

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8412040177 DOC. DATE: 84/11/29 NOTARIZED: NO
 FACIL: 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co.
 AUTH. NAME: WILLIAMS, J.W. AUTHOR AFFILIATION: Florida Power & Light Co.
 RECIP. NAME: MILLER, J.R. RECIPIENT AFFILIATION: Operating Reactors Branch 3.

DOCKET #
05000389

SUBJECT: Advises that SPDS installed & operable in accordance w/License Condition 2.C.179.1a & 840614 confirming order. Considerable maint effort may be required during first yr of operation.

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FLORIDA POWER & LIGHT COMPANY

November 29, 1984

L-84-336

Office of Nuclear Reactor Regulation
Attention: Mr. James R. Miller, Chief
Operating Reactors Branch #3
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Miller:

Re: St. Lucie Unit No. 2
Docket No. 50-389
Safety Parameter Display System (SPDS)

Florida Power & Light Company letter L-84-49, dated March 1, 1984, provided the SPDS Implementation Plan and Parameter Selection Report. In Table I of that letter, a listing of chosen parameters was provided. Additional information on the SPDS was submitted on November 1, 1984 in response to NRC's request of September 14, 1984.

The purpose of this letter is to inform you that in accordance with License Condition 2.C.17a. 1) a) and NRC Confirming Order dated June 14, 1984, the SPDS has been installed and is operable, and the operators have been trained on the system; and to provide you a status of the implementation of the supplemental parameters and trending information which are provided as operational aids only.

The Safety Assessment System (SAS) meets NUREG-0696 SPDS requirements and in addition, provides information to aid the control room operators during normal plant operations. The SAS obtains its data from several hard-wired signals and from computer-to-computer information processing data links. In addition to the SPDS signals, there are both hard-wired and data link signals to the SAS which are used for trending, mimics, alarming, reporting, etc. These additional signals have been implemented and are currently being tested. This testing has identified several system related software problems which can temporarily disable the SPDS. These problems are currently being resolved. During this time, operation of the SPDS may be interrupted. However, it is our intention to keep the interruptions as infrequent and as short a duration as possible.

It should be noted that because this system is new and very complex, and because no experience has been obtained on the system's reliability and maintainability, FPL believes that considerable maintenance effort may be required during the

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Mr. James R. Miller
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first year of operation. We will make every attempt to maintain the system functional while working out any problems that may arise.

Very truly yours,

for 
J. W. Williams, Jr.
Group Vice President
Nuclear Energy

JWW/RJS/kgn

cc: J. P. O'Reilly, Region II

