DCSMS-016

Docket Nos. 50-335
and 50-389

FEB 24 1984

DISTRIBUTION:

Docket File	RDiggs
NRC PDR	LTremper
L PDR	OPA, CMiles
ORB#3 Rdg	ACRS-10
DEisenhut	DBrinkman
PMKreutzer-3	WJones
DSells	TBarnhart-8
JTaylor	EJordan
LJHarmon	OELD
SECY	Gray File +4

Mr. J. W. Williams, Jr.
Vice President
Nuclear Energy Department
Florida Power & Light Company
P. O. Box 14000
Juno Beach, Florida 33408

Dear Mr. Williams:

The Commission has issued the enclosed Amendment Nos. 62 and 5 to Facility Operating License Nos. DPR-67 and NPF-16 for the St. Lucie Plant, Unit Nos. 1 and 2. These amendments consist of changes to the Technical Specifications in response to your application dated October 12, 1983. As a result of our review, three of your requested changes have been approved and one has been denied.

The approved requests are (1) title changes concerning the Nuclear Plant Supervisor and Assistant Nuclear Plant Supervisor on both Unit 1 and Unit 2, (2) a revision dealing with the function of the Shift Technical Advisor for Unit 2, and (3) deletion of a footnote that applied to Unit 1 prior to Unit 2 operating license issuance and commencement of initial fuel loading. Your request to add a footnote that would allow for the dual role use of a properly qualified individual as both a Senior Reactor Operator and Shift Technical Advisor is denied.

A copy of the related Safety Evaluation is also enclosed. The notice of issuance will be included in the Commission's next monthly Federal Register Notice.

Sincerely,

Original signed by

Donald E. Sells, Project Manager
Operating Reactors Branch #3
Division of Licensing

Enclosures:
1. Amendment No. 62 to DPR-67
2. Amendment No. 5 to NPF-16
3. Safety Evaluation

cc w/enclosures:
See next page

ORB#3:DL	ORB#3:DL	ORB#3:DL	OELD	AD:OR:DL
PMKreutzer	DSells/pn	JRMiller	N.D.Paton	GCLainas
2/ /84	2/ /84	2/ /84	2/13/84	2/ /84

8403060077 840224
PDR ADOCK 05000335
P PDR

Florida Power & Light Company

cc:
Harold F. Reis, Esquire
Lowenstein, Newman, Reis & Alexrad
1025 Connecticut Avenue, N.W.
Washington, D. C. 20036

Norman A. Coll, Esquire
McCarthy, Steel, Hector & Davis
14th Floor, First National Bank Building
Miami Florida 33131

Mr. Jack Schreve
Office of the Public Counsel
Room 4, Holland Building
Tallahassee, Florida 32304

Resident Inspector
c/o U.S.N.R.C.
Senior Resident Inspector
7585 S. Hwy A1A
Jensen Beach, Florida 33457

Administrator
Department of Environmental Regulation
Power Plant Siting Section
State of Florida
2600 Blair Stone Road
Tallahassee, Florida 32301

Mr. Weldon B. Lewis
County Administrator
St. Lucie County
2300 Virginia Avenue, Room 104
Fort Pierce, Florida 33450

U.S. Environmental Protection Agency
Region IV Office
ATTN: Regional Radiation
Representative
345 Courtland Street, N.E.
Atlanta, Georgia 30308

Mr. Charles B. Brinkman
Manager - Washington Nuclear Operations
C-E Power Systems
Combustion Engineering, Inc.
7910 Woodmont Avenue
Bethesda, Maryland 20814

Regional Administrator
Nuclear Regulatory Commission, Region II
Office of Executive Director for Operations
101 Marietta Street, Suite 2900
Atlanta, Georgia 30303

State Planning and Develpment Clearinghouse
Office of Planning and Budgeting
Executive Office of the Governor
The Capitol Building
Tallahassee, Florida 32301

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

FLORIDA POWER & LIGHT COMPANY

DOCKET NO. 50-335

ST. LUCIE PLANT UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 62
License No. DPR-67

1. The Nuclear Regulatory Commission (the Commission) has found that:

   A. The application for amendment by Florida Power & Light Company, (the licensee) dated October 12, 1983 complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;

   B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;

   C. There is reasonable assurance (1) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;

   D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and

   E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, Facility Operating License No. DPR-67 is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and by amending paragraph 2.C.(2) to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 62 , are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

James R. Miller, Chief
Operating Reactors Branch #3
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: February 24, 1984

ATTACHMENT TO LICENSE AMENDMENT NO. 62

TO FACILITY OPERATING LICENSE NO. DPR-67

DOCKET NO. 50-335

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages. The revised pages are identified by amendment number and contain vertical lines indicating the area of change. The corresponding overleaf pages are also provided to maintain document completeness.

