

July 7, 2003

Mr. William Jefferson, Jr.
Site Vice President
St. Lucie Nuclear Plant
6501 South Ocean Drive
Jensen Beach, Florida 34957

SUBJECT: LICENSE RENEWAL SAFETY EVALUATION REPORT FOR ST. LUCIE
NUCLEAR PLANT, UNITS 1 AND 2

Dear Mr. Jefferson:

By letter dated November 29, 2001, Florida Power and Light Company (FPL) submitted an application to the U.S. Nuclear Regulatory Commission (NRC) for renewal of the St. Lucie Nuclear Plant, Units 1 and 2, operating licenses for up to an additional 20 years. The license renewal application (LRA) was submitted pursuant to Title 10 of the *Code of Federal Regulations* Part 54, "Requirements for Renewal of Operating Licenses for Nuclear Power Plants." The NRC staff determined that the LRA was complete and acceptable for docketing on January 24, 2002. Since that time, the NRC staff has reviewed the LRA, issued requests for additional information (RAIs), reviewed FPL's responses to the staff's RAIs, developed a safety evaluation report (SER) with open items (issued February 7, 2003), and reviewed FPL's responses to the open items. On the basis of this review, the staff has prepared the enclosed SER to document the findings of the safety review of the LRA and supporting documentation for St. Lucie Nuclear Plant, Units 1 and 2.

If you have any questions regarding this matter, please contact the license renewal project manager, Mr. Noel Dudley, at 301-415-1154.

Sincerely,

/RA/

Pao-Tsin Kuo, Program Director
License Renewal and Environmental Impacts
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos.: 50-335 and 50-389

Enclosure: As stated

cc w/encl: See next page

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RLEP RF

N. Dudley

T. Liu

E-MAIL:

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W. Borchardt

D. Matthews

F. Gillespie

C. Grimes

C. Carpenter

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RidsNrrDe

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C. Li

J. Moore

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M. Mayfield

A. Murphy

W. McDowell

S. Smith (srs3)

S. Duraiswamy

C. Munson

RLEP Staff

J. Medoff

D. Nguyen

Y. (Renee) Li

J. Fair

T. Chan

S. Coffin

T. Koshy

A. Pal

J. Lazevnick

A. Gill

L. Lund

R. Jenkins

R. Young

C. Marco

D. Solorio

S. Weerakkady

B. Moroney

ST. LUCIE PLANT

Florida Power and Light Company

cc:

Mr. J. A. Stall

Senior Vice President, Nuclear and
Chief Nuclear Officer

Florida Power and Light Company

P.O. Box 14000

Juno Beach, FL 33408-0420

Senior Resident Inspector

St. Lucie Plant

U.S. Nuclear Regulatory Commission

P.O. Box 6090

Jensen Beach, Florida 34957

Mr. Craig Fugate, Director

Division of Emergency Preparedness

Department of Community Affairs

2740 Centerview Drive

Tallahassee, Florida 32399-2100

M. S. Ross, Attorney

Florida Power & Light Company

P.O. Box 14000

Juno Beach, FL 33408-0420

Mr. Douglas Anderson

County Administrator

St. Lucie County

2300 Virginia Avenue

Fort Pierce, Florida 34982

Mr. William A. Passetti, Chief

Department of Health

Bureau of Radiation Control

2020 Capital Circle, SE, Bin #C21

Tallahassee, Florida 32399-1741

Mr. R. E. Rose

Plant General Manager

St. Lucie Nuclear Plant

6501 South Ocean Drive

Jensen Beach, Florida 34957

Mr. J. T. Voorhees

Acting Licensing Manager

St. Lucie Nuclear Plant

6501 South Ocean Drive

Jensen Beach, Florida 34957

Mr. Don Mothena

Manager, Nuclear Plant Support Services

Florida Power & Light Company

P.O. Box 14000

Juno Beach, FL 33408-0420

Mr. Rajiv S. Kundalkar

Vice President - Nuclear Engineering

Florida Power & Light Company

P.O. Box 14000

Juno Beach, FL 33408-0420

Mr. J. Kammel

Radiological Emergency

Planning Administrator

Department of Public Safety

6000 SE. Tower Drive

Stuart, Florida 34997

Attorney General

Department of Legal Affairs

The Capitol

Tallahassee, Florida 32304

Mr. Steve Hale

St. Lucie Nuclear Plant

Florida Power and Light Company

6351 South Ocean Drive

Jensen Beach, Florida 34957-2000

Mr. Fred Emerson

Nuclear Energy Institute

1776 I Street, N.W., Suite 400

Washington, DC 20006-3708

Mr. David Lewis

Shaw Pittman, LLP

2300 N Street, N.W.

Washington, D.C. 20037