



L-2018-218  
10 CFR 54.17

November 28, 2018

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

Re: Florida Power & Light Company  
Turkey Point Units 3 and 4  
Docket Nos. 50-250 and 50-251  
Turkey Point Units 3 and 4 Subsequent License Renewal Application  
Environmental Review Requests for Additional Information (RAI)  
Set 1 Supplemental Response

References:

1. FPL Letter L-2018-082 to NRC dated April 10, 2018, Turkey Point Units 3 and 4 Subsequent License Renewal Application – Revision 1 (ADAMS Accession No. ML18113A134)
2. FPL Letter L-2018-086 to NRC dated April 10, 2018, Turkey Point Units 3 and 4 Subsequent License Renewal Application – Appendix E Environmental Report Supplemental Information (ADAMS Accession Nos. ML18102A521 and ML1811A132)
3. FPL Letter L-2018-136 to NRC dated August 8, 2018, Turkey Point Units 3 and 4 Subsequent License Renewal Application – Environmental Report Requests for Additional information (RAI) Responses (ADAMS Accession No. ML18247A509)
4. NRC Public Meeting Updated Agenda dated November 1, 2018, Telecon Between NRC and FPL to Discuss Items Associated with the Safety Review of the Turkey Point Subsequent License Renewal Application (ADAMS Accession No. ML 18315A003)

On April 10, 2018, Florida Power & Light Company (FPL) submitted to the NRC the Revision 1 of the subsequent license renewal application (SLRA) for Turkey Point Units 3 and 4 (Reference 1), as well as supplemental information for the SLRA Environmental Report (ER) (Reference 2).

The purpose of this letter is to provide, as an attachment to this letter, a supplemental response for Attachment 21 of the Reference 3 letter (NRC RAI Number SS-FWS-2). This supplemental response documents a historical indigo snake event that FPL discussed with the NRC staff on November 13, 2018 (Reference 4) to inform their biological assessment.

Florida Power & Light Company

700 Universe Boulevard, Juno Beach, FL 33408

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If you have any questions, or need additional information, please contact me at 561-691-2294.

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

Executed on November 28, 2018.

Sincerely,



William Maher  
Senior Licensing Director  
Florida Power & Light Company

WDM/RFO

Attachment: FPL Supplemental Response to NRC RAI No. SS-FWS-2

cc:

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

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**NRC RAI E-Mail No. EPID No. L-2018-LNE-0001 Dated July 9, 2018**

Special Status Species and Habitats (U.S. Fish and Wildlife Service (FWS)) (SS-FWS)

**NRC RAI Number:** SS-FWS-2

Section 3.7.7.6 of the ER, describes eastern indigo snake (*Drymarchon corais couperi*) monitoring studies by the Orianne Society.

- a) Please provide a copy of all indigo snake monitoring surveys from the Orianne Society.
- b) In addition, the 2000 American Crocodile Monitoring Report states that, "weekly surveys are conducted during fall, winter and early spring months in order to monitor Indigo snake (*Dryinarchon corias couperi*) activity. Captured individuals are measured, weighed, sexed and released." Please provide a copy of these surveys.
- c) Please describe the occurrence patterns of eastern indigo snakes on the Turkey Point site, including time periods, situations, or locations where the species is most likely to occur.
- d) Please describe any activities FPL conducts to minimize impacts to eastern indigo snakes on site. Please clarify whether such measures would be expected to continue during the period of extended operations.

**FPL Supplemental Response:**

This response supplements FPL's August 8, 2018 RAI response (Attachment 21 of Reference 1; NRC RAI No. SS-FWS-2) with indigo snake biological assessment information discussed during the November 13, 2018 NRC public meeting with FPL (Reference 2). This information pertains to a deceased indigo snake found in the Everglades Mitigation Bank (EMB) on September 14, 2007.

- 1) Did FPL contact the U.S Fish and Wildlife Service (USFWS) in addition to the state agency? Yes, FPL contacted Eddie McKissick with the USFWS Miami field office at approximately 1100 hours on September 14, 2007.
- 2) Where did the incident occur within the owner controlled area? The incident occurred outside the owner controlled area within the EMB in the area identified as the crocodile mitigation sanctuary (refer to map on the following page).
- 3) What activities were occurring when the incident occurred? The incident occurred during the removal of dead invasive exotic trees within the restoration area.
- 4) Were the activities authorized under any specific permit or license? The activities were covered under the USACE permit SAJ-1995-155 (IP-TKW).



Map showing location of indigo snake

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**Associated Enclosures:**

None