Pages

6-3
6-4

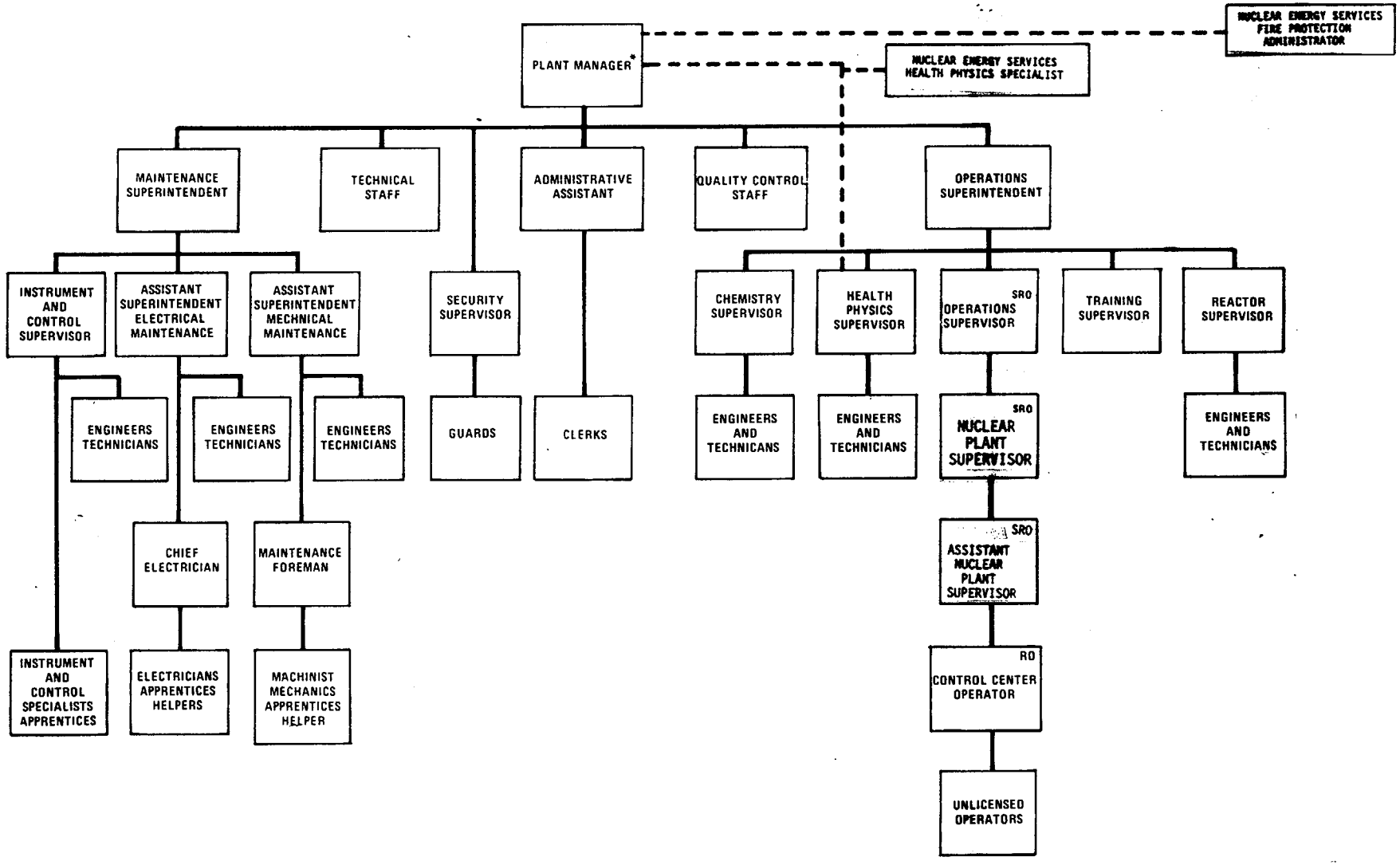

Figure 6.2-2 Unit Organization - St. Lucie Plant, Unit 1

Table 6.2-1

MINIMUM SHIFT CREW COMPOSITION#

WITH THE OTHER UNIT IN MODES 5 OR 6 OR DE-FUELED		
POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION	
	MODES 1, 2, 3, & 4	MODES 5 & 6
SS (SRO)	1[a]	1[a]
SRO	1	None *
RO	2	1
AO	2	2[b]
STA	1	None

