

From: Marta Karlov <mokarlov2@gmail.com>
Sent: Monday, June 2, 2025 2:50 PM
To: PointBeach-SLRSEIS Resource
Cc: PSR Wisconsin
Subject: [External_Sender] Comments to the NRC Office of Nuclear Material Safety and Safeguards NUREG-1437 Supplement 23 Second Renewal

I am a concerned citizen and mother, with a masters in Environmental Conservation, who has studied the potential impacts of climate change in Wisconsin and believe that continuing to operate Point Beach Nuclear is a recipe for disaster. Do not relicense the Point Beach Nuclear facility for the sake of our children.

More specifically, the Draft Supplemental Environmental Impact Statement (SEIS) includes some updated weather data, but it lacks a rigorous assessment of the most current climate projections for 2030–2055 and beyond. Public input is essential to ensure the Nuclear Regulatory Commission (NRC) addresses this gap.

Over the past two decades, climate change has led to increasingly volatile and extreme weather. Future planning must be based on recent climate patterns and projected future patterns, not outdated historical data like those from 1895. The SEIS must account for how intensified rainfall, wind events, and fluctuating lake levels could affect the structural stability and safe operation of the Point Beach nuclear facility—both reactors and long-term waste storage. Key concerns include:

- Whether site design and infrastructure can withstand projected extreme weather scenarios, including record rainfall and storms such as derechos.
- If water management systems can handle high-volume precipitation without flooding or erosion.
- How shoreline erosion or fluctuating Lake Michigan levels may impact site safety.
- The need for analysis of combined weather events (e.g., heavy rain followed by high winds) and their compounded risks.

The SEIS should reflect the most current climate science, incorporate a margin of safety for uncertainty, and evaluate whether the facility—designed over 50 years ago—is still adequate for today's and tomorrow's climate conditions. A forward-looking, science-based review is essential to protect public health and safety through the 2050s and beyond.

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