

**From:** Marjorie Palleon (mpalleon@gmail.com) Sent You a Personal Message  
<kwautomail@phone2action.com>  
**Sent:** Thursday, December 16, 2021 4:06 AM  
**To:** PointBeach-SLRSEIS Resource  
**Subject:** [External\_Sender] Concerns about Point Beach EIS

Dear Nuclear Regulatory Commission,

I feel that nuclear energy is ?not clean? as it creates radioactive waste and other pollution, and can never be considered clean. The waste created by nuclear power remains toxic for a very long time, some of them for more than a million years. There is no permanent storage site for nuclear waste, so it is stored onsite, on the shores of Lake Michigan, the source of drinking water for millions of people. Of course, we're all aware of how extremely dangerous this nuclear waste is, looking at recent disasters caused by accidents at nuclear plants in Chernobyl, Ukraine and Fukushima, Japan. The land where these plants were located will be uninhabitable for millennia (some studies estimate they will be uninhabitable for 20,000 years).

Recently Canadian Prime Minister suggested to President Biden that we store the nuclear waste from our countries in Lake Huron!

Thank you for accepting my comments on the draft Environmental Impact Statement (DEIS) for the renewal of the Point Beach nuclear plant. The DEIS failed to properly consider some important considerations.

First, the DEIS did not properly consider the impacts of a potential accident. Contamination from radioactivity of Lake Michigan's freshwater could be devastating for those who get their drinking water from Lake Michigan and those who recreate on or near the lake. This includes those who use Point Beach State Park to swim, fish, boat, and more. The impacts could be large and the DEIS didn't properly study the environmental, health, and economic impacts of a potential spill.

Climate change is already wreaking havoc on our communities and we know that we need to work hard to avoid the worst impacts of climate change, but that it's too late to stop all damage. However, the DEIS uses outdated data when looking at the impacts of climate change, including updated data about lakeshore levels.

Finally, the DEIS didn't fully consider all of the impacts of extending the Point Beach license, including the short-term impacts. The data related to thermal pollution and the inability for the screens to properly stop fish and smaller life like phytoplankton from being killed. Over time, heating Lake Michigan to unnatural levels and killing of fish and smaller life could lead to ecological changes that need to be more properly considered and reviewed in the DEIS.

The EIS needs to be updated to include these concerns and up-to-date information before any permitting process moves forward.

Sincerely,

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This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at [core.help@sierraclub.org](mailto:core.help@sierraclub.org) or (415) 977-5500.

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