



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION II  
SAM NUNN ATLANTA FEDERAL CENTER  
61 FORSYTH STREET, SW, SUITE 23T85  
ATLANTA, GEORGIA 30303-8931

June 8, 2006

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

SUBJECT: NOTIFICATION OF TURKEY POINT NUCLEAR PLANT COMPONENT DESIGN  
BASES INSPECTION - NRC INSPECTION REPORT NOS. 50-250/2006011,  
50-251/2006011

Dear Mr. Stall:

The purpose of this letter is to notify you that the U.S. Nuclear Regulatory Commission (NRC) Region II staff will conduct a component design bases inspection at your Turkey Point facility during the weeks of August 28 - September 1, 2006, September 11 - 15, 2006, and September 25 - 29, 2006. The inspection team will be led by Mr. Caswell Smith, a Senior Reactor Inspector from the NRC's Region II Office. This inspection will be conducted in accordance with the baseline Inspection Procedure 71111.21, Component Design Bases Inspection, issued December 2, 2005.

The inspection will evaluate the capability of risk significant / low margin components to function as designed and support proper system operation. The inspection will also include a review of selected operator actions, operating experience, and modifications.

During a telephone conversation on June 5, 2006, Mr. C. Smith of my staff, and Ms. Olga Hanek of your staff, confirmed arrangements for an information gathering site visit and the three - week onsite inspection. The schedule is as follows:

- Information gathering visit: Week of August 14, 2006,
- Onsite inspection: August 28 - September 1, 2006, September 11 - 15, 2006 and September 25 - 29, 2006.

The purpose of the information gathering visit is to meet with members of your staff to identify risk-significant components and operator actions. Information and documentation needed to support the inspection will also be identified. Mr. W. Rogers, a Region II Senior Reactor Analyst, may accompany Mr. Smith and the inspection team during the information gathering visit to review probabilistic risk assessment data and identify risk significant components which will be examined during the inspection.

The enclosure lists documents that will be needed prior to the information gathering visit. Please contact Mr. Smith prior to preparing copies of the materials listed in the enclosure.

The inspectors will try to minimize your administrative burden by specifically identifying only those documents required for the inspection preparation.

During the information gathering visit, the team leader will also discuss the following inspection support administrative details: office space; specific documents requested to be made available to the team in their office space; arrangements for reactor site access; and the availability of knowledgeable plant engineering and licensing organization personnel to serve as points of contact during the inspection.

Thank you for your cooperation in this matter. If you have any questions regarding the information requested or the inspection, please contact me at (404) 562-4605, or Mr. Smith at (404) 562-4630.

Sincerely,

**/RA/**

Charles Ogle, Chief  
Engineering Branch 1  
Division of Reactor Safety

Docket Nos.: 50-250, 50-251  
License Nos.: DPR-31, DPR-41

Enclosure: Information Request for Turkey Point Nuclear Plant Component Design Bases Inspection

cc w/encl:

T. O. Jones  
Site Vice President  
Turkey Point Nuclear Plant  
Florida Power and Light Company  
Electronic Mail Distribution

Walter Parker  
Licensing Manager  
Turkey Point Nuclear Plant  
Florida Power and Light Company  
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Michael O. Pearce  
Plant General Manager  
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Nuclear Operations Support  
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Craig Fugate, Director  
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Department of Community Affairs  
Electronic Mail Distribution

Curtis Ivy  
City Manager of Homestead  
Electronic Mail Distribution

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 Engineering Branch 1  
 Division of Reactor Safety

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Enclosure: Information Request for Turkey Point Nuclear Plant Component Design Bases Inspection

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ADAMS: X Yes      ACCESSION NUMBER: \_\_\_\_\_

OFFICE	RII:DRS	RII:DRP					
SIGNATURE	/RA/	/RA/					
NAME	C.Smith	J. Munday					
DATE	6/7/2006	6/7/2006	11/ /2006	11/ /2006	11/ /2006	11/ /2006	11/ /2006
E-MAIL COPY?	YES	NO	YES NO	YES NO	YES NO	YES NO	YES NO

## **INFORMATION REQUESTS FOR TURKEY POINT NUCLEAR PLANT COMPONENT DESIGN BASES INSPECTION**

Please provide the information electronically in “pdf” files, Excel, or other searchable format on CDROM. The CDROM should be indexed and hyperlinked to facilitate ease of use.

Information in “lists” should contain enough information to be easily understood by some one who has knowledge of pressurized water technology.

1. Risk ranking of components from your site specific probabilistic safety analysis (PSA) sorted by Risk Achievement Worth (RAW) and sorted separately by Birnbaum Importance. If possible, please provide a correlation between actual plant components in plain language and RAW values.
2. Provide a list of the top 500 cutsets from your PSA.
3. Risk ranking of operator actions from your site specific PSA sorted by RAW. Provide copies of your human reliability worksheets for these items.
4. If you have an External Event or Fire PSA Model, provide the information requested in items 1 and 2 for external events and fire.
5. Any pre-existing evaluation or lists of components and calculations with low design margin ( i.e., pumps closest to the design limit for flow or pressure, diesel generator close to design required output, heat exchangers close to rated design heat removal, MOV risk margin rankings, etc).
6. A list of the last two years of operating experience evaluations, modifications, and corrective actions sorted by component or system.
7. Information of any common cause failure of components experienced in the last 5 years at your facility.
8. Contact person to discuss PRA information prior to information gathering trip: phone number and email address.
9. List of equipment on “Station Equipment Problem List”, list of equipment in GL 91-18 status, list of equipment in MR(a)(1) status, and a list of equipment for which an operability evaluation was required in past 2 years.