

January 5, 2017

Mr. J. W. Shea  
Vice President, Nuclear Licensing  
Tennessee Valley Authority  
1101 Marker Street, LP 1G-C  
Chattanooga, TN 37402-2801

SUBJECT: ACCEPTANCE REVIEW RESULTS FOR AN EARLY SITE PERMIT  
APPLICATION FOR CLINCH RIVER NUCLEAR SITE

Dear Mr. Shea:

By letter dated May 12, 2016, Tennessee Valley Authority (TVA) submitted an early site permit (ESP) application to the U.S. Nuclear Regulatory Commission (NRC) for the Clinch River Nuclear (CRN) Site located in Oak Ridge, Tennessee, in accordance with the requirements contained in Title 10 of the *Code of Federal Regulations* (10 CFR) Part 52, "Licenses, Certifications, and Approvals for Nuclear Power Plants," Subpart A, "Early Site Permits." By letter dated June 17, 2016, the staff acknowledged the receipt of the application and stated its intent to conduct an acceptance review, and a *Federal Register* (FR) Notice of availability of the application was published on June 23, 2016 (81 FR 40929). Consistent with subsequent clarification calls between TVA and NRC, and your letter dated August 11, 2016, TVA provided supplemental information by letters dated June 23, July 6, July 28, September 30, October 21, October 28, December 2, December 8, December 12 and December 15, 2016, in support of the application.

Consistent with the requirements of 10 CFR 2.101, "Filing of application," 10 CFR 52.16, "Contents of applications; general information," and 10 CFR 52.17, "Contents of applications; technical information," the NRC staff completed an acceptance review to determine if the ESP application for the CRN Site, as supplemented, contains sufficient technical information in scope and depth to allow the NRC staff to conduct its detailed technical review and complete it within a predictable timeframe. This letter informs you that the staff has determined that your application, as supplemented, is acceptable for docketing. The docket number for this application is 52-047.

The staff will be developing a full review schedule with public milestones, and NRC will send a schedule letter to you by April 4, 2017. As your application has been formally docketed, technical review of it has already been initiated.

During the detailed technical review of the application, the staff will utilize requests for additional information, site audits, and other similar processes to communicate with you in order to meet any information needs identified.

J.W. Shea

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The enclosed notice of acceptance for docketing has been forwarded to the Office of the *Federal Register*. In accordance with the provisions of 10 CFR 2.104, a separate notice will be published regarding the opportunity to file a petition for leave to intervene in the hearing required for this application.

If you have any questions or comments concerning this matter, I can be reached at via email [Allen.Fetter@nrc.gov](mailto:Allen.Fetter@nrc.gov), or telephone: 301-415-8556. My co-Project Manager for the safety review is Mallecia Sutton ([Mallecia.Sutton@nrc.gov](mailto:Mallecia.Sutton@nrc.gov)), 301-415-0673). Questions that are specific to the environmental review may be directed to Tamsen Dozier ([Tamsen.Dozier@nrc.gov](mailto:Tamsen.Dozier@nrc.gov)), 301-415-2272) or Patricia Vokoun ([Patricia.Vokoun@nrc.gov](mailto:Patricia.Vokoun@nrc.gov)), 301-415-3470).

Sincerely,

**/RA/**

Allen H. Fetter, Senior Project Manager  
Licensing Branch 3  
Division of New Reactor Licensing  
Office of New Reactors

Docket No.: 52-047

Enclosure: As stated

cc: w/encl.: See next page

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If you have any questions or comments concerning this matter, I can be reached at via email [Allen.Fetter@nrc.gov](mailto:Allen.Fetter@nrc.gov), or telephone: 301-415-8556. My co-Project Manager for the safety review is Mallecia Sutton ([Mallecia.Sutton@nrc.gov](mailto:Mallecia.Sutton@nrc.gov), 301-415-0673). Questions that are specific to the environmental review may be directed to Tamsen Dozier ([Tamsen.Dozier@nrc.gov](mailto:Tamsen.Dozier@nrc.gov), 301-415-2272) or Patricia Vokoun ([Patricia.Vokoun@nrc.gov](mailto:Patricia.Vokoun@nrc.gov), 301-415-3470).

Sincerely,

/RA/

Allen H. Fetter, Senior Project Manager  
Licensing Branch 3  
Division of New Reactor Licensing  
Office of New Reactors

Docket No.: 52-047

Enclosure: As stated

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**ADAMS Accession Nos:** ML16355A162 (LTR)  
ML16356A213 (FRN)  
ML16356A226 (PKG) \*via email

**NRO-002**

OFFICE	NRO/DNRL/LB3:PM	NRO/DNRL/LB3:PM	NRO/DNRL/LB3:LA	NRO/DNRL/LB3:BC
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DATE	12/23/2016*	12/21/2016	12/20/2016*	01/03/2017
OFFICE	NRO/DSEA:DD	OGC	NRO/DNRL:DDD	NRO/DNRL:DD
NAME	SFlanders	AWilson/AHove	ABradford	FAkstulewicz
DATE	01/5/2017	12/22/2016*	01/03/2017	01/04/2017

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(Revised 10/03/2016)

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