

## TurkeyPointCEm Resource

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**From:** Brigitte Kavanaugh [cretey1955@gmail.com]  
**Sent:** Wednesday, April 22, 2015 2:42 PM  
**To:** TurkeyPointCOLEIS Resource  
**Subject:** NUREG-2176

Email: [TurkeyPoint.COLEIS@nrc.gov](mailto:TurkeyPoint.COLEIS@nrc.gov)

Re: NUREG-2176

Cindy Bladey, Office of Administration Mail Stop: OWFN 12 H8 U.S. Nuclear  
Regulatory Commission, Washington, DC 20555-000

Dear Ms. Bladey:

This letter is to inform you of my opposition to the construction of the two proposed Nuclear Power Reactors - 6 & 7- at Florida Power and Light's Turkey Point facility.

Very recent history has demonstrated that the potential exists for unanticipated "incidents" to occur at or within Nuclear Power facilities.

Fukushima, Three Mile Island and Chernobyl are just three examples of how the very best intentions can go terribly wrong. The results of these actual unanticipated "incidents" have proven both catastrophic and long-lasting. FP&L's recent problems with the reactor cooling water temperatures only reinforces the fact that unanticipated problems and "incidents" remain a distinct possibility at Turkey Point.

Given the proximity of Turkey Point to the major population centers of South Florida, its location immediately contiguous to the environmentally sensitive, fragile and irreplaceable, Florida Everglades, Everglades National Park, Biscayne National Park, and the Florida Keys Marine Sanctuary, the Turkey Point Nuclear Power Plant exposes the population and natural environment of South Florida to unintended, but nevertheless, extraordinary risk.

The conditions that were present when The Turkey Point facility was originally sited and constructed in the early 1970s are not the same conditions that exist today. Those original conditions and considerations that may have made Turkey Point a viable location for a Nuclear Power Generating Plant have changed dramatically in the ensuing years.

Locating a new, untested, and questionable Nuclear Power Plant design with reduced safety features and possible susceptibility to "flying projectiles," in close proximity to a densely populated metropolitan area, contiguous to extremely fragile natural resources and within a historically proven State of Florida defined High Velocity (Wind)-Hurricane Zone, seems at best to be an ill conceived notion based upon faulty logic and outdated information.

The two fold increase in the population density of Miami-Dade County over the last 40 years to approximately 2,500,000 people, coupled with the growing recognition of the value and need for preservation and protection of the fragile and irreplaceable natural resources that surround the plant, require serious reconsideration of this location for Nuclear Power generation.

The question of whether or not Miami Dade County will ever experience another Hurricane Andrew or similar natural disaster is not a question of "if" but "when". Clear, unobstructed and safe evacuation routes are paramount to the safety of the residents of Miami-Dade County. Constructing the associated new 110' tall High Voltage Electrical Power Line Transmission towers, exempted from the high velocity hurricane zone requirements of the Florida Building Code, in a location that historically experiences Very High Velocity Hurricane force winds, at 200 foot intervals along the length of US One, the major north - south evacuation route for Dade County, poses unacceptable risks to the population of Dade County. Doing so is simply inviting catastrophe in the event of a natural or man-made disaster requiring evacuation.

With the advent of viable, lower cost, and benign alternative power generating technologies such as wind and solar, the risks associated with the expansion of Nuclear Power in South Florida far outweigh any possible benefits that may be derived from the proposed Nuclear Power Plants at Turkey Point.

As the world moves toward ecologically sound and renewable alternative power technologies, I believe it is essential that FP&L follow such established examples of viable and safe utility scale energy production.

Times have changed and technologies have advanced since the inception of the Turkey Point facility. The changes and advancements in viable power generating technologies have been even more dramatic within the 9 years that FP&L has pursued this goal of expanding the nuclear facilities at Turkey Point.

FP&L should not resist change, but embrace it. It is in the interest of FP&L's shareholders, customers, the residents of Miami-Dade County, the residents of the State of Florida, and a healthier, safer world,

to do so.

I urge the NRC, and FP&L, to abandon this ill-conceived plan to expand nuclear power generation at Turkey Point.

Sincerely;

Brigitte Kavanaugh

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