



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

July 17, 2008

Florida Power and Light Company
Mr. J.A. Stall, Senior Vice President
Nuclear and Chief Nuclear Officer
P.O. Box 14000
Juno Beach, FL 33408-0420

SUBJECT: ST LUCIE NUCLEAR PLANT – NOTIFICATION OF INSPECTION OF
THE IMPLEMENTATION OF B.5.b PHASE 2 AND 3 MITIGATING STRATEGIES
USING TEMPORARY INSTRUCTION 2515/171

Dear Mr. Stall:

The purpose of this letter is to notify you that the U.S. Nuclear Regulatory Commission (NRC) staff will conduct an inspection at St Lucie Nuclear Plant the week of August 25, 2008. The inspection team will be led by Tim Hoeg, Senior Resident Inspector at St Lucie. The team will be composed of an inspector from the Region II office, an NRR inspector/contractor and the team leader. The inspection will be conducted in accordance with NRC Temporary Instruction 2515/171, Verification of Site Specific Implementation of B.5.b Phase 2 and 3 Mitigation Strategies.

In order for the NRC to adequately prepare for this inspection, please furnish one copy of the documents listed in Enclosure 1 to the NRC team leader, Region II inspector, and NRR inspector at least two weeks prior to the planned on-site inspection. Please have available on-site at the beginning of the inspection the documents listed in Enclosure 2. Don Cecchett, of your staff, has been advised of this request and other inspection team support needs, including the names and addresses of the inspectors assigned to this inspection.

This letter contains information collections that are subject to the *Paperwork Reduction Act of 1995* (44 U.S.C. 3501 et seq.). These information collections were approved by the Office of Management and Budget, approval number 3150-0018, which expires on June 30, 2009.

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2

Your cooperation and support during this inspection will be appreciated. If you have any questions regarding this inspection, please contact Tim Hoeg at (772) 464-7822, or me at 404-562-4629.

Sincerely,

/RA/

Marvin D. Sykes, Chief
Reactor Projects Branch 3
Division of Reactor Projects

Docket Nos.: 50-335, 50-389
License Nos.: DPR-31, DPR-41

Enclosures:

1. Documentation Requested Prior To The Inspection
2. Arrangements/Documents Requested To Be Available
Onsite During The Inspection Week

cc w/o encl: (See page 3)

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cc w/o encl: (See page 3)

PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE
 ADAMS: Yes ACCESSION NUMBER: _____ SUNSI REVIEW COMPLETE

OFFICE	RII:DRP						
SIGNATURE	MDS						
NAME	MSykes						
DATE	07/17/2008	7/ /2008	7/ /2008	7/ /2008	7/ /2008	7/ /2008	7/ /2008
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

cc w/o encl:

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St. Lucie Nuclear Plant
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Christopher R. Costanzo
Plant General Manager
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Nuclear Plant Support
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Electronic Mail Distribution

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4

Letter to J.A. Stall from Marvin Sykes dated July 17, 2008

SUBJECT: SITE SPECIFIC IMPLEMENTATION OF B.5.B PHASE 2 AND 3 MITIGATING
STRATEGIES TEMPORARY INSTRUCTION INSPECTION TI 2515/171

Distribution w/encl:

C. Evans, RII EICS

L. Slack, RII EICS

OE Mail

RIDSNRRDIRS

R. Jervey, NRR

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DOCUMENTATION REQUESTED PRIOR TO THE INSPECTION

Please provide the items below two weeks prior to the onsite inspection week. For any items below not supplied prior to the onsite inspection week, please have the item available at the start of the onsite inspection. Please provide as much as possible in electronic format. You are reminded to properly identify and handle all Official Use Only-Security-Related Information and/or Proprietary Information in accordance with current guidance.

1. Copies of procedures/guidelines that were revised or generated to implement the mitigation strategies. These could be Extensive Damage Mitigation Guidelines (EDMGs), SAMGs, EOPs, AOPs, etc;
2. A matrix that shows the correlation between the mitigation strategies identified in NEI 06-12 and the site-specific procedures or guidelines used to implement the strategy;
3. Engineering evaluations/calculations that were used to verify engineering bases for the mitigation strategies;
4. Simplified flow diagrams for systems relied upon in the mitigation strategies; (These diagrams could be the type used for training.);
5. Simplified drawings/descriptions of modifications that were made to plant systems to implement the mitigation strategies; and
6. Electrical one line diagrams credited or revised to implement the mitigation strategies.

**ARRANGEMENTS/DOCUMENTS REQUESTED TO BE AVAILABLE ONSITE
DURING THE INSPECTION WEEK**

1. Provide a conference room to accommodate up to four (4) NRC staff. Preferably this would be outside the protected area.
2. Site B.5.b contact person(s) should be available for the week.
3. B.5.b engineering persons(s) should be on call for questions about any engineering calculations.
4. Appropriate Operations staff should be available, as needed, for plant walkdowns throughout the week.
5. Modification packages for any plant modifications performed as a result of B.5.b
6. Detailed drawings (e.g., P&IDs) of systems used to implement mitigating strategies
7. Copies of procedures/guidelines that were revised or generated to implement the mitigation strategies - these could be Extensive Damage Mitigation Guidelines (EDMGs), SAMGs, EOPs, AOPs, etc. This is the same as Item 1 to Enclosure 1, except that hard copies of these procedures/guidelines should be made available for each member of the inspection team.
8. Copies of procedures used to inventory equipment used in the mitigation strategies (e.g., hoses, fittings, pumps, etc.);
9. Training records/ training matrix/ lesson plans related to B.5.b;
10. Copies of Memoranda of Understanding (MOUs) with local fire departments or other emergency services that are required to implement any mitigating strategies;
11. Copies of any evaluations performed to document that enough equipment is available to implement the mitigating strategies (e.g., enough fire hose or electrical cable is available based on a plant walkdown or review of drawings);
12. You are reminded to properly identify and handle all Official Use Only - Security-Related Information and/or Proprietary Information in accordance with current guidance.