PUBLIC SUBMISSION

As of: 5/27/15 10:53 AM
Received: May 19, 2015
Status: Pending_Post
Tracking No. 1jz-8iy0-fmss
Comments Due: May 22, 2015
Submission Type: Web

Docket: NRC-2009-0337
Notice of Receipt and Availability of Application for a Combined License

Comment On: NRC-2009-0337-0020
Combined License Application for Turkey Point Nuclear Plant, Unit Nos. 6 and 7; Draft Environmental Impact Statement

3/5/2015
80FR12043

Document: NRC-2009-0337-DRAFT-0093
Comment on FR Doc # 2015-05099

Submitter Information

94

Name: Drew Martin

General Comment

I oppose the licencing of two new nuclear reactors at Turkey Point Nuclear Power Plant. This plant is located next to two National Parks. It is negatively impacting Biscayne Bay National Park by drawing surface water from the Biscayne Bay where salinity levels are too high during dry periods. The park area was originally surrounded by natural areas that permitted sheet flow of fresh water into Biscayne Bay. The addition of two new nuclear reactors will increase an already stressed environment. In addition to this problem with surface water two new nuclear reactors will need to increase the amount of ground water required to cool these new reactors. Ground water supplies are already under stress from salt water intrusion and additional development in this area. Climate change could increase salt water intrusion even further increasing this stress level. Why add on two new reactors to increase the competition for fresh water?

Water reuse may not provide adequate water supplies as a supplement to existing water supplies as we increase the needs of the community for reusable water. Some proponents suggest that water reuse can provide adequate water. This assumes that water reuse will not be needed for other needs.

Two new reactors increase the risk of an accident. Adding two new reactors could increase the risk of a nuclear accident. This plant is very close to the ocean. Storm surge or a tidal wave could cause damage to the plant and create a radiation leak. The proximity of this plant to a large population that does not have adequate escape routes due to being on a peninsula increases the safety risk.

This plant will have negative impacts on endangered species. A number of endangered species live near the Turkey Point Nuclear Power Plant. These include a number of endangered wading birds, the American Alligator and the American Crocodile. The surrounding canals have been found to be overheated and on one occasion an American Crocodile was found dead.

SUNSI Review Complete
Template = ADM-013

E-RIDS = ADM-03
Add = A. Williamson (AEW1)

Even though you rely upon the state of Florida for the electric needs assessment and determination of need it is important to point out that these two new reactors may not be needed. Florida is moving to an economy based upon new electric sources of power. There is an attempt to greatly increase solar power in the state of Florida. In the past solar water heaters were common. Florida could return to the days of using more solar power. Energy efficiency could be increased. Florida has not made a significant effort to improve energy efficiency. It ranks behind many states on energy efficiency and does not even have a state policy on increasing renewable energy.

One of the requirements of this evaluation is to look at the impacts of this plant on the two national parks. These parks are situated next to the Turkey Point Power Plant. The building of two additional reactors will increase the need for power lines near or in Everglades National Park. These power lines will impact birds and affect the visual expansiveness of the park. They are an extreme negative to visitors in the area. The power lines are a direct effect of permitting the two new reactors.

An increase of these two reactors will negatively impact these two national parks. Siting of these two new reactors violates the requirement that National Park proximity be taken into account during this evaluation.

Not enough effort has been made to determine the risk from sea level rise. These two new reactors will be built in an area that could be under water in the future. Even if these reactors are being decommissioned at this time how easy will this be if sea level has risen in the surrounding area? It could also impact these reactors during their life time. The estimates of sea level rise continue to be debated. The numbers you are using could be low estimates. What if your estimates are incorrect? I recommend that you look at additional sources for sea level rise estimates.