

February 27, 2002

Mr. Jay Slack, Field Supervisor  
US Fish and Wildlife Service  
South Florida Ecological Service Office  
1339 20<sup>th</sup> Street  
Vero Beach, FL 32960

SUBJECT: REQUEST FOR LIST OF PROTECTED SPECIES WITHIN THE AREA UNDER  
EVALUATION FOR THE ST. LUCIE PLANT LICENSE RENEWAL

The Nuclear Regulatory Commission (NRC) is evaluating an application submitted by Florida Power and Light Company for the renewal of the operating licenses for its St. Lucie Plant, Units 1 and 2. The NRC is preparing a supplement to its "Generic Environmental Impact Statement for License Renewal of Nuclear Plants" (NUREG-1437) for this proposed license renewal, for which we are required to evaluate potential impacts to threatened and endangered species. A member of my staff, Dr. Michael T. Masnik, visited your Vero Beach, Florida office on December 17, 2001, and had preliminary discussions related to the FPL application for license renewal with Mr. Charles Kelso of your staff.

The proposed action would include use and continued maintenance of existing facilities and transmission lines and would not result in new construction or disturbance. The St. Lucie Plant and the associated transmission corridor that is under review as part of the license renewal application is located in St. Lucie County, Florida. The transmission corridor is approximately 11 miles long and varies from 660 to 813 feet in width. The plant uses once-through cooling water from the Atlantic Ocean to remove waste heat from the facility. Ocean water is drawn through three offshore intake structures into an intake canal that leads to the plant. The heated water is discharged back to the Atlantic Ocean through offshore diffusers. The Atlantic Ocean in the vicinity of the plant is considered part of the aquatic environment of interest.

To support the environmental impact statement preparation process and to ensure compliance with Section 7 of the Endangered Species Act, the NRC requests a list of species and information on protected, proposed, and candidate species and critical habitat that may be in the vicinity of the St. Lucie Plant and its associated transmission lines.

Also, we would like confirmation that the South Florida Ecological Service Office will serve as the U.S. Fish and Wildlife Service's point of contact for Endangered Species Act compliance, including any Section 7 consultation that may be needed, for the St. Lucie Plant.

J. Slack

- 2 -

If you have any comments or questions, please contact Dr. Michael T. Masnik, Senior Project Manager, at (301) 415-1191 or [MTM2@NRC.GOV](mailto:MTM2@NRC.GOV).

Sincerely,

**Original Signed By: CI Grimes**

Christopher I. Grimes, Program Director  
License Renewal and Environmental Impacts  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos. 50-335 and 50-389

cc: See next page

J. A. Slack  
US Fish and Wildlife Service

cc:

Mr. J. A. Stall  
Senior Vice President, Nuclear and Chief  
Nuclear Officer  
Florida Power and Light Company  
700 Universe Boulevard  
P.O. Box 029100  
Juno Beach, FL 33408-0420

Senior Resident Inspector  
St. Lucie Plant  
U.S. Nuclear Regulatory Commission  
P.O. Box 6090  
Jensen Beach, Florida 34957-2000

Joe Myers, Director  
Division of Emergency Preparedness  
Department of Community Affairs  
2740 Centerview Drive  
Tallahassee, Florida 32399-2100

M. S. Ross, Attorney  
Florida Power and 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

Attorney General  
Department of Legal Affairs  
The Capitol  
Tallahassee, Florida 32304

Mr. Donald E. Jernigan, Site Vice President  
St. Lucie Nuclear Plant  
Florida Power and Light Company  
6351 South Ocean Drive  
Jensen Beach, Florida 34957-2000

Mr. Steve Hale  
St. Lucie Nuclear Plant  
Florida Power and Light Company  
6351 South Ocean Drive  
Jensen Beach, Florida 34957-2000

## **ST. LUCIE PLANT**

Mr. R. G. West  
Plant General Manager  
St. Lucie Nuclear Plant  
Florida Power and Light Company  
6351 South Ocean Drive  
Jensen Beach, Florida 34957-2000

Mr. T.L. Patterson  
Licensing Manager  
St. Lucie Nuclear Plant  
Florida Power and Light Company  
6351 South Ocean Drive  
Jensen Beach, Florida 34957-2000

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

Ms. E.A. Abbott  
Turkey Point Nuclear Plant  
Florida Power and Light Company  
9760 SW 344<sup>th</sup> Street  
Florida City, Florida 33035

Mr. Alan P. Nelson  
Nuclear Energy Institute  
1776 I Street, N.W., Suite 400  
Washington, DC 20006-3708  
APN@NEI.ORG

Indian River Community College  
ATTN: Dr. R. Wideman/ Library  
3209 Virginia Avenue  
Ft. Pierce, FL 34981-5596

J. Slack

- 2 -

If you have any comments or questions, please contact Dr. Michael T. Masnik, Senior Project Manager, at (301) 415-1191 or MTM2@NRC.GOV.

Sincerely,

**Original Signed By: CIGrimes**

Christopher I. Grimes, Program Director  
License Renewal and Environmental Impacts  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos. 50-335 and 50-389

cc: See next page

**DISTRIBUTION:**

Docket File  
RLEP R/F  
DMatthews/FGillespie  
CGrimes  
JTappert  
MMasnik  
RSchaaf  
HBerkow  
NDudley  
BMoroney  
CJulian

**Accession#ML020570547**

\*See previous concurrence

DOCUMENT NAME: C:\MYFILES\Copies\FWS T&E Spp.wpd

OFFICE	RLEP	RLEP	SC:RLEP	BC:RLEP
NAME	RSchaaf*	MMasnik*	JTappert*	CGrimes*
DATE	2/22/02	2/22/02	2/22/02	2/27/02

OFFICIAL RECORD COPY