



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

July 22, 2009

Mr. Mano Nazar
Senior Vice President, Nuclear and
Chief Nuclear Officer
Florida Power and Light Company
P.O. Box 14000
Juno Beach, Florida 33408-0420

SUBJECT: TURKEY POINT UNITS 3 AND 4 – SUPPLEMENTAL INFORMATION NEEDED FOR ACCEPTANCE OF REQUESTED LICENSING ACTION RE: ALTERNATE SOURCE TERM AMENDMENT REQUEST (LAR 196) (TAC NOS. ME1624 AND ME1625)

Dear Mr. Nazar:

By letter dated June 25, 2009, Florida Power & Light Company (FPL) submitted a license amendment request for Turkey Point, Units 3 and 4. The proposed amendment would modify the facility's operating licensing bases to adopt the alternative source term as allowed in Title 10 of the *Code of Federal Regulations* (10 CFR) 50.67, "Accident source term," and described in Regulatory Guide 1.183, "Alternative Radiological Source Terms for Evaluating Design Basis Accidents at Nuclear Power Reactors." The purpose of this letter is to provide the results of the U.S. Nuclear Regulatory Commission (NRC) staff's acceptance review of this amendment request. The acceptance review was performed to determine if there is sufficient technical information in scope and depth to allow the NRC staff to complete its detailed technical review. The acceptance review is also intended to identify whether the application has any readily apparent information insufficiencies in its characterization of the regulatory requirements or the licensing basis of the plant.

Consistent with 10 CFR 50.90, "Application for amendment of license, construction permit, or early site permit," an amendment to the license (including the technical specifications) must fully describe the changes requested, and following as far as applicable, the form prescribed for original applications. Section 50.34 of 10 CFR addresses the content of technical information required. This section stipulates that the submittal address the design and operating characteristics, unusual or novel design features, and principal safety considerations.

The NRC staff has reviewed your application and concluded that the information delineated in the enclosure to this letter is necessary to enable the staff to make an independent assessment regarding the acceptability of the proposed amendment/relief request in terms of regulatory requirements and the protection of public health and safety and the environment.

In order to make the application complete, the NRC staff requests that FPL supplement the application to address the information requested in the enclosure by August 3, 2009. This will enable the NRC staff to begin its detailed technical review. If the information responsive to the NRC staff's request is not received by the above date, the application will not be accepted for review pursuant to 10 CFR 2.101, "Filing of application," and the NRC will cease its review activities associated with the application. If the application is subsequently accepted for review, you will be advised of any further information needed to support the staff's detailed technical review by separate correspondence.

M. Nazar

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The information requested and associated timeframe in this letter were discussed with Gregory Myers of your staff on July 16, 2009.

If you have any questions, please contact the Turkey Point Project Manager, Brenda Mozafari, at (301) 415-2020.

Sincerely,

A handwritten signature in cursive script, appearing to read "Brenda L. Mozafari".

Brenda L. Mozafari, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-250 and 50-251

Enclosure:
As stated

cc w/encl: Distribution via Listserv

SUPPLEMENTAL INFORMATION NEEDED

AMENDMENT REQUEST

FLORIDA POWER AND LIGHT COMPANY

TURKEY POINT, UNIT NOS. 3 AND 4

DOCKET NOS. 50-250 AND 50-251

1. Provide time dependant values of strong acid concentrations in the sump for a period of 30 days after a loss of coolant accident (LOCA).
2. Describe the analysis methodology used, including assumptions and inputs, to determine the pH in the sump water during a period of 30 days post-LOCA. Include detailed calculations of time dependant pH values in the sump during a 30-day period post-LOCA to demonstrate that the pH remains greater than 7 throughout this time period.

M. Nazar

- 2 -

The information requested and associated timeframe in this letter were discussed with Gregory Myers of your staff on July 16, 2009.

If you have any questions, please contact the Turkey Point Project Manager, Brenda Mozafari, at (301) 415-2020.

Sincerely,

/RA TOrf for/

Brenda L. Mozafari, Senior Project Manager
Plant Licensing Branch II-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-250 and 50-251

Enclosure:
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NRR-106

OFFICE	DORL/LPL2-2/PM	DORL/LPL2-2/LA	DCI/CSGB/BC (A)	DORL/LPL2-2/BC
NAME	TOrf for BMozafari	BClayton	MGavrilas w/ comment	EBrown for TBoyce
DATE	07/22/09	07/22/09	07/22/09	07/22/09

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