WITH THE OTHER UNIT IN MODES 1, 2, 3, OR 4		
POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION	
	MODES 1, 2, 3, & 4	MODES 5 & 6
SS (SRO)	1[a]	1[a]
SRO	1	None
RO	2	1
AO	2	1
STA	1[a]	None

SS - Shift Supervisor
SRO - Licensed Senior Reactor Operator
STA - Shift Technical Advisor
RO - Licensed Reactor Operator
AO - Auxiliary Operator

* Does not include the licensed Senior Reactor Operator or Senior Reactor Operator Limited to Fuel Handling, supervising CORE ALTERATIONS after the initial fuel loading.

\# Shift crew composition may be less than the minimum requirements 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.

a/ Individual may fill the same position on the other unit.

b/ One of the two required individuals may fill the same position on the other unit.

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

FLORIDA POWER & LIGHT COMPANY

ORLANDO UTILITIES COMMISSION OF

THE CITY OF ORLANDO, FLORIDA

AND

FLORIDA MUNICIPAL POWER AGENCY

DOCKET NO. 50-389

ST. LUCIE PLANT UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 5
License No. NPF-16

1. The Nuclear Regulatory Commission (the Commission) has found that:

   A. The application for amendment by Florida Power & Light Company et al., (the licensee) dated October 12, 1983 complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's rules and regulations set forth in 10 CFR Chapter I;

   B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;

   C. There is reasonable assurance (1) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;

   D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and

   E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, Facility Operating License No. NPF-16 is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and by amending paragraph 2.C.2 to read as follows:

   2. Technical Specifications

      The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 5 , are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

James R. Miller, Chief
Operating Reactors Branch #3
Division of Licensing

Attachment:
Changes to the Technical
Specifications

Date of Issuance: February 24, 1984

ATTACHMENT TO LICENSE AMENDMENT NO. 5

TO FACILITY OPERATING LICENSE NO. NPF-16

DOCKET NO. 50-389

Replace the following pages of the Appendix "A" Technical Specifications with the enclosed pages. The revised pages are identified by amendment number and contain vertical lines indicating the area of change. The corresponding overleaf pages are also provided to maintain document completeness.

