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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-0022
Comment on FR Doc # 2017-07501

Submitter Information

4/13/2017

82FR 17885

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Submitter's Representative: Sandra Goss
Organization: Tennessee Citizens for Wilderness Planning

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General Comment

I write on behalf of Tennessee Citizens for Wilderness Planning (TCWP), an Oak Ridge-based not-for-profit environmental advocacy organization. We are familiar with TVA and partner with them in maintenance of Worthington Cemetery Ecological Study Area/Small Wild Area and Whites Creek Small Wild Area. Thank you for this opportunity to comment on the planning for an Early Site Permit for constructing Small Modular Reactor(s) proposed for the old Clinch River Breeder Reactor Site.

Small, modular reactors have been described as a logical progression in the development and testing of nuclear power systems and it has been suggested that deployment at this site would provide useful technical information as well as additional electricity. Our focus, however, is to comment on the development of the SITE, as is most appropriate for an Early Site Permit, not on the feasibility of the modular reactors.

We recommend environmental zoning for the former Clinch River Breeder Reactor Site. We believe it is appropriate that all of the upland area on the northern half of this peninsula be designated as Zone 4 [Natural Resource Conservation]. Further, portions of the disturbed and level area at the southern end of the peninsula should be designated for Zone 5 [Industrial]. The portion of the site designated for small modular reactor installation would best be limited to the area previously disturbed by prior construction and the relatively level land immediately surrounding it to the north and away from the reservoir. Further, we ask that a strip between 75 m and 300 m wide be maintained along the edge of the Clinch River/Melton Hill Reservoir within this parcel.

SUNSI Review Complete

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Add= P. Vokour (PSV1)

J. Dozier (ESD)

Water use could be an environmental concern, but it is impossible to comment further on water consumption by the proposed reactors without more information about the cooling-system water requirements and other water intake needs. In principle, the adjacent river/reservoir could provide adequate water supply.