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Division of Administrative Services  
Office of Administration  
U.S. Nuclear Regulatory Commission  
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RULES AND DIRECTIVES  
BRANCH

Re: NRC-2009-0337 Turkey Point Expansion

Dear Ms. Bladley,

I am extremely concerned about the proposal to add more nuclear reactors to the FP&L Turkey Point Site. There are much less risky solutions for meeting the energy needs of the area.

Nuclear power comes with a dangerous byproduct, as well as the dangers of operating a nuclear facility. Although the risks have been mitigated with many safety features, the reality is there are still possibilities of a reactor failure due to human error, natural disasters, or even terrorism. Additionally, the nuclear reactors use an enormous amount of fresh water for cooling that makes the Biscayne Aquifer more susceptible to salt water intrusion. According to the Union of Concerned Scientists, nuclear fission is the most water intensive method of the principal thermoelectric generation options in terms of the amount of water withdrawn from sources. In 2008, nuclear power plants withdrew 8 times as much freshwater as natural gas plants per unit of energy produced, and up to 11 percent more than the average coal plant. Our water supply is a finite resource that we need to conserve in order to support our South Florida population.

The \$20 billion investment in two new reactors would be better spent developing a decentralized energy network that would be less prone to the failures associated with nuclear energy generation. If we were making better use of renewable energy (solar, wind, tide, etc.) at the neighborhood level, we could start to envision a state that doesn't need nuclear plants and their associated nuclear waste. Other nations around the world are already working on a new paradigm, so we need to focus our efforts on catching up to leading edge technology instead of continuing with an obsolete model.

People come from all corners of the world to visit South Florida. They don't come to visit FPL or nuclear power plants. They come to swim in the ocean, enjoy the clean air, soak up some sunshine, visit the Everglades, the Keys, Biscayne National Park, and a host of other activities that give them reasons to come back. Don't put our beautiful peninsula in jeopardy by approving more nuclear reactors. Not in our backyard, and not in anyone's backyard!

Sincerely,

*Gene Meehan*  
*Gene Meehan*  
3900 Wood Ave  
Miami

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