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 FACIL: 50-395 Virgil C. Summer Nuclear Station, Unit 1, South Carol      05000395  
 AUTH. NAME      AUTHOR AFFILIATION  
 NAUMAN, D. A.      South Carolina Electric & Gas Co.  
 RECIP. NAME      RECIPIENT AFFILIATION  
 DENTON, H. R.      Office of Nuclear Reactor Regulation, Director (post 851125)

SUBJECT: Discusses organizational structure changes made to enhance  
 managerial accountability of various groups in nuclear  
 operations dept. Marked-up Tech Spec Figures 6.2-1 & 6.2-2  
 encl. Fee paid.

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1. The first part of the report is a summary of the work done during the past year.

2. The second part is a detailed description of the work done during the past year.

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**SCE&G**

A SCANA Company

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Dan A. Nauman  
Vice President  
Nuclear Operations

August 25, 1986

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

8608260091 860825  
PDR ADDCK 05000395  
P PDR

Subject: Virgil C. Summer Nuclear Station  
Docket No. 50/395  
Operating License No. NPF-12  
Technical Specification  
Organizational Structure Changes

Dear Mr. Denton:

South Carolina Electric and Gas Company (SCE&G) has determined some organization changes are required to enhance managerial accountability of the various groups in the Nuclear Operations Department. In addition, several editorial changes to Figures 6.2-1 and 6.2-2 are being made to reflect correct titles and functional alignments. Please refer to both the attached marked-up copies of Figures 6.2-1 and 6.2-2, provided for illustrative purposes, and the smooth retyped versions of these figures.

Organizational changes concerning upper management have been made in recent months; however, these changes did not alter the organizational structure under the Vice President, Nuclear Operations. As shown in Figure 6.2-1, this restructuring changed the title of Senior Vice President, Power Operations, to Senior Vice President, Nuclear Power, Construction and Production Engineering.

In the Nuclear Services Division, shown on Figure 6.2-1, three group manager positions have been combined into two, resulting in greater efficiencies and tighter spans of control. Regulatory and Support Services, and Nuclear Education and Training are combined under one group manager, that of Nuclear Regulatory and Developmental Services. This position has the Manager, Nuclear Licensing; Manager, Corporate Health Physics and Environmental Programs; Manager, Nuclear Operations Education and Training; and Manager, Nuclear Technical Education and Training reporting to him. There are no changes under Technical Services.

On Figure 6.2-1 the Quality Services Organization now includes the Procurement Group of the Nuclear Operations Department. The title of Quality Services is changed to Quality and Procurement Services, now headed by a director who has the Manager, Materials and Procurement; Manager, Quality Assurance; and Manager, Quality Control reporting to him.

On Figure 6.2-2 the Security Organization has been reporting administratively offsite and functionally onsite to the Group Manager, Technical and Support Services. This organization now reports administratively and functionally to Technical and Support Services. The Regulatory Compliance Group will now report offsite to the Manager, Nuclear Licensing in the Nuclear Regulatory and Developmental Services Organization. Functionally, this group will remain at the Station and fully support the Director of Nuclear Plant Operations.

11/11 w/Chuck  
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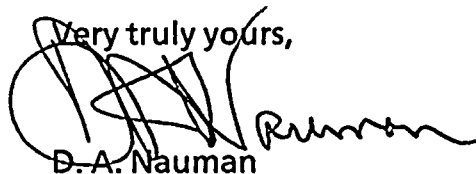
Mr. Harold R. Denton  
Page Two  
August 25, 1986

SCE&G has determined that this change involves a No Significant Hazards Determination based on the fact that the organizational changes have been initiated to further enhance managerial accountability for the groups affected.

These changes have been reviewed and approved by both the Plant Safety Review Committee and the Nuclear Safety Review Committee. A check in the amount of one hundred fifty dollars (\$150.00) is enclosed to initiate the processing of this request.

In conversations with Region II and NRR, it was determined these limited organizational changes would be implemented on the submittal date of this letter.

