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**Docket:** NRC-2016-0119  
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

**Document:** NRC-2016-0119-DRAFT-0002  
Comment on FR Doc # 2017-07501

## Submitter Information

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## General Comment

Regarding NRC-2016-0119,

I am writing today to encourage the NRC to prohibit the SMR plans proposed for the Clinch River Site.

The facts show that these reactors are extremely expensive and are not necessary to meet TVA's existing or projected electricity demands. Just like existing nuclear power plants, they produce long-lived, highly radioactive nuclear waste for which no safe management or permanent storage exists. Plutonium-239 has a half-life of 24,000 years! Frankly, there will never be a safe storage solution for this waste since no one can guarantee what will happen thousands of years into the future. When something is too expensive, too dangerous and not necessary, why do it?

Moreover, SMRs are significantly more water-intensive than clean energy choices such as wind, solar and energy efficiency and conservation.

And, as I understand it, SMRs have no actual approved reactor designs.

Please stop this plan from wasting anymore taxpayer dollars. As the NRC website states, the mission of the NRC is to protect people and the environment. This would extend from protecting people and the

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*All = P. Vokoun (PSVI) - T. Doyles (HSD)*

environment from the waste, as well as protecting people from extremely expensive expensive projects that only benefit special interests. Please consider these concerns, and I encourage your agency to stop this SMR plan.

Thank you,  
Grace Robertson  
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