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Tennessee Valley Authority; Clinch River Nuclear Site

Comment On: NRC-2016-0119-0004
Tennessee Valley Authority; Clinch River Nuclear Site; Early Site Permit Application; Intent to Prepare Environmental Impact Statement and Conduct Scoping Process

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General Comment

Docket ID NRC-2016-0119

I oppose the Tennessee Valley Authority application for a early site permit for the Clinch River Nuclear Site in Roane County, Tennessee. I believe this new nuclear power site is unnecessary and too expensive. Every nuclear power plant built in the United States has been plagued by budget overruns and multiple delays. There are better alternatives for additional electrical power generation including solar and wind energy. Solar is now less expensive than fossil fuel power and vastly less expensive than nuclear power.

Also, I understand that this site will employ small modular reactors (SMR). There are no well tested and proven designs for SMR's. SMRs produce extremely toxic, highly radioactive and long-lived nuclear waste for which no safe, long term management exists. SMRs could greatly complicate the disposal of nuclear waste. The use of SMRs would increase the number of designated locations for radioactive nuclear waste in the world, making it harder to control, track and manage.

This proposed site is 25 miles from Knoxville, Tennessee which puts this city at risk if a nuclear accident were to occur. I live in Western North Carolina which is down wind to this proposed site and would be vulnerable to radioactive contamination in the event of a nuclear accident. In addition, the highways of

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Add = P. Vokoun (PSVA) - T. Dozier (PSD2)*

Western North Carolina could experienced traffic transporting nuclear fuel and waste. This is an unnecessary public health hazard.