



January 8, 2002

L-2002-011
10 CFR 2
10 CFR 50
10 CFR 51
10 CFR 54

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Revised Page of Application for Renewed Operating Licenses

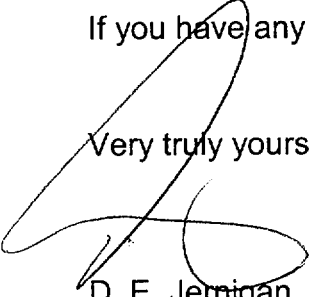
By letter L-2001-258 dated November 29, 2001, Florida Power & Light Company (FPL) applied for the renewal of the Operating Licenses for St. Lucie Units 1 and 2, pursuant to U.S. Nuclear Regulatory Commission (NRC) regulations set forth in 10 CFR 50, 51, and 54. The original and each copy of the Application included an environmental report entitled "Applicant's Environmental Report - Operating License Renewal Stage."

Pursuant to an NRC request that page 2.1-1 of the "Applicant's Environmental Report - Operating License Renewal Stage" be revised based on completion of a security sensitivity review, FPL provided a revised page to the Staff via email on December 6, 2001. Subsequent to this e-mail, the NRC replaced this page in all copies of the application submitted by letter L-2001-258. The purpose of this letter is to formally document transmittal of revised page 2.1-1, a copy of which is included as Attachment 1.

Note that the single hardcopy of the Application FPL provided to the Indian River Community College (IRCC) Main Library, and the 40 CDs transmitted to NRC by letter L-2001-269 dated December 20, 2001, contain the revised page 2.1-1.

If you have any questions, please contact Steve Hale at (561) 467-7159.

Very truly yours,


D. E. Jernigan
Vice President
St. Lucie Plant

DEJ/STH
Attachment (1)

A089

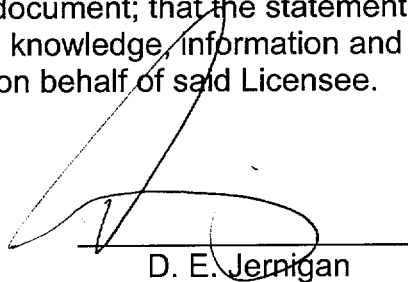
St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Additional Copies of Application for Renewed Operating Licenses

STATE OF FLORIDA)
) ss.
COUNTY OF ST. LUCIE)

D. E. Jernigan being first duly sworn, deposes and says:

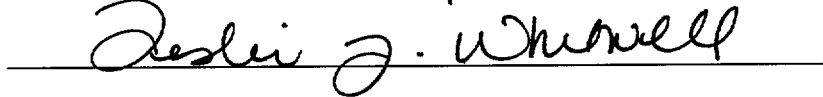
That he is Vice President of the St. Lucie Nuclear Plant of Florida Power and Light Company, the Licensee herein;

That he has executed the foregoing document; that the statements made in this document are true and correct to the best of his knowledge, information and belief, and that he is authorized to execute the document on behalf of said Licensee.


D. E. Jernigan

Subscribed and sworn to before me this

8 day of January, 2002.



Name of Notary Public (Type or Print)



MY COMMISSION # DD020212 EXPIRES
May 12, 2005
BONDED THRU TROY FAIN INSURANCE, INC.

D. E. Jernigan is personally known to me.

cc: U.S. Nuclear Regulatory Commission, Washington, D.C.

Chief, License Renewal and Standardization Branch
Project Manager – St. Lucie Plant License Renewal
Project Manager – St. Lucie Plant

U.S. Nuclear Regulatory Commission, Region II

Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, St. Lucie Plant

L-2002-011
Attachment 1

2.0 SITE AND ENVIRONMENTAL INTERFACES

2.1 LOCATION AND FEATURES

Florida Power & Light Company's (FPL's) St. Lucie Units 1 & 2 are located on Hutchinson Island in St. Lucie County, Florida. The site is in Sections 8, 9, 15, 16, and 17, Township 36 South, Range 41 East. The Universal Transverse Mercator (UTM) coordinates for the site's midpoint are 3025173 meters north and 574326 meters east. The nearest municipalities are Fort Pierce, approximately seven miles northwest of the plant; Port St. Lucie, approximately four and a half miles to the west; and Stuart, approximately eight miles to the south. Port St. Lucie is the largest city within 50 miles of St. Lucie Units 1 & 2. State Road A1A provides road access to the plant and transverses FPL property in a north-south direction approximately 1,000 feet east of St. Lucie Units 1 & 2 (Ref. 2.1-1, Section 2.1.1). Figures 2.1-1 and 2.1-2 show the site location and features within 50 and 6 miles, respectively. Figure 2.1-3 shows the site boundary in relation to the powerblock and adjacent features. The exclusion area for the plant, as defined in 10 CFR 100.3, corresponds to the area within 0.97 miles of the reactors and lies within the FPL property boundary (Ref. 2.1-1, Section 2.1.1).

The St. Lucie Units 1 & 2 site consists of approximately 1,130 acres of land on the widest section of Hutchinson Island in an area previously degraded by mosquito control projects. The plant site is bordered by the Atlantic Ocean to the east and the Indian River Lagoon to the west. The topography of the site is generally flat. The most prominent topographic feature of the site is the grade for State Road A1A, which passes through the eastern portion of FPL property. Between the dunes and State Road A1A, the principal feature is a series of mangrove-dominated mosquito impoundments interspersed with islands of natural coastal strand vegetation. St. Lucie Units 1 & 2 are located on the west side of State Road A1A in a relatively flat, sheltered area of the island. West of the facility, the land gradually slopes downward to a mangrove fringe bordering the intertidal shoreline of the Indian River Lagoon. East of the facility, land rises from the ocean shore to form dunes and ridges approximately 15 feet above mean low water (Ref. 2.1-2, Section 2.1). Two county parks with beach access, Blind Creek Pass Park and Walton Rocks Park, lie within the St. Lucie Units 1 & 2's property boundary. Recreational facilities for FPL employees and their families are also available within the site's property boundary (Ref. 2.1-1, Section 2.1.1).

The Indian River Lagoon is a long, shallow, tidally influenced estuary stretching along Florida's central east coast between the mainland and a series of offshore islands. At St. Lucie Units 1 & 2, the Indian River Lagoon is approximately 7,200 feet wide (Ref. 2.1-3, Section II-A). Blind Creek and Big Mud Creek, inlets off the Indian River Lagoon, are adjacent to the site. The stretch of lagoon adjacent to the site is designated as the Jensen Beach to Jupiter Inlet Aquatic Preserve. The North Fork St. Lucie River Aquatic Preserve is located on the north fork of the river as it parallels the coast north of where it flows into the St. Lucie River at Port St. Lucie. The St. Lucie Canal connects the St. Lucie River with Lake Okeechobee and parallels State Route 76, south of Stuart.