If you have any questions, please advise.

Very truly yours,  
  
D. A. Nauman

JGC:DAN:jlb

Attachments

pc: O. W. Dixon, Jr./T. C. Nichols, Jr.  
E. H. Crews, Jr.  
E. C. Roberts  
J. G. Connelly, Jr.  
D. R. Moore  
O. S. Bradham  
W. A. Williams, Jr.  
J. Nelson Grace  
Group Managers  
C. A. Price  
C. L. Ligon  
R. M. Campbell, Jr.  
K. E. Nodland  
R. A. Stough  
G. O. Percival  
R. L. Prevatte  
J. B. Knotts, Jr.  
H. G. Shealy  
NPCF  
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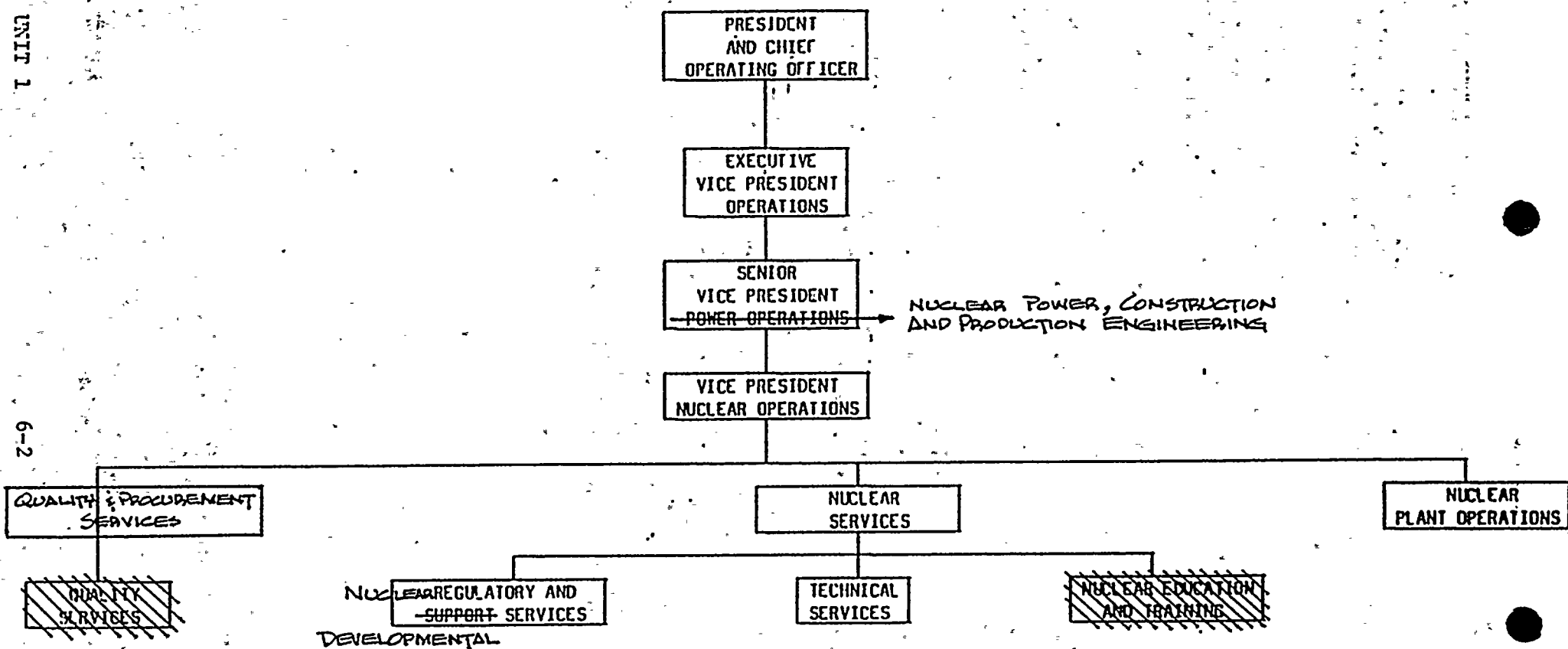


