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Turkey Point Nuclear Plant Units 3 and 4

Comment On: NRC-2018-0101-0001

Florida Power & Light Company; Turkey Point Nuclear Plant Units 3 and 4

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General Comment

Docket ID NRC-2018-0101

I attended the May 31, 2018 Environmental Scoping Meeting in Homestead, FL. I did not comment at that time.

I live in Key Largo which is downstream from the Turkey Point Nuclear Power Plant . I am quite concerned about the ongoing pollution emanating from the cooling canal system (CCS) used by units 3 & 4. In FPL's application to renew their operating license for another 20 years, there is much discussion about the problems with the CCS. Even though FPL claims to be fixing the problems, they use language such as "expected to", "projected to", "as shown in the models" and "achieving progress", all of which sounds more hopeful than factual. Even with such confidence, their most optimistic projection for success in intercepting, capturing, containing, and retracting the salt water plume is 10 years away. This is unacceptable.

Key Largo, as does all of Monroe County, relies on the drinking water that comes exclusively from wells that are dangerously threatened by the hypersaline plume that has extended west from the CCS and reaches way beyond FPL's boundaries. We cannot wait 10 years to learn if this plume will indeed be deterred from polluting our drinking water. What if efforts are unsuccessful? What is the plan then? And who will pay for an alternative drinking supply?

This hypersaline plume radiates east as well and endangers the water quality of Biscayne National Park and its estuarine marine wildlife that inhabits the shoreline shared by FPL.

In addition, many of us are hopeful to see the restoration of the Everglades which would restore freshwater

flows into Biscayne Bay as well as the Florida Bay. FPL's pollution threatens the success of these restoration projects.

Monroe County has spent over \$7 million dollars to date in taxpayer's money to attempt to restore the water quality of their man-made canals and nearshore waters. This will be for a lost cause if upstream pollution, such as that generated by FPL, is not reigned in.

I would ask the NRC to postpone any operating license renewals until the pollution from the CCS has been resolved. It is unknown if the present efforts to remediate the failure of the CCS will be successful or sustainable as the canals remain unlined and the quantities of freshwater needed to counter the salinity may not always be available. A closed system is what should be considered for any extension on operating these units. The present system is antiquated and obviously ineffective.

Thank You for considering my comments.