

**From:** Steve Roddy <sidingwen@yahoo.com>  
**Sent:** Sunday, January 2, 2022 1:52 PM  
**To:** PointBeach-SLRSEIS Resource  
**Subject:** [External\_Sender] Public Comment for License Renewal for NextEra Energy Point Beach, LLC; Point Beach Nuclear Plant, Units 1 and 2

Greetings! I offer the following comments on the proposed extension of Point Beach Nuclear Power Plant and its EIS.

I am deeply concerned by embrittlement dangers, climate change, and the fact that truly renewable alternative energy options are increasingly available and cost-effective, thereby rendering this plant an expensive and dangerous dinosaur. We know how the Ohio legislature was bribed into extending dangerous nuclear plants there. How do we know to what extent this process has been corrupted by the usual suspects, too?

Moreover, the EIS contains an inadequate assessment of risk to human health in the event of a severe nuclear accident at PBNP (particularly if unmitigated, ie. a reactor core meltdown).

Environmental damage to the ecosystem in Lake Michigan related to intake of almost one billion gallons of Lake Michigan per day, and the discharge of over 900 million gallons of heated water (24 degree F above ambient lake temperature) daily from the reactors is not scientifically addressed in the draft EIS.

The section on "Alternatives Actions" to be considered is completely inadequate for two reasons: if the license at PBNP is not renewed, the alternatives considered do not include the use of wind power, either onshore or offshore, or energy conservation.

The immediate and imminent impacts of climate change on operations at PBNP are new categories of consideration for an EIS, and much of the science and observed changes are recent phenomenon, which underscores why the most current data must be used and why this topic must receive a fresh and new appraisal of conditions. Fourteen year old data is not acceptable.

- The number of extreme weather events has increased dramatically in the last decade. The August 2020 derecho event in Iowa damaged the Duane Arnold Nuclear Reactor facilities, which narrowly escaped a catastrophic nuclear accident. Point Beach is similarly vulnerable to derechos, tornados and extreme weather events.

Sincerely,

Stephen Roddy  
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