



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

PROJ 0785

CNL-16-156

September 30, 2016

10 CFR 2.101
10 CFR 52.15

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 Files in Support of Early Site Permit
Application for Clinch River Nuclear Site

- References:
1. Letter from TVA to NRC, CNL-16-081, "Application for Early Site Permit for Clinch River Nuclear Site," dated May 12, 2016
 2. Letter from TVA to NRC, CNL-16-124, "Submittal of Hydrology Calculation Input and Output Files in Support of Early Site Permit Application for Clinch River Nuclear Site," dated July 28, 2016

By letter dated May 12, 2016 (Reference 1), Tennessee Valley Authority (TVA) submitted an application for an early site permit for the Clinch River Nuclear (CRN) Site in Oak Ridge, TN. By letter dated July 28, 2016 (Reference 2), TVA provided hydrology calculation input and output files used in the evaluation of hydrologic, seismic, and sunny day dam failure analyses.

The purpose of this letter is to provide supplemental information related to the evaluation of hydrologic, seismic, and sunny day dam failure analyses. The enclosed disk contains hydrology calculation input files in addition to the set of hydrology calculation input and output files provided with the Reference 2 letter.

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

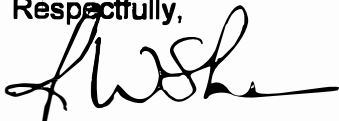
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I declare under penalty of perjury that the foregoing is true and correct. Executed on this 30th day of September 2016.

Respectfully,



J. W. Shea
Vice President, Nuclear Licensing

Enclosure:

(SRI/CEII)

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 Reactors
Director, Division of New Reactor Licensing
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 Corps of Engineers

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