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Notice of Intent to Conduct Scoping Process and Prepare Environmental Impact Statement NextEra Energy Point Beach, LLC; Point Beach Nuclear Plant, Unit Nos. 1 and 2

Comment On: NRC-2020-0277-0001

Notice of Intent To Conduct Scoping Process and Prepare Environmental Impact Statement; NextEra Energy Point Beach, LLC, Point Beach Nuclear Plant, Units 1 and 2

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General Comment

The Great Lakes contain over 20% of the world's fresh water. As a resident of the State of Michigan, I believe I have a responsibility to protect this resource s a public trust. The EIS needs to address the effects of the release of water from Point Beach into Lake Michigan, in terms of both marginal and cumulative impact. At present, the temperature the temperature in Lake Michigan is increasing. This is resulting in increased episodes of harmful algae and bacteria (cyanobacteria) blooms that affect the aquatic environment, the water supply for business and residential use, the recreation industry and property values along the shore. The EIS must address the following issues:

1. Are there zooplankton affected that represent a food source to higher order species?

2. Has the level of phytoplankton changed since original baseline limnological conditions and will extended licensure perpetuate and/or worsen those impacts?

3. Are there threatened or endangered aquatic species at risk from this release?

4. Are there aquatic species that we depend upon for our food supply at risk?

5. How is the discharge monitored so as to provide an accurate assessment of the impact on water quality?

6. Point Beach Nuclear Power Plant does not have Cooling Towers as part of the normal fuel cycle. Is there a cooling process for the water used during the fuel cycle at present prior to discharge? If so, I would like more information on this process. If not, what needs to be in place?

7. In addition to increased temperature, the EIS needs to address both "normal/acceptable low level discharge" and accidental radiation releases into Lake Michigan and into groundwater vital for communities and farms surrounding Point Beach Nuclear Power.