



L-2016-183
10 CFR 50.90
October 4, 2016

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

RE: Turkey Point Nuclear Plant, Units 3 and 4
Docket Nos. 50-250 and 50-251
Renewed Facility Operating Licenses DPR-31 and DPR-41

Supplemental Information for License Amendment Request 246, Changes to
Technical Specification 3/4.7.5, Control Room Emergency Ventilation System
(CREVS)

References:

- 1) FPL letter L-2016-246 dated August 3, 2016, License Amendment Request 246, Changes to Technical Specifications 3/4.7.5, Control Room Emergency Ventilation System (CREVS), (Accession No. ML15002A091).
- 2) NRC letter dated September 23, 2016, Turkey Point Nuclear Generating Unit Nos. 3 and 4 - Supplemental Information Needed for Acceptance Requested Licensing Action RE: License Amendment Request 246 for Changes to Technical Specifications for Control Room Emergency Ventilation System, (Accession No. ML16265A075).

In Reference 1, Florida Power & Light Company (FPL) requested an amendment to Renewed Facility Operating Licenses DPR-31 and DPR-41 for Turkey Point Nuclear Plant (Turkey Point) Units 3 and 4, respectively. The license amendment would modify Turkey Point Units 3 and 4 Technical Specification (TS) 3/4.7.5, Control Room Emergency Ventilation System, by revising the TS Limiting Conditions for Operation, ACTION(s), and Surveillance Requirements to reflect the current system design and to align more closely with NUREG-1431, Revision 4.0, Standard Technical Specifications - Westinghouse Plants.

In Reference 2, the NRC staff requested supplemental information deemed necessary to complete its acceptance review of License Amendment Request (LAR) 246 (Reference 1).

The enclosure to this letter provides FPL's response to the supplemental information request.

ADD!
NRR

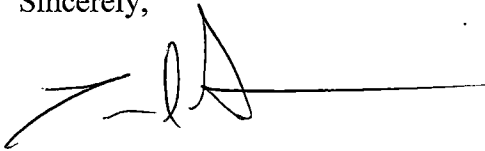
This letter contains no new or revised regulatory commitments. This supplemental information does not alter the conclusion in Reference 1 that the change does not involve a significant hazards consideration pursuant to 10 CFR 50.92, and there are no significant environmental impacts associated with this change.

Should you have any questions regarding this submission, please contact Mr. Mitch Guth, Turkey Point Licensing Manager, at 305-246-6698.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on the 4th day of October 2016.

Sincerely,

A handwritten signature in dark ink, consisting of a stylized 'T' followed by a loop and a horizontal line extending to the right.

Thomas Summers
Site Vice President
Turkey Point Nuclear Plant

Enclosure: Response to Supplemental Information Request

cc: USNRC Regional Administrator, Region II
USNRC Project Manager, Turkey Point Nuclear Plant
USNRC Senior Resident Inspector, Turkey Point Nuclear Plant
Ms. Cindy Becker, Florida Department of Health

Enclosure

**Response to Supplemental Information Request Regarding
Turkey Point Units 3 and 4
License Amendment Request 246
Changes to Technical Specification 3/4.7.5
Control Room Emergency Ventilation System**

NRC comment:

The license amendment request (LAR) states that the pathways from the kitchen and lavatory exhaust fans to the Control Room have been sealed and isolated by the installation of solid plates and the removal of the fuses to the motor-operated exhaust dampers. However, the LAR did not describe if these exhaust fans are still being operated with any other pathways, and if they have any impact on the Control Room Envelope (CRE).

Supplemental Information Request (a):

Describe if any hardware changes were made to the kitchen and lavatory exhaust fans or pathways in addition to the removal of fuses to the dampers and the installation of the isolation plates.

FPL Response:

The Control Room lavatory and kitchen ventilation exhaust pathways run from the lavatory and kitchen areas directly to the CRE boundary wall and do not connect with other pathways.

The Control Room lavatory ventilation exhaust penetration consists of a motor-operated damper (D-14), a fire damper (FD-6) and a gravity backdraft damper (D-19). The lavatory ventilation exhaust penetration is shared by both the men's and the women's lavatory areas.

Power to the lavatory exhaust fan was disconnected and the fan was physically removed from the Control Room lavatory ventilation exhaust penetration. The lavatory ventilation exhaust pathway was sealed from the exterior Control Room building wall with a ½ inch thick steel plate which comprises the CRE boundary. Fire damper FD-6 was closed and the fusible link removed.

The Control Room kitchen ventilation exhaust penetration consists of a fire damper (FD-7), a gravity backdraft damper (D-23), a motor-operated damper (D-22), and an exhaust fan (V56).

The kitchen exhaust fan (V56) was disabled in place and electrically disconnected. The kitchen ventilation exhaust pathway was sealed from within the kitchen interior at the Control Room building wall with a ½ inch thick steel plate which comprises the CRE boundary. Fire damper FD-7 was closed and the fusible link removed.

Both solid steel plates were installed around the register of the respective kitchen and lavatory openings, anchored to the concrete wall with expansion bolts, and sealed with a gasket to make-up for any non-uniformity in the concrete surfaces.

At the time the solid steel plates were installed, motor-operated dampers D-14 and D-22 were closed but remained capable of being operated at the discretion of Operations. The motor-operated dampers are currently under administrative control using the equipment clearance process.

The Control Room kitchen and lavatory areas are currently served by three portable air purifier units, one located in the kitchen and one each in the men's and women's lavatory areas.

Supplemental Information Request (b):

Describe if the kitchen and lavatory exhaust fans are still in operation.

FPL Response:

The kitchen and lavatory exhaust fans have been disabled. The lavatory exhaust fan was physically removed. The kitchen exhaust fan was disabled in place and electrically disconnected.

Supplemental Information Request (c):

Describe if any alternate pathways from the kitchen or lavatory exhaust fans have an impact on the CRE.

FPL Response:

The kitchen and lavatory exhaust fans have been disabled and both ventilation exhaust pathways have been blanked off with solid steel plates. As such, the Control Room Envelope (CRE) has not been impacted since there are no active or alternate ventilation pathways associated with kitchen and lavatory areas.