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Docket: NRC-2018-0101
 Turkey Point Nuclear Plant Units 3 and 4

Comment On: NRC-2018-0101-0034
 Florida Power & Light Company; Turkey Point Nuclear Generating Unit Nos. 3 and 4

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 Comment on FR Doc # 2019-06612

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General Comment

May 16, 2019
 Nuclear Regulatory Commission
 Comment on NUREG1437, Supplement 5, Second Renewal, draft

As a concerned citizen and lover of our national parks, I am writing to express my opposition to Florida Power & Light's plans to extend the operating life of the nuclear reactors at Turkey Point Nuclear Power Plant. Turkey Point's current operations jeopardize the health of Biscayne National Park, threatened and endangered wildlife, Everglades restoration plans, and the quality of South Florida's drinking water.

For years, contaminated water from Turkey Point's antiquated cooling canal system has been seeping into the groundwater and polluting surface waters connected to Biscayne Bay and the aquifer that supplies drinking water for millions. Samples of bay water at various depths and sites around the power plant show elevated levels of salt, ammonia, phosphorous, and tritium. Furthermore, Turkey Point's geographic location makes it particularly susceptible to impacts from sea level rise, storm surge, and increasingly severe hurricanes. Under even the most optimistic sea level rise projections, Turkey Point and parts of the cooling canals will be inundated by 2040, 13 years before the end of the reactors' operating life if this proposal is approved. Thus, Turkey Point can be expected to pose even a more serious threat to the Biscayne area's mangrove forests, rare biota, and drinking water supply.

Any plans to extend the operating life of Turkey Point must include concrete measures to address both water contamination and threats from sea level rise and storm surge in order to try to protect Biscayne National Park and the health of surrounding communities and natural areas. Otherwise, the plant's cooling canals should be decommissioned and replaced with alternate cooling technology.

Thank you.

Sincerely,