



10 CFR 50.90  
L-2014-259  
August 4, 2014

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

Turkey Point Units 3 and 4  
Docket Nos. 50-250 and 50-251  
Renewed Facility Operating License Nos. DPR-31 and DPR-41

Subject: Response to Containment and Ventilation Branch Request for Additional Information (RAI-5), Regarding License Amendment Request No. 231, Application to Revise Ultimate Heat Sink Temperature Limit

References:

1. Florida Power & Light Company Letter L-2014-216, "License Amendment Request No. 231, Application to Revise Technical Specifications to Revise Ultimate Heat Sink Temperature Limit," July 10, 2014.
2. Florida Power & Light Company Letter L-2014-235, "License Amendment Request No. 231, Application to Revise Ultimate Heat Sink Temperature Limit – Supplement 1, and Response to Request for Additional Information," dated July 22, 2014.
3. Florida Power & Light Company Letter L-2014-250, "License Amendment Request No. 231, Application to Revise Ultimate Heat Sink Temperature Limit – Supplement 2, and Response to Request for Additional Information (RAI-5 and BOP RAIs 5 and 5.1)," dated July 29, 2014.
4. Email from A. Klett (NRC) to R. Tomonto, et al. (FPL), "Turkey Point 3 and 4 Request for Additional Information - LAR 231 (TACs MF4392 and MF4393)," dated July 25, 2014 (BOP RAIs 5.1 and 6, SCVB RAI-3).
5. Florida Power & Light Company Letter L-2014-237, "Response to Request for Additional Information Regarding License Amendment Request No. 231, Application to Revise Ultimate Heat Sink Temperature Limit," dated July 26, 2014 (BOP RAIs 1, 2, 3, 4, 6 and SCVB RAI-3).
6. Email from A. Klett (NRC) to R. Tomonto, et al. (FPL), "Turkey Point 3 and 4 Request for Additional Information - LAR 231 (TACs MF4392 and MF4393)," dated August 3, 2014 (SCVB RAI-5).

In Reference 1, Florida Power & Light Company (FPL) requested an amendment to the Technical Specifications (TS) for the Turkey Point Nuclear Plant (Turkey Point), Units 3 and 4.

A001  
NRR

The proposed amendment would revise the ultimate heat sink (UHS) water temperature limit from 100°F to 104°F.

FPL supplemented the July 10, 2014 application via References 2 and 3. The supplement provided in Reference 3 proposed to increase the frequency of Component Cooling Water heat exchanger performance tests from at least once per 31 days to at least once per 14 days.

In Reference 4, the NRC Containment and Ventilation Branch (SCVB) staff requested additional information (RAI). FPL provided a response to the RAI in Reference 5. In Reference 6, the NRC forwarded SCVB RAI-5, which is a follow-up to the prior RAI. The enclosure to this letter contains the FPL response to SCVB RAI-5.

The additional information provided in the enclosure to this letter does not impact the no significant hazards determination and environmental considerations previously provided in References 1 and 3.

There are no new commitments made in this submission.

If you have any questions or require additional information, please contact Mr. Robert Tomonto at 305-246-7327.

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

Executed on: August 4, 2014.

Very truly yours,



Michael Kiley *Tom Conway*  
Vice President *FOR MIKE KILEY*  
Turkey Point Nuclear Plant

Enclosure: Response to Request for Additional Information, Containment and Ventilation Branch RAI-5, Regarding License Amendment Request No. 231, Application to Revise Ultimate Heat Sink Temperature Limit

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

**Response to Request for Additional Information (RAI)**

**Containment and Ventilation Branch RAI-5**

**Turkey Point Units 3 and 4**

**License Amendment Request No. 231**

**Application to Revise Ultimate Heat Sink Temperature Limit**

**Enclosure**

## **Background**

By letter dated July 10, 2014, as supplemented by letters dated July 17, July 22, July 24, July 26, July 28, and July 29, 2014, Florida Power & Light Company (FPL) submitted a license amendment request for the Turkey Point Nuclear Generating Unit Nos. 3 and 4 (Turkey Point). FPL requested revisions to the Turkey Point Technical Specifications (TS), Sections 3/4.7.4, "Ultimate Heat Sink [UHS]," and 3/4.7.2, "Component Cooling Water System."

The U.S. Nuclear Regulatory Commission (NRC) staff reviewed the information provided and determined that it needs additional information to complete the review. The NRC staff's request for additional information (RAI) is contained in Reference 1. The FPL response to Containment and Ventilation Branch (SCVB) RAI-5 follows.

## **SCVB RAI-5**

In reference to SCVB RAI-3 from the NRC's email dated July 25, 2014 (ADAMS Accession No. ML14208A010), and the licensee's letter dated July 26, 2014 (ADAMS Accession No. ML14210A374), please provide the value of the maximum increase in containment pressure caused by the calculation errors.

## **FPL Response**

Based on information provided by Westinghouse regarding a Turkey Point specific sensitivity calculation, the errors reported in NSAL-14-2 resulted in a maximum increase in containment peak pressure of +0.13 psi.

## **Reference**

1. Email from A. Klett (NRC) to R. Tomonto, et al. (FPL), "Turkey Point 3 and 4 Request for Additional Information - LAR 231 (TACs MF4392 and MF4393)," dated August 3, 2014 (SCVB RAI-5).