

# REGULATORY DOCKET FILE COPY

SEP 18 1980

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*CP/1*

Docket No.: 50-369

Mr. Robert F. Uhrig  
 Vice President of Nuclear  
 and General Engineering  
 Florida Power and Light Company  
 Post Office Box 529100  
 Miami, Florida 33152

Dear Dr. Uhrig:

Subject: Issuance of Amendment No. 1 to Construction Permit No. CPPR-144  
 St. Lucie Plant, Unit 2

Amendment No. 1 to Construction Permit No. CPPR-144 and a related notice, which has been forwarded to the Office of the Federal Register for publication are enclosed. Amendment No. 1 to Construction Permit No. CPPR-144 has been issued pursuant to a Decision (ALAB-603) issued by the Atomic Safety and Licensing Appeal Board on July 30, 1980. This Decision authorized modification of the St. Lucie Plant Unit No. 2 construction permit to include conditions to alleviate the loss of ac power in the event of a station blackout.

Sincerely,

*151*

B. J. Youngblood, Chief  
 Licensing Branch No. 1  
 Division of Licensing

Enclosures:

1. Amendment No. 1 to CPPR-144
2. Federal Register Notice

8009300105

OFFICE	DL:LB#1	DL:LB#1 <i>rb</i>	OELD	DL:LB#1	DL:AD
SURNAME	MRushbrook/lsRABirkel		<i>2/1/80</i>	BJYoungblood	RLTedesco
DATE	9/9/80	9/14/80	9/15/80	9/18/80	9/18/80

Dr. Robert E. Uhrig, Vice President  
Advanced Systems and Technology  
Florida Power & Light Company  
P. O. Box 529100  
Miami, Florida 33152

-2-

September 18, 1980

cc: Harold F. Reis, Esq.  
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Washington, D. C. 20036

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McCarthy, Steel, Hectory & Davis  
14th Floor, First National Bank Building  
Miami, Florida 33131

Mr. Martin H. Hodder  
1131 N. E. 86 Street  
Miami, Florida 33138

Edward Luton, Esq., Chairman  
Atomic Safety and Licensing Board  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dr. David L. Hetrick  
Professor of Nuclear Engineering  
The University of Arizona  
Tucson, Arizona 85721

Dr. Frank F. Hooper  
School of Natural Resources  
University of Michigan  
Ann Arbor, Michigan 48104

Resident Inspector  
St. Lucie Nuclear Power Station  
c/o U. S. Nuclear Regulatory Commission  
P. O. Box 400  
Jensen Beach, Florida 33457

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

County Administrator  
2300 Virginia Avenue  
Room 104  
St. Lucie County  
Ft. Pierce, Florida 33450

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

Director, Technical Assessment Division  
Office of Radiation Programs (AW-459)  
U. S. Environmental Protection Agency  
Crystal Mall No. 2  
Arlington, Virginia 20460

Chairman, Florida Public Service  
Commission  
700 South Adams Street  
Tallahassee, Florida 32304

FLORIDA POWER AND LIGHT COMPANY

ST. LUCIE PLANT, UNIT NO. 2

DOCKET NO. 50-389

AMENDMENT TO CONSTRUCTION PERMIT

Amendment No. 1  
Construction Permit No.: CPPR-144

1. Pursuant to a Decision issued by the Atomic Safety and Licensing Appeal Board, dated July 30, 1980, the Nuclear Regulatory Commission hereby issues Amendment No. 1 to Construction Permit No. CPPR-144 by adding the following paragraph:

3.H. The total loss of ac power shall be considered a design basis event for the St. Lucie Plant, Unit 2. The Final Safety Analysis Report shall include an analysis which demonstrates the ability of the plant in its final design to be safely controlled through such an event. (The analysis may assume that ac power at least equivalent to the output of a single emergency diesel will be available at the end of a reasonable period.) The Final Safety Analysis Report shall also include in detail, the training programs and procedures for station operation during a blackout transient and for restoration of ac power.

2. This amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

15/

B. J. Youngblood, Chief  
Licensing Branch No. 1  
Division of Licensing

Date of Issuance: SEP 18 1980

8009300108

\*SEE PREVIOUS YELLOW FOR CONCURRENCE.

DL/LB#1  
B. J. Youngblood  
9/18/80

OFFICE	DL:LB#1	DL:LB#1	OELD	PSB/DSI	DL/ORB#3	DL/LB#1
SURNAME	MRushbrook*	SRBirkel*	WDPaton*	FRosa*	RClark*	R Tedesco
DATE	9/17/80	9/12/80	9/15/80	9/12/80	9/12/80	9/18/80

FLORIDA POWER AND LIGHT COMPANY

ST. LUCIE PLANT, UNIT NO. 2

DOCKET NO. 50-389

AMENDMENT TO CONSTRUCTION PERMIT

Amendment No. 1  
Construction Permit No.: CPPR-144

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3.H. The total loss of ac power shall be considered a design basis event for the St. Lucie Plant, Unit 2. The Final Safety Analysis Report shall include an analysis which demonstrates the ability of the plant in its final design to ~~through~~ through such an event. The Final Safety Analysis Report shall also include in detail, the training programs and procedures for station operation during a blackout transient and for restoration of ac power.

