

December 22, 2005

Mr. J. A. Stall
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 PLANT, UNITS 3 AND 4 - REQUEST FOR ADDITIONAL
INFORMATION REGARDING PROPOSED EXEMPTION FROM AUTOMATIC
FIRE SUPPRESSION AND DETECTION REQUIREMENTS
(TAC NOS. MC5542 AND MC5543)

Dear Mr. Stall:

By letter dated December 27, 2004, as supplemented May 23, 2005, Florida Power & Light Company submitted a proposed exemption from certain requirements of Title 10 to the *Code of Federal Regulations*, Part 50, Appendix R. Specifically, the request involves an exemption from the requirements of subsection III.G.3 of Appendix R for automatic suppression and detection for specific fire zones located in the Mechanical Equipment Room and Control Room roof at Turkey Point Units 3 and 4.

The U.S. Nuclear Regulatory Commission staff has reviewed your submittal and finds that a response to the enclosed Request for Additional Information is needed before we can complete the review.

This request was discussed with Ms. Olga Hanek of your staff on December 8, 2005, and it was agreed that a response would be provided by January 13, 2006. If you have any questions, please contact me at (301) 415-3974.

Sincerely,

/RA/
Brendan T. Moroney, 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: See next page

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Dear Mr. Stall:

By letter dated December 27, 2004, as supplemented May 23, 2005, Florida Power & Light Company submitted a proposed exemption from certain requirements of Title 10 to the *Code of Federal Regulations*, Part 50, Appendix R. Specifically, the request involves an exemption from the requirements of subsection III.G.3 of Appendix R for automatic suppression and detection for specific fire zones located in the Mechanical Equipment Room and Control Room roof at Turkey Point Units 3 and 4.

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REQUEST FOR ADDITIONAL INFORMATION

FIRE PROTECTION EXEMPTION

FLORIDA POWER AND LIGHT COMPANY

TURKEY POINT UNITS 3 AND 4

DOCKET NOS. 50-250 AND 50-251

1. Identify the fire barrier material used in each of the fire zones for which the exemption is requested.
2. A 100-foot fire hose located outside the Cable Spreading Room is used as the secondary means of fire protection for the Mechanical Equipment Room (Fire Zone 097). In order to assess the accessibility of the hose to all points in the Mechanical Equipment Room, provide distances from the hose station, along the path that would be taken to reach the Mechanical Equipment Room in the event of a fire, to all points in the Mechanical Equipment Room.
3. Provide the following information regarding the detection system proposed for the Mechanical Equipment Room (FZ 097).
 - a. What type of detection system will be used?
 - b. Is the air flow within the room turbulent such that smoke detection could be compromised by inadequate placement of the detector(s)?
 - c. What version of National Fire Protection Association standard NFPA 72 is referenced for the design and installation standard for the detector(s)?

Enclosure

Mr. J. A. Stall
Florida Power and Light Company

cc:

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