



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

April 12, 2018

Mr. Joseph Shea
Vice President, Nuclear Regulatory
Affairs and Support Services
Tennessee Valley Authority
1101 Market Street
Chattanooga, TN 37402

SUBJECT: CLINCH RIVER NUCLEAR EARLY SITE PERMIT APPLICATION SAFETY EVALUATIONS WITH NO OPEN ITEMS FOR SECTION 2.1, "GEOGRAPHY AND DEMOGRAPHY", SECTION 2.2, "NEARBY INDUSTRIAL, TRANSPORTATION AND MILITARY FACILITIES", SECTION 3.5.1.6, "AIRCRAFT HAZARDS", AND SECTION 15.0.3, "RADIOLOGICAL CONSEQUENCES OF DESIGN BASIS ACCIDENTS"

Dear Mr. Shea:

The U.S. Nuclear Regulatory Commission (NRC) staff is preparing safety evaluations (SEs) with no open items for the Clinch River Nuclear (CRN) Site early site permit (ESP) application. These SEs will document the staff's review of your ESP application for the CRN Site, dated May 12, 2016.

The staff's SEs for Section 2.1, "Geography and Demography", Section 2.2, "Nearby Industrial, Transportation and Military Facilities", Section 3.5.1.6, "Aircraft Hazards", and Section 15.0.3, "Radiological Consequences of Design Basis Accidents" are being provided to the Advisory Committee on Reactor Safeguards Subcommittee to support a May 15, 2018, future meeting of the ACRS Subcommittee.

The enclosed SEs are being provided only to TVA for review of proprietary information pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 "Public Inspections, Exemptions, Requests for Withholding." The staff concludes that the enclosed SEs do not contain any information for which exemption from public disclosure has been sought or approved or any factual errors. However, the NRC will withhold the enclosed SEs from public disclosure for 10 business days from the date of this letter to allow you the opportunity to verify the staff's conclusion that the SEs contain no such exempt information or any factual errors. If within that 10 day period, you do not request that all or portions of the SEs be withheld from public disclosure, the enclosures will be made available for public inspection through the NRC Public Document Room and the Publicly Available Records component of NRC's Agencywide Documents Access and Management System and placed on the NRC's public web page for this application.

J. Shea

-2-

If you have any questions or comments concerning this matter, I can be reached at 301-415-8556 or via e-mail address at Allen.Fetter@nrc.gov

Sincerely,

/RA/

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

Docket No.: 52-047

Enclosures:
As stated

cc: w/o encl. See next page

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ADAMS Accession No.: Package: **ML18102A611**
Memorandum: ML18102A612
SEs:
ML18102B203 (Section 2.1 and 2.2)
ML18102B149 (Section 3.5.1.6)
ML18102B150 (Section 15.0.3)

NRO-002

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(Revised 03/12/2018)

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