



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
WASHINGTON, D.C. 20555-0001

July 9, 2025

Scott Hunnewell  
Vice President, New Nuclear Program  
Tennessee Valley Authority  
1101 Market Street  
Chattanooga, TN 37402

**SUBJECT: TENNESSEE VALLEY AUTHORITY - ACCEPTANCE FOR DOCKETING OF  
PART TWO OF THE APPLICATION FOR A CONSTRUCTION PERMIT AT THE  
CLINCH RIVER NUCLEAR SITE (CAC/DOCKET/EPID: 001912/050-000615/  
L-2025-CPS-0001 [through 0017])**

Dear Mr. Hunnewell:

By letters dated April 28, 2025 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML25118A209) and May 20, 2025 (ML25140A062), Tennessee Valley Authority (TVA) submitted both parts of an application for a construction permit (CP) to the U.S. Nuclear Regulatory Commission (NRC or Commission), which, if granted, would allow TVA to construct a nuclear power plant facility, based on the GE Hitachi (GEH) BWRX-300 reactor design, at the Clinch River Nuclear Site in Roane County, Tennessee.

The NRC staff acknowledged receipt of both of TVA's two-part application for a CP under Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50 in the *Federal Register* (90 FR 24425) on June 10, 2025 (ML25133A184) and NRC accepted the first part of the application for docketing on June 12, 2025 (ML25156A058).

The NRC staff performed an acceptance review of the second part of TVA's application for a CP in accordance with the agency's regulations and procedures and determined that the submitted portion of the application is complete and acceptable for docketing and detailed technical review. The docket number already assigned to this project is 50-0615 and this docket number should be included in all future correspondence.

The NRC staff's goal is to conduct an efficient, high-quality safety review applying available insights associated with the agency's risk-informed decision-making principles during its review of the CP application. The safety review supports the issuance of a final safety evaluation report by December 14, 2026 (i.e., 17 months from docketing). This date could change due to several factors, such as the timeframe for resolution of complex technical issues, unanticipated changes to the scope of the review or design changes. In addition, the NRC staff notes that there are several licensing topical reports (TRs) referenced in the CP application that are still under NRC review and TVA also identified (in Section 1.5 of the preliminary safety evaluation report) that further technical information needed to support issuance of the CP is expected to be submitted to NRC between September and November 2025. The proposed schedule is dependent on the timely completion of needed TRs and submittal of the further technical information.

The schedule is also based, in part, on TVA's commitment to provide timely responses to Requests for Additional Information (RAIs). The applicant is also expected to provide support determined necessary by the NRC staff in a timely and organized manner during technical audits. To achieve this schedule, the NRC staff intends to engage TVA frequently during the permit review to address review progress and emerging technical issues. Delays in the NRC staff's receipt of necessary information could result in changes to the review schedule. The NRC requests that TVA inform the NRC staff in writing, as early as possible, in the event that potential delays arise in its support of the schedule.

The NRC staff will provide a detailed schedule for the completion of the safety and environmental reviews of the application in separate correspondence, to include key milestones and resource estimates.

Following the issuance of this letter, a notice will be forwarded to the Federal Register informing the public of the docketing of TVA's complete CP application for detailed review by the staff and the associated opportunity for a hearing on the contents of the application.

If you have any questions, please contact Allen Fetter at 301-415-8556 or by email at [allen.fetter@nrc.gov](mailto:allen.fetter@nrc.gov); and Stacy Joseph at 301-415-3256 or by email at [stacy.joseph@nrc.gov](mailto:stacy.joseph@nrc.gov).

Sincerely,

**/RA/**

Allen Fetter, Senior Project Manager  
New Reactor Licensing and Infrastructure Branch  
Division of New and Renewed Licenses  
Office of Nuclear Reactor Regulation

Docket No.: 50-0615

cc: GovDelivery.com

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**ADAMS Accession No: Letter: ML25182A151****via-Email****NRR-106**

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