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Docket: NRC-2020-0277

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-2020-0277-0194

NextEra Energy Point Beach, LLC; Point Beach Nuclear Plant, Units 1 and 2

Document: NRC-2020-0277-DRAFT-0225

Comment on FR Doc # 2021-24407

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General Comment

Wisconsin residents need to receive serious consideration to our objections to the renewal of the licenses for Point Beach Reactors 1 and 2.

The reactors are of significant risk of embrittlement due to their age.

Of critical concern is the generation of nuclear radioactive waste next to our drinking water source- over 1,000 metric tons of nuclear waste are stored onsite at PBNP-on the shoreline of Lake Michigan with no permanent waste storage site available in the US.

Concerning climate change, It is unacceptable for the NRC to present fourteen-year-old data as a sound scientific basis for projecting what climate

conditions will be at PBNP 32 years into the future. The number of extreme weather events has increased dramatically in the last

decade. - Lake level fluctuations and larger storm surges contribute to an increase in erosion along the shores of Lake Michigan, threatening reactor operations.

“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. There must be at least one Alternative Action plan based on 100% renewable energy sources.

Small Modular Nuclear Reactors s aren't a viable source of electricity, as they require decades of research and development.

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.

- Water intake kills fish, fish larvae, fish eggs and other aquatic organisms. The NRC's EIS authors must include updated quantitative data on PBNP's damage to the aquatic ecosystem and cumulative effects on

Lake Michigan now and in the “foreseeable” future.

Lastly, Being a vacationer in this area, I worry about a possible accident or release of radioactive materials. The EIS contains an inadequate assessment of risk to human health in the event of a severe nuclear accident at PBNP (particularly a reactor core meltdown).