FIGURE 6.2.1  
SOUTH CAROLINA ELECTRIC AND GAS COMPANY  
VIRGIL C. SUMMER NUCLEAR STATION  
OFFSITE ORGANIZATION

## ADMINISTRATIVE CONTROLS

- f. Administrative procedures shall be developed and implemented to limit the working hours of unit staff who perform safety-related functions; e.g., senior reactor operators, reactor operators, health physicists, auxiliary operators, and key maintenance personnel.

Adequate shift coverage shall be maintained without routine heavy use of overtime. However, in the event that unforeseen problems require substantial amounts of overtime to be used, or during extended periods of shutdown for refueling, major maintenance or major plant modifications, on a temporary basis, the following guidelines shall be followed:

- a. An individual should not be permitted to work more than 16 hours straight, excluding shift turnover time.
- b. An individual should not be permitted to work more than 16 hours in any 24-hour period, nor more than 24 hours in any 48-hour period, nor more than 72 hours in any seven day period, all excluding shift turnover time.
- c. A break of at least eight hours should be allowed between work periods, including shift turnover time.
- d. Except during extended shutdown periods, the use of overtime should be considered on an individual basis and not for the entire staff on a shift.

Any deviation from the above guidelines shall be authorized by the Director, Nuclear Plant Operations or his deputy, or higher levels of management, in accordance with established procedures and with documentation of the basis for granting the deviation. Except during extended shutdown periods, controls shall be included in the procedures such that individual overtime shall be reviewed monthly by the Director, Nuclear Plant Operations or his designee to assure that excessive hours have not been assigned. Routine deviation from the above guidelines is not authorized.

