



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

January 11, 2018

MEMORANDUM TO: Joseph Colaccino, Chief
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Division of New Reactor Licensing
Office of New Reactors

FROM: Tamsen Dozier, Project Manager */RA/*
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Office of New Reactors

SUBJECT: SUMMARY REPORT FOR THE FULL SCOPE ENVIRONMENTAL
AUDIT FOR THE CLINCH RIVER NUCLEAR EARLY SITE PERMIT
APPLICATION

By letter dated May 12, 2016, Tennessee Valley Authority (TVA) submitted an application to the U.S. Nuclear Regulatory Commission (NRC) for an early site permit (ESP) for the Clinch River Nuclear (CRN) Site located in Oak Ridge, Tennessee. TVA's ESP application included an Environmental Report (ER). TVA subsequently provided supplemental information in support of the application and the NRC staff accepted the application for docketing and detailed review on December 30, 2016. On April 13, 2017, the NRC issued a notice of intent to prepare an environmental impact statement (EIS) and to conduct scoping for TVA's ESP application (82 FR 17885).

In support of the NRC staff's environmental review of TVA's ESP application and development of the EIS, the NRC conducted an audit of data and information used to support the ER, as supplemented. The audit was conducted in two parts and the NRC environmental staff was joined by its contractor project team from the Pacific Northwest National Laboratory and by staff from the U.S. Army Corps of Engineers (jointly referred to as the review team). The face-to-face portion of the audit was held primarily at TVA offices in Knoxville, Tennessee from May 15-19, 2017. In conjunction with the information audit, the review team visited the CRN site and surrounding area to become familiar with the site layout and surrounding features. Additionally, the team met with numerous Federal and state agencies to understand their regulatory authorities for resources potentially affected by the project and to discuss any concerns.

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The second portion of the audit included additional teleconference audit discussions and continued review of both non-docketed information and applicant submittals in response to information needs that required information to be placed on the docket. The audit plan used to support these interactions is located in NRC's Agencywide Documents Access and Management System (ADAMS) under Accession No. ML17088A728. The review team developed an initial list of 150 information need items which are grouped under fourteen categories (generally representing the EIS review areas) and this list is provided as Attachment 2 in the audit plan.

The enclosed Environmental Audit Summary Report presents the scope of the audit, the audit team members and applicant staff participants, a description of audit activities including meetings with other Federal, state and local agencies, and a summary of the issues discussed and the status / resolution of the information needs that were outlined in the audit plan.

Docket No. 52-047

Enclosure: As stated

cc w/encl: See next page

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THE CLINCH RIVER NUCLEAR SITE EARLY SITE PERMIT APPLICATION
DATED JANUARY 11, 2018

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