Pages
6-4
6-6

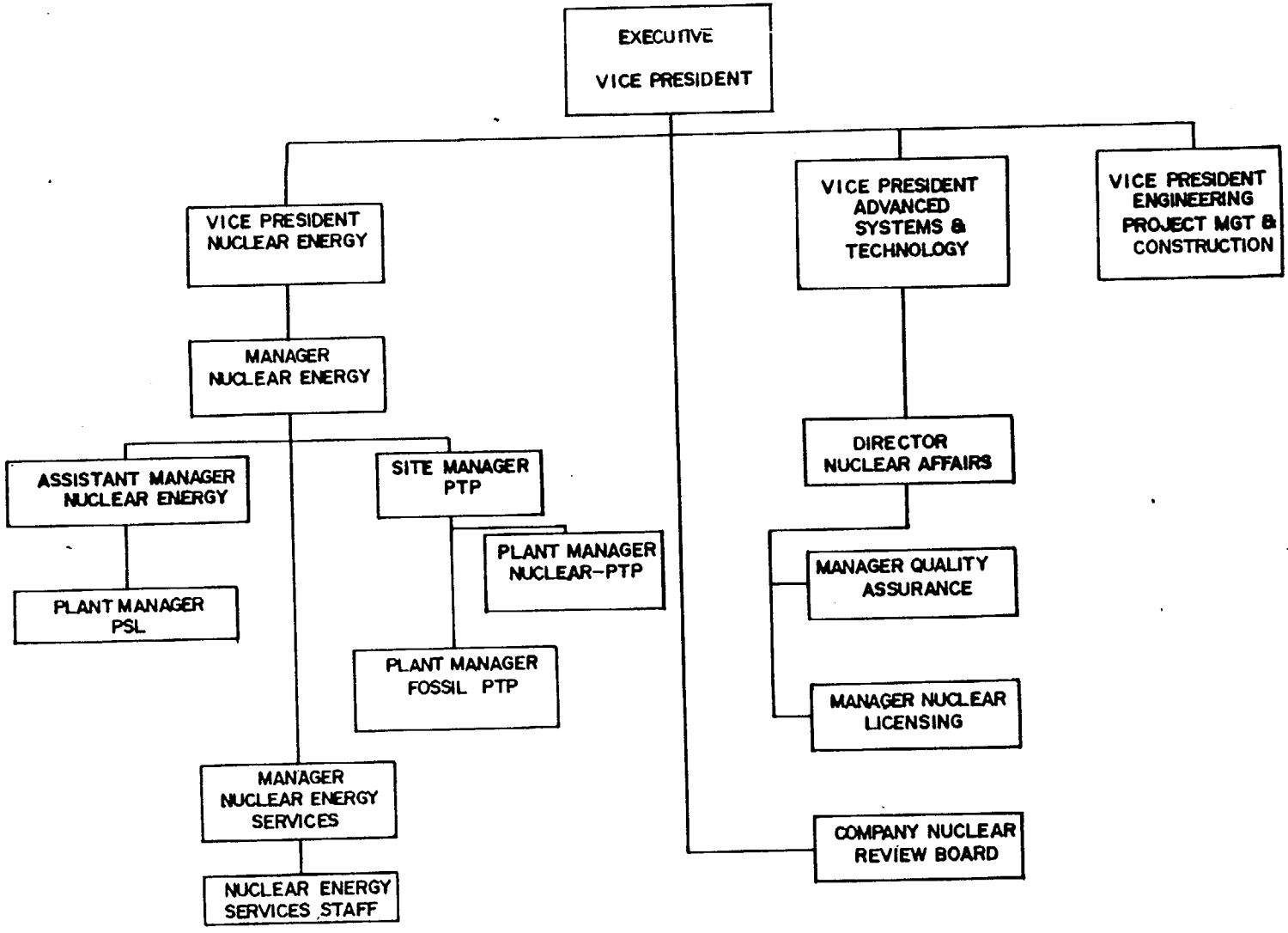

Figure 6.2-1
Offsite organization for facility management and technical support

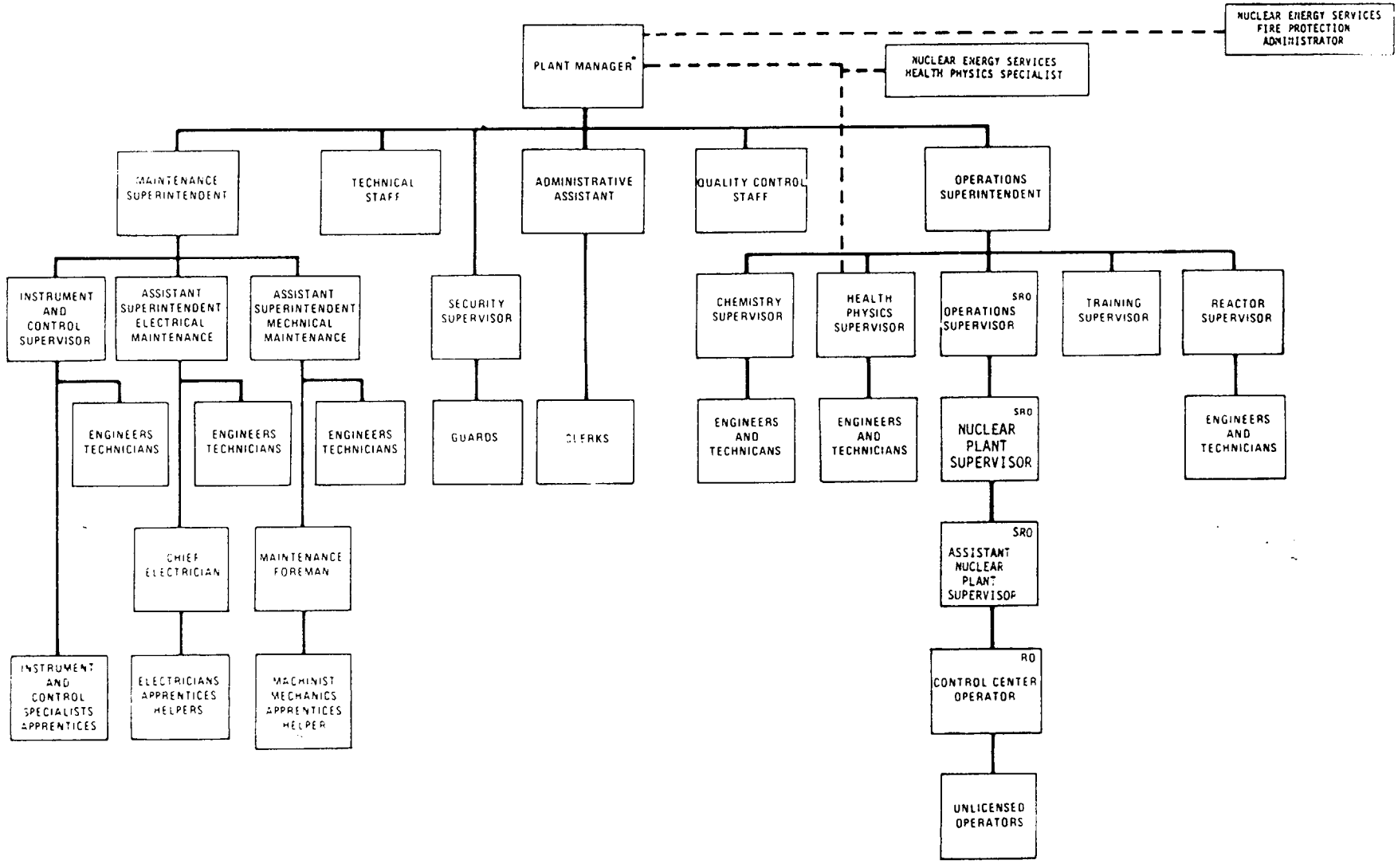

Figure 6.2-2 Unit Organization - St. Lucie Plant, Unit 2

Table 6.2-1

MINIMUM SHIFT CREW COMPOSITION
TWO UNITS WITH TWO SEPARATE CONTROL ROOMS

WITH UNIT 1 IN MODE 5 OR 6 OR DEFUELED		
POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION	
	MODE 1, 2, 3, or 4	MODE 5 or 6
SS (SRO)	1[a]	1[a]
SRO	1	None
RO	2	1
AO	2	2[b]
STA	1	None

WITH UNIT 1 IN MODE 1, 2, 3 OR 4		
POSITION	NUMBER OF INDIVIDUALS REQUIRED TO FILL POSITION	
	MODE 1, 2, 3, or 4	MODE 5 or 6
SS (SRO)	1[a]	1[a]
SRO	1	None
RO	2	1
AO	2	1
STA	1[a]	None

SS - Shift Supervisor with a Senior Reactor Operator's License on Unit 2
SRO - Individual with a Senior Reactor Operator's License on Unit 2
RO - Individual with a Reactor Operator's License on Unit 2
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 Shift 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 SRO or RO license shall be designated to assume the Control Room command function.

a/ Individual may fill the same position on Unit 1
b/ One of the two required individuals may fill the same position on Unit 1.

6.2.3 INDEPENDENT SAFETY ENGINEERING GROUP (ISEG)

FUNCTION

6.2.3.1 The ISEG shall function to examine plant operating characteristics, NRC issuances, industry advisories, Licensee Event Reports and other sources of plant design and operating experience information, including plants of similar design, which may indicate areas for improving plant safety.

COMPOSITION

6.2.3.2 The ISEG shall be composed of five dedicated, full-time members with varied backgrounds and disciplines related to nuclear power plants. No more than two members shall be assigned from any one department. Three or more of the members shall be engineers with a bachelor degree in engineering or a related science, with at least 2 years of professional level experience in the nuclear field. Any nondegreed ISEG members will either be licensed as a Reactor Operator or Senior Reactor Operator, or will have been previously licensed as a Reactor Operator or Senior Reactor Operator within the last year at the St. Lucie Plant site; or they will meet the qualifications of a department head as specified in Specification 6.3.1 of the St. Lucie Unit 2 Technical Specifications. The qualifications of each nondegreed candidate for the ISEG shall be approved by the Assistant Chief Engineer - Power Plant Engineering, prior to joining the group.

