



Tennessee Valley Authority, 1101 Market Street, LP 5A, Chattanooga, Tennessee 37402-2801

December 30, 2010

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

In the Matter of)
Tennessee Valley Authority)

Clinch River Site
Project Number 785

TVA VOLUNTARY RESPONSE TO RIS 2010-01

- Reference:
- 1) NRC Regulatory Issue Summary (RIS) 2010-01, Process for Scheduling Acceptance Reviews of New Reactor Licensing Applications and Process for Determining Budget Needs for Fiscal Year 2012.
 - 2) TVA letter to NRC dated October 5, 2010, TVA Voluntary Response to RIS 2010-01

This letter supersedes the letter submitted in Reference 2, which provided the TVA voluntary response to NRC RIS 2010-01 (Reference 1). Since the submittal of Reference 2, the information identified as business proprietary was made public. TVA is therefore superseding the October 5, 2010 letter with a public version containing the same information. TVA is providing this information solely to assist the NRC in its planning and scheduling efforts.

TVA's voluntary response to this RIS is provided in Enclosure 1.

If you have any questions, please contact Gordon Arent by telephone at (423) 751-2233, or via email at garent@tva.gov.

Sincerely,

Jack A. Bailey
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Enclosure
cc: See Page 2

D104

U.S. Nuclear Regulatory Commission
Page 2
December 30, 2010

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Enclosure 1
TVA Voluntary Response to NRC Regulatory Issue Summary 2010-01

On February 3, 2010, NRC issued NRC Regulatory Issue Summary (RIS) 2010-01, "Process for Scheduling Acceptance Reviews of New Reactor Licensing Applications and Process for Determining Budget Needs for Fiscal Year 2012." The NRC stated that the intent of the RIS was to provide the NRC with information to assist in determining fiscal year (FY) 2012 (October 1, 2011, to September 30, 2012) resource and budget needs with respect to future construction-related activities and other anticipated 10 CFR Part 52 licensing actions. The following TVA response addresses anticipated licensing actions for a Small Modular Reactor (SMR) that will likely impact NRC resource and budget needs.

Small Modular Reactor Activities

TVA plans to develop and submit letters addressing Key Licensing Assumptions and a detailed Regulatory Framework for one or more SMR modules. The detailed regulatory framework would identify the regulatory requirements applicable to licensing an SMR. Related activities are anticipated to occur during FY2011 and continue through FY2012 with the anticipated submittal of a construction permit application in the fourth quarter of FY2012.

While the intent of the RIS is associated with anticipated 10 CFR Part 52 licensing actions, TVA is evaluating performing the SMR licensing activities using the 10 CFR Part 50 licensing process. Use of the 10 CFR Part 50 process would not affect the above described timeframes. The activities described in this response do not represent plans to construct an SMR. TVA has not yet made a decision to construct an SMR. TVA will notify NRC of any changes to the above descriptions.