaining to Nuclear Engineering & Licensing Department, Nuclear Plant Construction Department and Engineering & Construction Support Services Department) and Interrogatory 1-3 contained in Supplement to Applicant's Answers to The Hartsville Group Second Set of Interrogatories to Applicant, are true and correct to the best of his knowledge, information and belief, and that the sources of his information are officers and employees of Carolina Power & Light Company.

  
\_\_\_\_\_  
J. L. Harness

Sworn to and subscribed before me  
this 13th day of January, 1984.

  
\_\_\_\_\_  
Notary Public

My commission expires: 11/15/87





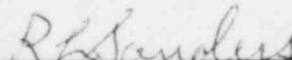
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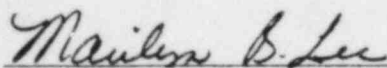
AFFIDAVIT OF R. L. SANDERS

WAKE COUNTY       )  
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NORTH CAROLINA    )

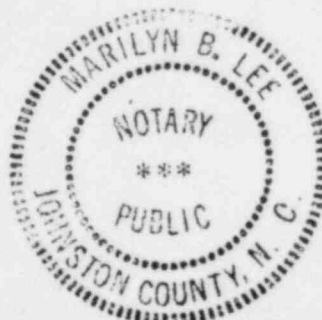
R. L. Sanders, being duly sworn according to law, deposes and says that he is Manager-Engineering Support, Nuclear Plants Section with Carolina Power & Light Company; that the Supplement to Applicant's Answer to Interrogatory 1-2 pertaining to the Nuclear Engineering & Licensing Department contained in Supplement to Applicant's Answers to The Hartsville Group Second Set of Interrogatories to Applicant, is true and correct to the best of his knowledge, information and belief, and that the sources of his information are officers and employees of Carolina Power & Light Company.

  
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R. L. Sanders

Sworn to and subscribed before me  
this 16th day of January, 1984.

  
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Notary Public

My commission expires: 11-15-87



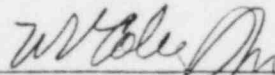
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AFFIDAVIT OF W. V. COLEY, JR.

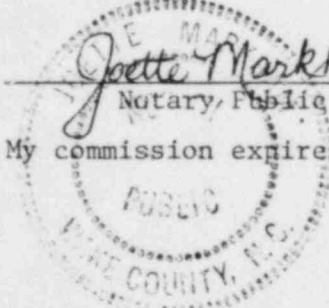
WAKE COUNTY       )  
                              )  
NORTH CAROLINA    )

W. V. Coley, Jr., being duly sworn according to law, deposes and says that he is Manager-Engineering and Construction Support Services with Carolina Power & Light Company; that the Supplement to Applicant's Answer to Interrogatory 1-2 pertaining to the Engineering and Construction Support Services Department contained in Supplement to Applicant's Answers to The Hartsville Group Second Set of Interrogatories to Applicant, is true and correct to the best of his knowledge, information and belief, and that the sources of his information are officers and employees of Carolina Power & Light Company.



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W. V. Coley, Jr.

Sworn to and subscribed before me  
this 12<sup>th</sup> day of January, 1984.

  
\_\_\_\_\_  
Joette Markham  
Notary Public  
My commission expires: 2-16-88

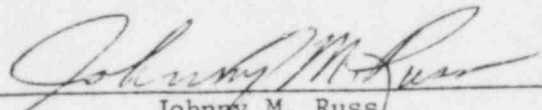
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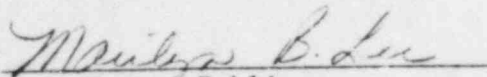
AFFIDAVIT OF JOHNNY M. RUSS

WAKE COUNTY       )  
                          )  
NORTH CAROLINA    )

Johnny M. Russ, being duly sworn according to law, deposes and says that he is Construction Specialist-Staff, Nuclear Plant Construction Department with Carolina Power & Light Company; that the Supplement to Applicant's Answer to Interrogatory 1-2 pertaining to the Nuclear Plant Construction Department contained in Supplement to Applicant's Answers to The Hartsville Group Second Set of Interrogatories to Applicant, is true and correct to the best of his knowledge, information and belief, and that the sources of his information are officers and employees of Carolina Power & Light Company.

  
\_\_\_\_\_  
Johnny M. Russ

Sworn to and subscribed before me  
this 13<sup>th</sup> day of January, 1984.

  
\_\_\_\_\_  
Notary Public

My commission expires: 11-15-87

