

## TurkeyPoint34SLREISCEm Resource

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**From:** Dottie Moses <dpmoses@bellsouth.net>  
**Sent:** Tuesday, May 14, 2019 2:06 PM  
**To:** TurkeyPoint34SLREIS Resource  
**Subject:** [External\_Sender] NUREG-1437, Supplement 5, Second Renewal, draft

Dear NRC,

I live in Key Largo, FL in Monroe County which is down wind and down stream from FPL's Turkey Point Nuclear Power Plant. I am quite concerned and worried about their application to renew and extend their operating license on their aging power plant.

I am aware of the hypersaline plume that extends from Turkey Point's antiquated and dysfunctional cooling canal system. This plume is the single most damaging source of groundwater pollution threatening Monroe County's drinking water supply. The plume also intrudes into Biscayne National Park and threatens the health of the wildlife and habitat that the park is meant to protect..

Here in Key Largo, we are already experiencing sunny day flooding from sea level rise. Turkey Point and its cooling canal system will also, if they do not already, be dealing with the consequence of sea level rise. Over time, the canals will experience more and more flooding and this will lead to even more industrial wastewater escaping the canal system.

Renewing Turkey Point's reactors for another 50 years seems ill advised given their disregard for the pollution they are responsible for. Pollution that will personally effect me if allowed to continue unabated.

It is unknown what action, if any, will be effective at reversing the pollution that has escaped the confines of FPL's borders in violation of their permits and allow the cooling canals to operate within their intended footprint. I have lost confidence in FPL, in their sincerity to follow the conditions of their consent order, or their ability (or even desire) to clean up the pollution they are responsible for.

I have heard that even the endangered american crocodiles have experienced negative side effects from the canals when they overheat.

Until FPL has completely resolved the issue of the hypersaline plume, their operating license should not be renewed. Florida is experiencing one water quality issue after another, it is time the source of the pollution be addressed and with better oversight so that the public can feel reassured that our drinking water and environment is being protected.

Dottie Moses  
Key Largo, FL

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