

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8603030083 DOC. DATE: 86/02/14 NOTARIZED: NO DOCKET #
 FACIL: 50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 05000389
 AUTH. NAME AUTHOR AFFILIATION
 WOODY, C. O. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 MIRAGLIA, F. J. Division of Pressurized Water Reactor Licensing - B (post B)

SUBJECT: Requests approval to use alternative insp technique to satisfy inservice insp pressure testing requirements of Section XI of ASME Code for listed plant sys. Approval requested by 860301. Fee paid.

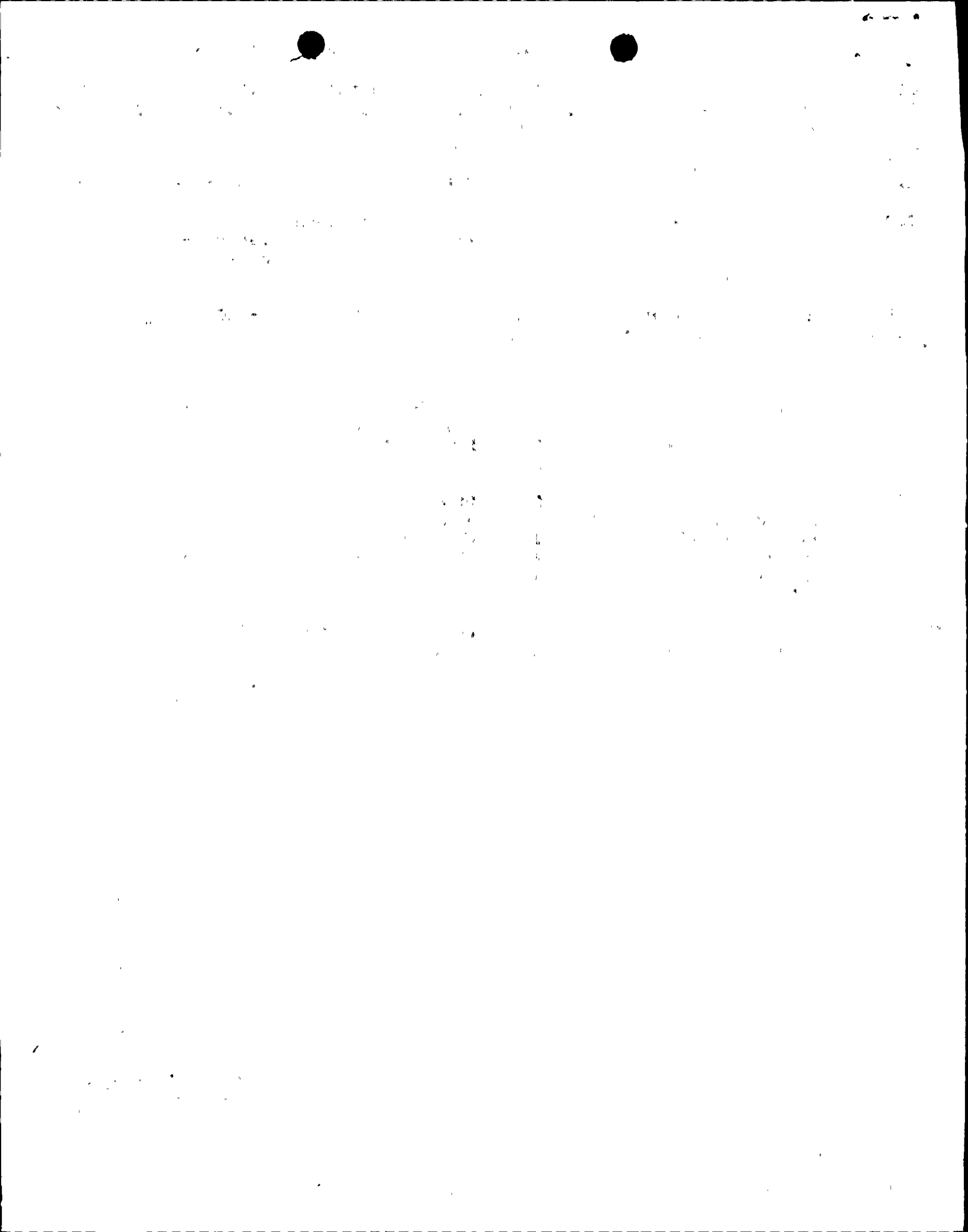
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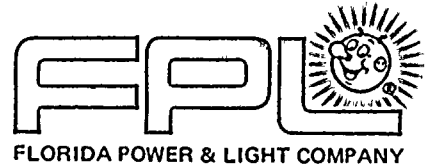
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FEBRUARY 14 1986
L-86-51

Office of Nuclear Reactor Regulation
Attention: Mr. Frank J. Miraglia, Director
Division of PWR Licensing - B
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Miraglia:

Re: St. Lucie Unit No. 2
Docket No. 50-389
Instrumented Inspection Technique (IIT)

The purpose of this letter is to request NRC approval to use an alternative inspection technique to satisfy the Inservice Pressure Testing requirements of the ASME Code, Section XI, as permitted by 10 CFR 50.55a(a)(3). The details of this alternate inspection technique, Instrumented Inspection Technique (IIT) are the subject of a H.A.F.A. International Inc., Topical Report HAFA 135 (P)(A). This topical report was approved by the NRC on November 7, 1985.

The St. Lucie Unit 2 plant systems have been evaluated in accordance with Section IV of the Topical Report. Based on these evaluations, it has been determined that the IIT can be implemented on the following systems:

- Reactor Coolant System
- Low Pressure Safety Injection (LPSI)
- High Pressure Safety Injection (HPSI)
- Shutdown Cooling
- Containment Spray
- Charging
- Letdown
- Boric Acid Makeup
- Waste Management
- Main Steam
- Feedwater
- Auxiliary Feedwater
- Steam Generator Blowdown
- Component Cooling Water
- Intake Cooling Water

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Office of Nuclear Reactor Regulation
Mr. Frank J. Miraglia, Director

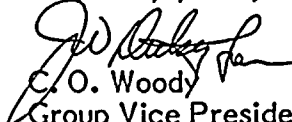
For the upcoming St. Lucie Unit 2 refueling outage, we intend to implement the IIT on the suction and discharge side of the Charging System. Although we have chosen to conduct the ASME Section XI Code "System Hydrostatic Test" of IWA-5211(d) on the NSSS portion of the Reactor Coolant System, the IIT may also be implemented selectively within that boundary.

St. Lucie Unit 2 is scheduled to shut down for refueling on April 1, 1986. Because we would like to implement the IIT on some of the above systems during the upcoming refueling outage, we request your approval by March 1, 1986. We are available at your convenience if needed to discuss this matter further.

It should be noted that FPL recognizes the ability of the IIT method to determine intersystem leakage, and therefore, may opt to take credit for this method to satisfy IST Program and Technical Specification requirements where appropriate.

In accordance with 10 CFR 170.21, attached is FPL Check No. 0501 in the amount of \$150.00 for the required approval fee.

Very truly yours,


C. O. Woody
Group Vice President
Nuclear Energy

COW/RJS/gp

Attachment



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