

From: John Cruickshank <jcruickshank4@gmail.com>
Sent: Tuesday, October 5, 2021 2:23 PM
To: NorthAnnaEnvironmental Resource
Subject: [External_Sender] Docket ID NRC-2020-0234

NRC Staff Members,

I live in Earlysville, Va. about 40 miles from the North Anna nuclear power plant. My children and grandchildren live even closer to the nuclear power station. I am very concerned that the NRC may approve a 20 year extension of the operating license for this facility without completing a careful review of the safety and environmental issues. I do not believe this plant can operate safely in an earthquake zone without extensive upgrades.

At the very least, I request the following:

- The NRC should require a new Environmental Impact Statement which includes a thorough examination of geologic risks. (This has not been done since the 2011 earthquake.)
- A new assessment of Severe Accident Mitigation Alternatives (SAMA) should be conducted by Dominion. (The last SAMA occurred in 2001.)
- Harvesting and testing of components of the North Anna reactors to determine if they can operate safely for 80 years.
- A new assessment of the structural integrity of the Lake Anna dam which holds the water for cooling the reactors.
- An updated plan for the safe storage of the increasing radioactive waste stored at the power station.
- A full public hearing on the license application which allows the public to speak and considers independent expert testimony.

Please take these necessary measures to ensure the safety of Virginia residents.

John A. Cruickshank

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Comment Number: 3

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