*be safely controlled*

*Emergency*

*(The analysis may assume that AC power at least equivalent to the output of a single diesel will be available at the end of a reasonable period.)*

- This amendment is effective as of its date of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

B. J. Youngblood, Chief  
Licensing Branch No. 1  
Division of Licensing

Date of Issuance:

*Subject to changes indicated above*

DL/LB#1  
B. J. Youngblood  
9/1/80

OFFICE	DL/LB#1	DL/LB#1	OELD	PSB/DSI	DL/LB#1	A/D L/DL
	M. Rushbrook	RBirkel	W.D. Paton	FRosa	R. Clark	R. Tedesco
SURNAME						
DATE	9/11/80	9/12/80	9/15/80	9/12/80	9/12/80	9/1/80

FLORIDA POWER AND LIGHT COMPANY

ST. LUCIE PLANT, UNIT NO. 2

DOCKET 50-389

NOTICE OF ISSUANCE OF AMENDMENT TO CONSTRUCTION

PERMIT AND AVAILABILITY OF DECISION

Notice is hereby given that pursuant to a Decision, dated July 30, 1980, by the Atomic Safety and Licensing Appeal Board, the Nuclear Regulatory Commission has issued Amendment No. 1 to Construction Permit No. CPPR-144 issued to Florida Power and Light Company for construction of the St. Lucie Plant, Unit No. 2 located on Hutchinson Island in St. Lucie County, Florida.

The Appeal Board Decision directed modification of Construction Permit No. CPPR-144 to include a condition requiring the applicant's Final Safety Analysis Report to demonstrate the ability of the St. Lucie Plant, Unit No. 2 to be safely controlled through a complete loss of ac power.

The Nuclear Regulatory Commission has found that the provisions of the amendment complies with the requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations published in 10 CFR Chapter I and has concluded that the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

The Commission has determined that the issuance of this amendment will not result in any environmental impacts other than those evaluated in the Final Environmental Statement since the activity authorized by the amendment is encompassed by the overall action evaluated in the Final Environmental Statement.

*DJP*  
*8009260013*

OFFICE ▶						
SURNAME ▶						
DATE ▶						

For further details with respect to this action, see (1) the Atomic Safety and Licensing Appeal Board Decision (ALAB-603), dated July 30, 1980, and (2) Amendment No. 1 to Construction Permit No. CPPR-144. Both of these items are available for public inspection at the Commission's Public Document Room, located at 1717 H Street, N. W., Washington, D. C. 20555 and at the Indian River Community College Library, 3209 Virginia Avenue, Ft. Pierce, Florida 33450.

A copy of items 1 and 2 may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this 18<sup>th</sup> day of September, 1980.

FOR THE NUCLEAR REGULATORY COMMISSION

*B. J. Youngblood*  
B. J. Youngblood, Chief  
Licensing Branch No. 1  
Division of Licensing

For further details with respect to this action, see (1) the Atomic Safety and Licensing Appeal Board Decision (ALAB-603), dated July 30, 1980, and (2) Amendment No. 1 to Construction Permit No. CPPR-144. Both of these items are available for public inspection at the Commission's Public Document Room, located at 1717 H Street, N. W., Washington, D. C. 20555 and at the Indian River Community College Library, 3209 Virginia Avenue, Ft. Pierce, Florida 33450.

A copy of items 1 and 2 may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Licensing.

Dated at Bethesda, Maryland, this <sup>th</sup> 18 day of September, 1980.

FOR THE NUCLEAR REGULATORY COMMISSION

15/  
B. J. Youngblood, Chief  
Licensing Branch No. 1  
Division of Licensing

*Insert on page 1 of notice replacing last two paras.*

The Commission has determined that the issuance of this amendment will not result in any environmental impacts other than those evaluated in the Final Environmental Statement since the activity authorized by the amendment is encompassed by the overall action evaluated in the Final Environmental Statement.

*subject to changes  
on p. 12 Paton  
9-17-80*

OFFICE	DL/LB#1	DL/LB#1	DL/EC/LB#1	OELD		
SURNAME	MRushbrook	RBirkel	BJYoungblood	W.Paton		
DATE	9/11/80	9/12/80	9/18/80	9/15/80		

FLORIDA POWER AND LIGHT COMPANY

ST. LUCIE PLANT, UNIT NO. 2

DOCKET 50-389

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The Appeal Board Decision directed modification of Construction Permit No. CPPR-144 to include a condition requiring the applicant's Final Safety Analysis Report to demonstrate the ability of the St. Lucie Plant, Unit No. 2 to ~~operate with~~ <sup>be safely controlled through</sup> a complete loss of ac power.

The Nuclear Regulatory Commission has found that the provisions of the amendment complies with the requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations published in 10 CFR Chapter I and has concluded that the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Prior public notice of this amendment was not required since the amendment does not involve a significant hazards consideration.

The Commission has determined that the issuance of the amendment will not result in any significant environmental impact and that pursuant to CFR 51.5(d)(4) an environmental impact appraisal need not be prepared in connection with issuance of this amendment.

~~statement or declaration and environmental impact~~

*Libby*  
*See Page 2 of notice*

*no use 2  
Nuclear Power  
Agency 1 or  
2  
has not*

OFFICE							
SURNAME							
DATE							