



UNITED STATES
NUCLEAR REGULATORY COMMISSION

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

September 16, 2005

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: TURKEY POINT NUCLEAR PLANT - NRC INSPECTION REPORT
05000250/2004010 AND 05000251/2004010

Dear Mr. Stall:

On September 16, 2005, the U.S. Nuclear Regulatory Commission (NRC) completed an in-office examination of unresolved items (URIs) associated with the Turkey Point Nuclear Plant facility which were identified in NRC Inspection Report 05000250, 251/2004007 (ADAMS Accession Number ML040890083) forwarded to you on March 26, 2004. Based on the results of this inspection, no findings of significance were identified.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

If you have any questions regarding this letter, please contact me at 404-562-4669

Sincerely,

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D. Charles Payne, Chief
Engineering Branch 2
Division of Reactor Safety

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

Enclosure: Inspection Report 05000250/2004010 and 05000251/2004010
w/Attachment: Supplemental Information

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
Electronic Mail Distribution

Michael O. Pearce
Plant General Manager
Turkey Point Nuclear Plant
Florida Power and Light Company
Electronic Mail Distribution

David Moore, Vice President
Nuclear Operations Support
Florida Power & Light Company
Electronic Mail Distribution

Rajiv S. Kundalkar
Vice President - Nuclear Engineering
Florida Power & Light Company
Electronic Mail Distribution

M. S. Ross, Managing Attorney
Florida Power & Light Company
Electronic Mail Distribution

Marjan Mashhadi, Senior Attorney
Florida Power & Light Company
Electronic Mail Distribution

Attorney General
Department of Legal Affairs
The Capitol
Tallahassee, FL 32304

William A. Passetti
Bureau of Radiation Control
Department of Health
Electronic Mail Distribution

County Manager
Metropolitan Dade County
Electronic Mail Distribution

Craig Fugate, Director
Division of Emergency Preparedness
Department of Community Affairs
Electronic Mail Distribution

Curtis Ivy
City Manager of Homestead
Electronic Mail Distribution

Distribution w/encl: (See page 4)

Distribution w/encl:
B. Moroney, NRR
L. Slack, RII EICS
RIDSNRRDIPMLIPB
PUBLIC

X SISP REVIEW COMPLETE: Initials: CP SISP REVIEW PENDING*: Initials: _____ *Non-Public until the review is complete
X PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE X NON-SENSITIVE
ADAMS: X Yes ACCESSION NUMBER: _____

OFFICE	DRP:RII	DRP:RII	DRS:RII	DRP:RII	DRP:RII	DRP:RII	DRP:RII
SIGNATURE	/RA/	/RA/	/RA/				
NAME	SNinh	JMunday	CPayne				
DATE	09/16/2005	09/16/2005	09/16/2005				
E-MAIL COPY?	YES	YES	YES	YES NO	YES NO	YES NO	YES NO

U.S. NUCLEAR REGULATORY COMMISSION

REGION II

Docket Nos: 50-250, 50-251

License Nos: DPR-31, DPR-41

Report Nos: 05000250/2004010, 05000251/2004010

Licensee: Florida Power & Light Company (FP&L)

Facility: Turkey Point Nuclear Plant, Units 3 & 4

Location: 9760 S. W. 344th Street
Florida City, FL 33035

Dates: April 1, 2004 - September 16, 2005

Inspectors: R. Rodriguez, Reactor Inspector
W. Rogers, Senior Reactor Analyst
S. Ninh, Senior Project Engineer

Approved by: D. Charles Payne, Chief
Engineering Branch 2
Division of Reactor Safety

SUMMARY OF FINDINGS

IR 05000250/2004010, 05000251/2004010; 04/01/2004 - 09/16/2005; Turkey Point Nuclear Power Plant, Units 3 and 4; Follow up on Triennial Fire Protection Inspection Issues .

This in-office review was conducted by two regional inspectors and a senior reactor analyst. No findings of significance were identified. The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described in NUREG-1649, "Reactor Oversight Process," Revision 3, dated July 2000.

A. Inspector Identified & Self-Revealing Findings

None

B. Licensee Identified Violation

None

Enclosure

REPORT DETAILS

4. OTHER ACTIVITIES

40A5 OTHER

- .1 (Closed) URI 05000251/2004007-004: Inadequate Concrete Curb Height and Volume for the Unit 4 Generator Hydrogen and Seal Oil Unit Oil-Retention Basin

After further in-office review of this issue, it was determined that a catastrophic failure of the Unit 4 hydrogen and seal oil unit tank, piping, or piping joints and any subsequent oil pool fire would not impinge upon redundant trains of safe shutdown equipment or associated cables. The pool would be confined by features in Fire Zone (FZ) 82 such that safe shutdown equipment would not be threatened by either direct flame exposure or radiant heat for a period exceeding their fire-resistance rating. Additionally, there are no manual operator actions in FZ 82 or adjacent zones to be rendered non-feasible by presence of flame or smoke. This URI is closed.

- .2 (Closed) 05000250, 251/2004007-008: Potentially Inadequate Ionization Smoke Detector Installation in the 4B 4160 V Switchgear Room

After further in-office review of this issue, it was determined that the licensee had reasonably placed the ionization product of combustion (POC) detectors given the shape and configuration of the room. The licensee had designed the detection system in compliance with NFPA 72E, 1982 edition, which is the applicable code of record. The room (FZ 67) has six spot detectors installed above cable trays of safe shutdown circuits and components. Four additional detectors were installed at the ceiling. This URI is closed.

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee personnel:

W. Parker, Licensing Manager
M. Pearce, Plant General Manager

NRC personnel:

C. Payne, Chief, Engineering Branch 2, Region II
S. Stewart, Senior Resident Inspector, Turkey Point

LIST OF ITEMS OPENED, CLOSED AND DISCUSSED

Closed

05000251/2004007-004	URI	Inadequate Concrete Curb Height and Volume for the Unit 4 Generator Hydrogen and Seal Oil Unit Oil-Retention Basin. (Section 4OA5)
05000251/2004007-008	URI	Potentially Inadequate Ionization Smoke Detector Installation in the 4B 4160 V Switchgear Room. (Section 4OA5)

LIST OF DOCUMENTS REVIEWED

Applicable Codes and Standards

NFPA 72E, Standard on Automatic Fire Detectors, 1987 Edition

NFPA 30, Flammable and Combustible Liquids Code, 1987 Edition

CRs Reviewed

CR 04-0686, Ceiling Level Fire Detectors in the 4B Switchgear Room (Fire Zone 67) Do Not Meet the Spacing Guidelines per NRC MC 0609F, Attachment 2 and Is Not Consistent With UFSAR Section 3.5.1.
CR 04-0477, Containment Facilities Appeared Wanting With Respect to NFPA 30

Other Documents Reviewed

Letter from PTN to NRC, September 24, 2004. ADAMS No. ML042800184