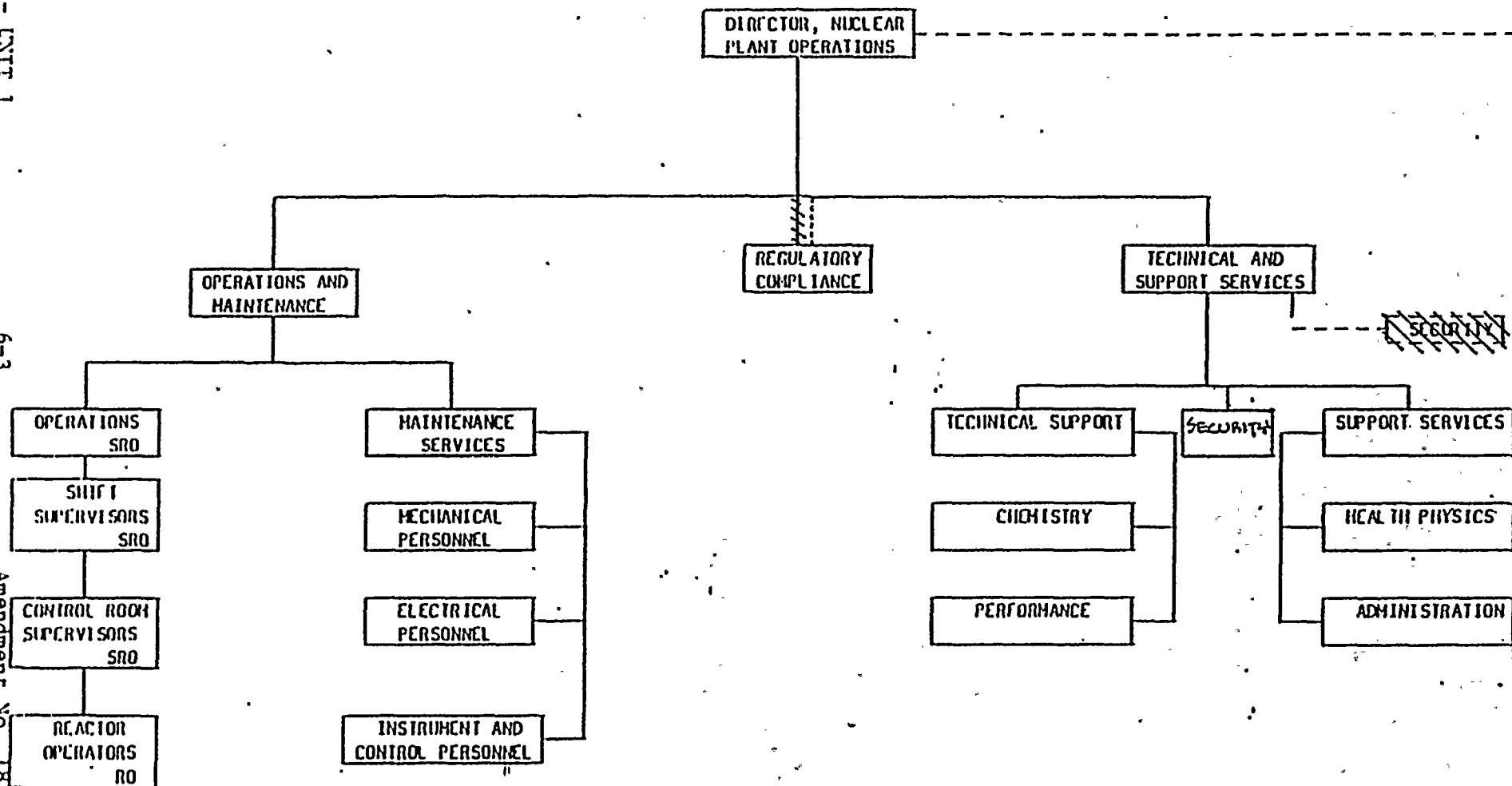


FIGURE 6.2-2  
VIRGIL C. SUMMER NUCLEAR STATION  
FUNCTIONAL ORGANIZATION

SRO - Senior Reactor Operator License  
RO - Reactor Operator License

NOTE: Health Physics supervision has direct access to the Director, Nuclear Plant Operations in matters concerning any phase of radiological protection.

NOTE: The title Director, Nuclear Plant Operations is synonymous with the title Manager, Virgil C. Summer Nuclear Station, Station Manager or Plant Manager.



TABLE 6.2-1.

MINIMUM SHIFT CREW COMPOSITION

SUMMER UNIT 1

POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION	
	MODES 1, 2, 3, & 4	MODES 5 & 6
SS	1	1
CRS	1	None
RO	2	1
AO	2	1
STA	1	None

- SS - Shift Supervisor with a Senior Reactor Operators License on Unit 1  
CRS - Control Room Supervisor with a Senior Reactor Operators License on Unit 1  
RO - Individual with a Reactor Operators License on Unit 1  
AO - Auxiliary Operator  
STA - Shift Technical Advisor

Except for the Shift Supervisor, the Shift Crew Composition may be one less than the minimum requirements of Table 6.2-1 for a period of time not to exceed 2 hours in order to accommodate unexpected absence of on-duty shift crew members provided immediate action is taken to restore the Shift Crew Composition to within the minimum requirements of Table 6.2-1. This provision does not permit any shift crew position to be unmanned upon shift change due to an oncoming shift crewman being late or absent.

During any absence of the Control Room Supervisor from the Control Room while the unit is in MODE 1, 2, 3 or 4, an individual (other than the Shift Technical Advisor) with a valid SRO license shall be designated to assume the Control Room command function. During any absence of the Shift Supervisor from the Control Room while the unit is in MODE 5 or 6, an individual with a valid RO or SRO license shall be designated to assume the Control Room command function.

