



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

April 16, 2021

MEMORANDUM TO: Anna Bradford, Director
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

FROM: Allen Fetter, Senior Project Manager.../RA/
New Reactor Licensing Branch
Division of New and Renewed Licenses
Office of Nuclear Reactor Regulation

SUBJECT: Report on Best Practices and Lessons Learned from Review of
the Clinch River Nuclear Site Early Site Permit Application

The enclosed lessons-learned assessment report of the Clinch River Nuclear Site Early Site Permit Application (ESPA) review was prepared by the U.S. Nuclear Regulatory Commission (NRC) staff. This assessment covers the staff's evaluation of all phases of the safety and environmental reviews, which were conducted between January 2017 and June 2019, and includes an introspective writeup of the best practices and lessons-learned over the course of the staff's review activities.

The enclosed report entitled, "Best Practices and Lessons Learned from Review of the Clinch River Nuclear Site Early Site Permit Application," covers the pre-application interactions, application review aspects, high-level internal interactions (i.e., with management, the Advisory Committee on Reactor Safeguards, and the Commission), and external communications between the NRC and the applicant (Tennessee Valley Authority) up through the preparation for the mandatory hearing.

Docket No. 52-047

Enclosure: As stated

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SUBJECT: REPORT ON BEST PRACTICES AND LESSONS LEARNED FROM REVIEW
OF THE CLINCH RIVER NUCLEAR SITE EARLY SITE PERMIT
APPLICATION DATED: APRIL 16, 2021

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