

From: Sarah Furtak - NOAA Federal
To: [Grange, Briana](#)
Subject: [External_Sender] Request: SERO-2019-00173 Turkey Point Nuclear Power Relicensing
Date: Friday, May 03, 2019 5:12:57 PM
Attachments: [RAI questions may 3 2019.docx](#)

Hi Briana,

I am reviewing the subject project, including the consultation request and generic environmental impact statement, and have the attached questions.

If no response to this request for additional information is received within 45 days, we will assume the consultation is no longer active. We will then close out the consultation request. Please note this 45-day period has been established as a national policy.

Thank you,
Sarah

Sarah Furtak

National Oceanic and Atmospheric Administration (NOAA) Fisheries
Southeast Regional Office - Protected Resources Division - Coral Conservation Branch
8000 North Ocean Drive, Suite 227
Dania Beach, FL 33004
Mobile Phone (954) 734-4713

On Mon, Apr 8, 2019 at 8:34 AM Grange, Briana <Briana.Grange@nrc.gov> wrote:

Sarah,

Thanks for getting in touch about the NRC consultation for Turkey Point, and I am looking forward to working with you again. Please reach out if you have any questions during your review! Thanks,

Briana

Briana A. Grange

Conservation Biologist

Division of Materials and License Renewal

Office of Nuclear Reactor Regulation

U.S. Nuclear Regulatory Commission

(301) 415-1042

briana.grange@nrc.gov

From: Sarah Furtak - NOAA Federal [mailto:sarah.furtak@noaa.gov]

Sent: Friday, April 05, 2019 7:46 PM

To: Grange, Briana <Briana.Grange@nrc.gov>

Subject: [External_Sender] Update: SERO-2019-00173 Turkey Point Nuclear Power Relicensing

Greetings Briana,

I am writing to let you know that the subject project -- National Marine Fisheries Service (NMFS) tracking number SERO-2019-00173 -- has been assigned to me, and to give you my contact information in case you have any questions.

This project has been logged into the new NMFS Environmental Consultation Organizer (ECO), formerly known as PCTS. This new system does not yet have external capabilities; therefore, if you need project updates, contact me directly. The ECO number for your project is: SERO-2019-00173.

Best,

Sarah

Sarah Furtak

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5/3/2019

Request for Additional Information

Turkey Point Relicensing

SERO-2019-00173

1. **What is NRC's effect determination for Kemp's ridley sea turtle? Nassau grouper?**
2. **Page 3-105 describes the action area. Please provide an image clearly depicting the action area.**
3. **In Joanne Delaney's August 9, 2018 email to Michelle Moser regarding the June 18, 2018 interagency meeting summary, the following was requested for the EIS:**

Provide water quality monitoring data collected in Biscayne Bay (e.g., concentrations of tritium, nitrogen, phosphorus, salinity), the National Pollutant Discharge Elimination System (NPDES) permit, and mixing zone data and information. We expect NRC to evaluate the impacts of this data and the proposed action and make a reasonable effects determination under Section 7 of the Endangered Species Act for listed species (Florida's Atlantic Coast species list is available at http://sero.nmfs.noaa.gov/protected_resources/section_7/threatened_endangered/Documents/florida_atlantic.pdf). Water quality in the action area will be critical for making an effects determination.

3a. Where are the NPDES discharges?

3b. Where are the permit samples collected?

3c. Figure 3-10 provides surface water monitoring sites. Please provide surface water quality monitoring data collected in Biscayne Bay (i.e., TPBBSW-4, TPBBSW-5, TPBBSW-14, TPBBSW-3, TPBBSW-10) for tritium, nitrogen, phosphorus, ammonia, salinity, and temperature. Please provide respective concentrations, frequency of sampling, and respective state water quality standards for the monitoring sites. If available, provide the data and information listed by monitoring station location (e.g., TPBBSW-4 concentrations for each constituent, frequency of sampling for each constituent, respective state water quality standards for each constituent) or in a map format.

4. **What is the concentration for tritium, ammonia, nitrogen, and phosphorus as well as threshold values for salinity and temperature in the Biscayne Bay surface water monitoring sites that NRC considers likely to adversely affect sea turtles? Smalltooth sawfish? Nassau grouper?**
5. **On page 4-64, the paragraph that begins "In the GEIS..." makes broad assumptions (e.g., assumptions that FPL complied with the discharge limit, that discharge limit is protective of listed species, that NMFS knows what the best management practices [BMPs] are) and conclusions (e.g., that exposure to radionuclides would be well below EPA guidelines, that effects of non-radiological contaminants on aquatic organisms would be SMALL and thus**

5/3/2019

insignificant). What are the radionuclide and non-radiological contaminant concentrations that led to the conclusions? What are the “U.S. Environmental Protection Agency guidelines” NRC refers to? What are the BMPs NRC refers to? Were the guidelines developed to protect listed species under NMFS’s jurisdiction (e.g., sea turtles, smalltooth sawfish, Nassau grouper)? The data and information requested in question 3c are requested because the conclusions are unsupported without actual data.