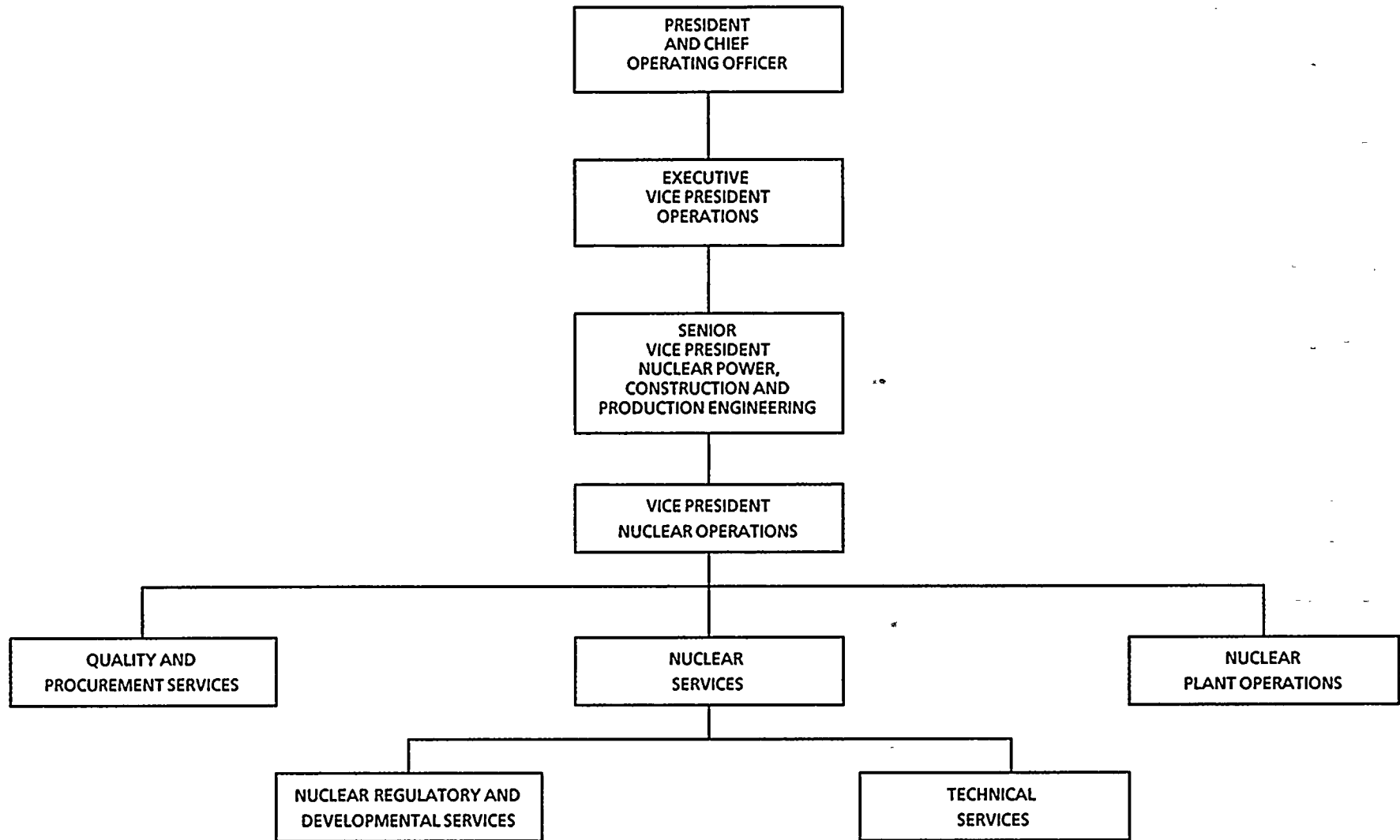


FIGURE 6.2-1  
SOUTH CAROLINA ELECTRIC AND GAS COMPANY  
VIRGIL C. SUMMER NUCLEAR STATION  
OFF SITE ORGANIZATION



