



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

CNL-16-125

July 28, 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 Atmospheric Dispersion 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 CALMET, CALPUFF, and CALPOST input and output files. These files are being provided to support the NRC staff's review of the comparison between the CALPUFF and XOQDOQ modeling results, as discussed in Site Safety Analysis Report Section 2.3.5 and Environmental Report Section 2.7.6. The files are contained in the enclosed external hard drive.

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

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

cc: See Page 2

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NRD

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Enclosure:

External Hard Drive: Atmospheric Dispersion Calculation Input and Output Files (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
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