RESPONSIBILITIES

6.2.3.3 The ISEG shall be responsible for maintaining surveillance of selected plant activities to provide independent verification* that these activities are performed correctly and that human errors are reduced as much as practical. The ISEG shall make detailed recommendations for revised procedures, equipment modifications, maintenance activities, operations activities, or other means of improving plant safety to the Assistant Chief Engineer-Power Plant Engineering.

AUTHORITY

6.2.3.4 The ISEG is an onsite independent technical review group that reports offsite to the Assistant Chief Engineer-Power Plant Engineering. The ISEG shall have the authority necessary to perform the functions and responsibilities as delineated above.

RECORDS

6.2.3.5 Records of activities performed by the ISEG shall be prepared, maintained and a report of the activities forwarded each calendar month to the Assistant Chief Engineer-Power Plant Engineering.

6.2.4 SHIFT TECHNICAL ADVISOR

The Shift Technical Advisor function is to provide on shift advisory technical support in the areas of thermal hydraulics, reactor engineering, and plant analysis with regard to the safe operation of the unit.

6.3 UNIT STAFF QUALIFICATIONS

6.3.1 Each member of the unit staff shall meet or exceed the minimum qualifications of ANSI/ANS-3.1-1978 as endorsed by Regulatory Guide 1.8, September 1975 (reissued May 1977), except for the (1) Health Physics Supervisor who shall meet

*Not responsible for sign-off function.

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

SUPPORTING AMENDMENT NOS. 62 AND 5

TO FACILITY OPERATING LICENSE NOS. DPR-67 AND NPF-16

FLORIDA POWER & LIGHT COMPANY, ET. AL.

ST. LUCIE PLANT, UNIT NOS. 1 AND 2

DOCKET NOS. 50-335 AND 50-389

Background

In a letter dated October 12, 1983, Florida Power and Light Company (FP&L) requested license amendments to modify the Technical Specifications for St. Lucie Plant, Unit Nos. 1 and 2. The changes requested involved changes in title, revisions in a statement of function, deletion of a footnote no longer required, and use of a properly qualified individual as both a Senior Reactor Operator and Shift Technical Advisor.

Discussion

Figure 6.2-2 for each unit is to be revised to change the titles of on-shift personnel to achieve consistency between Unit 1 and Unit 2. Specifically, the Shift Supervisor title on Unit 2 is to be changed to agree to the slightly modified Unit 1 title of Nuclear Plant Supervisor. For both units the title of Watch Engineer is changed to Assistant Nuclear Plant Supervisor. The staff finds that these changes in title are administrative in nature and are acceptable.

In TS Section 6.2.4 for Unit 2, the functions of the Shift Technical Advisor is revised to state that the Shift Technical Advisor is to provide on-shift advisory technical support in the areas of thermal hydraulics, reactor engineering, and plant analysis with regard to the safe operation of the unit. The staff finds this change is clarifying in nature and is acceptable.

The requirement contained in a footnote on Table 6.2-1 of Unit 1 Technical Specifications for specific staffing on Unit 1 in all modes until Unit 2 operating license issuance and commencement of initial fuel loading is deleted. With the issuance of the operating license (NPF-16) and the initiation of fuel loading, the footnote no longer applies. The deletion of the footnote is administrative in nature and is found acceptable by the staff.

The licensee requested that a footnote be added to Table 6.2-1 of both units to allow for the dual-role use of a properly qualified individual as both a Senior Reactor Operator and a Shift Technical Advisor. The NRC published a Draft Commission Policy Statement, 48 FR 33781, on Engineering Expertise

on Shift, that will, when published in final form, allow the use of a Senior Reactor Operator/Shift Technical Advisor in a dual role. Until published in final form, the staff's position is that the dual role is unacceptable. Therefore, the staff denies the licensee's request to add the proposed footnote to Table 6.2-1 of both units.

Environmental Consideration

We have determined that the amendments do not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendments involve an action which is insignificant from the standpoint of environmental impact and, pursuant to 10 CFR §51.5(d)(4), that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of the amendments.

Conclusion

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Date: February 24, 1984

Principal Contributor:
F. Allenspach
D. Sells