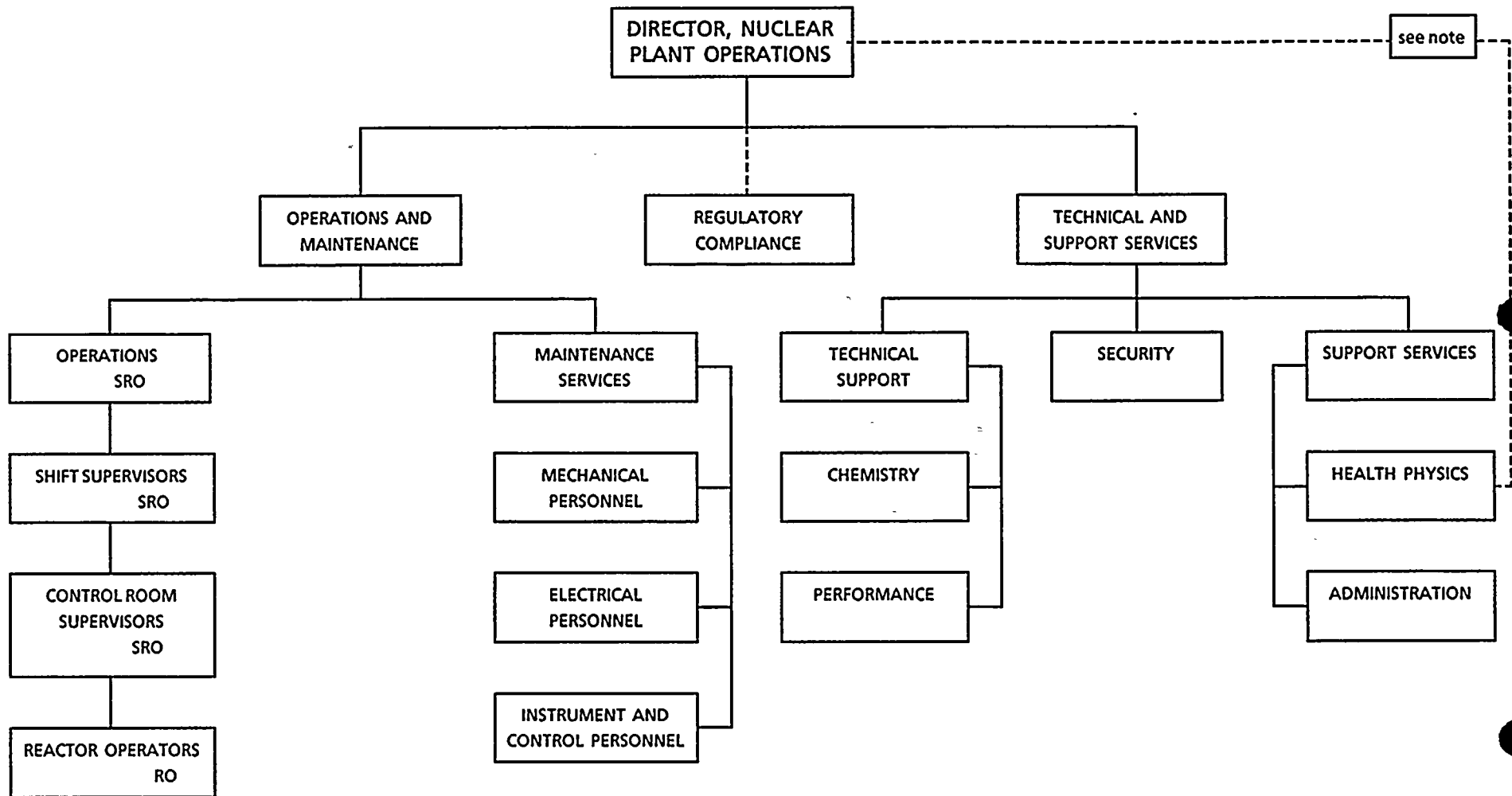


FIGURE 6.2-2  
VIRGIL C. SUMMER NUCLEAR STATION  
FUNCTIONAL ORGANIZATION

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