

**Security-Related Information – Withhold Under 10 CFR 2.390(d)**

**This letter is decontrolled when separated from the Enclosure**



Tennessee Valley Authority, 1101 Market Street, Chattanooga, TN 37402

CNL-16-124

July 28, 2016

10 CFR 2.101  
10 CFR 52.15  
10 CFR 2.390(d)

ATTN: Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Clinch River Nuclear Site  
NRC Project No. 785

**Subject:** Submittal of Hydrology Calculation Input and Output Files in Support of Early Site Permit Application for Clinch River Nuclear Site

**Reference:** Letter from TVA to NRC, CNL-16-081, "Application for Early Site Permit for Clinch River Nuclear Site," dated May 12, 2016

In the referenced letter, Tennessee Valley Authority (TVA) submitted an application for an early site permit for the Clinch River Nuclear (CRN) Site in Oak Ridge, TN. In addition to the contents of the application, TVA is also providing the enclosed hydrology calculation input and output files in support of the NRC staff's review. These files were used in the evaluation of hydrologic, seismic, and sunny day dam failure analyses, as discussed in Site Safety Analysis Report Section 2.4.

The enclosed disk contains security-related information identified by the designation "Security-Related Information - Withhold Under 10 CFR 2.390(d)." TVA requests this information be withheld from public disclosure in accordance with the provisions of 10 CFR 2.390(d).

There are no new regulatory commitments associated with this submittal. If any additional information is needed, please contact Dan Stout at (423) 751-7642.

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D113  
NRD

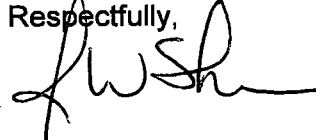
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I declare under penalty of perjury that the foregoing is true and correct. Executed on this 28th day of July 2016.

Respectfully,



J. W. Shea  
Vice President, Nuclear Licensing

Enclosure:

CD-ROM: Hydrology Calculation Input and Output Files (1 copy)

cc: (Enclosure)

Project Manager, Division of New Reactor Licensing (1 copy)

cc: (without Enclosure)

Executive Director of Operations  
Regional Administrator, Region II  
Deputy Executive Director for Reactor and Preparedness Programs  
Director, Office of New Reactor Licensing  
Director, Office of New Reactors  
Branch Chief, Division of New Reactor Licensing  
Project Manager, Division of New Reactor Licensing  
Project Manager, Division of New Reactor Licensing  
Acting Assistant Secretary, Office of Nuclear Energy, Department of Energy  
Deputy Assistant Secretary, Nuclear Reactor Technologies, Department of Energy  
Light Water Reactor Technologies, Department of Energy  
Program Manager, Licensing Technical Support Program, Department of Energy  
Project Manager, Licensing Technical Support Program, Department of Energy  
Regulatory Specialist, Eastern Regulatory Field Office, Nashville District,  
U.S. Army Corp of Engineers

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