

March 17, 2017

Mr. J. W. Shea
Vice President, Nuclear Licensing
Tennessee Valley Authority
1101 Marker Street, LP 1G-C
Chattanooga, TN 37402-2801

SUBJECT: CLINCH RIVER NUCLEAR SITE EARLY SITE PERMIT APPLICATION REVIEW
SCHEDULE

Dear Mr. Shea:

By letter dated January 5, 2017, the U.S. Nuclear Regulatory Commission (NRC) informed Tennessee Valley Authority (TVA) that the NRC had accepted the Clinch River Nuclear (CRN) Site early site permit (ESP) application for docketing and staff had initiated a detailed technical review. The NRC also stated that the staff would develop a full review schedule with public milestones and the agency would transmit this schedule information to TVA via letter by April 4, 2017. By this letter, the NRC staff hereby transmits the project review schedule.

The CRN Site ESP application project review schedule in the attached enclosure encompasses both the safety and environmental reviews, and is based on both historical review timelines and the staff's judgement regarding the estimated level of effort involved for application review areas. However, with respect to the area of emergency planning, some risk is associated with this first-of-a-kind submittal, which may impact the safety review schedule.

Consistent with previous schedules for ESP application reviews, the CRN Site ESP review schedule does not include the hearing process. Additionally, the ESP review schedule is based, in part, on the assumption that your responses to the staff's requests for additional information (RAIs) will be submitted within 30 days after the issuance of final RAIs. It is anticipated that responses to RAIs will be complete and technically correct, and will provide information sufficient to resolve the staff's concerns.

It is the staff's goal to provide TVA with a review schedule and process that is easy to follow and supports both the identification and resolution of complex issues as early in the review process as possible. To ensure that this occurs, the staff intends to engage TVA frequently as the ESP review progresses to address schedule details, or emerging technical issues, and the staff will endeavor to identify and leverage potential review efficiencies that could lead to a shorter review schedule, to the extent practicable.

J.W. Shea

- 2 -

If you have any questions specific to the safety review, please contact the Lead Project Manager, Allen Fetter (Allen.Fetter@nrc.gov, 301-415-8556) or Mallecia Sutton (Mallecia.Sutton@nrc.gov, 301-415-0673). Questions that are specific to the environmental review may be directed to either Tamsen Dozier (Tamsen.Dozier@nrc.gov, 301-415-2272) or Patricia Vokoun (Patricia.Vokoun@nrc.gov, 301-415-3470).

Sincerely,

/RA/

Allen H. Fetter, Senior Project Manager
Licensing Branch 3
Division of New Reactor Licensing
Office of New Reactors

Docket No.: 52-047

Enclosure: As stated

cc w/encl.: See next page

SUBJECT: CLINCH RIVER NUCLEAR SITE EARLY SITE PERMIT APPLICATION REVIEW
SCHEDULE DATED MARCH 15, 2017

DATED:

DISTRIBUTION:

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NRO-002

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|---------------|-----------------|-----------------|-----------------|-----------------|
| OFFICE | NRO/DNRL/LB3:PM | NRO/DNRL/LB3:PM | NRO/DNRL/LB3:LA | NRO/DNRL/LB3:BC |
| NAME | TDozier/PVokoun | AFetter/MSutton | SGreen | JDonoghue |
| DATE | 03/15/2017 | 03/09/2017 | 03/10/2017 | 03/09/2017 |
| OFFICE | NRO/DNRL:DDD | NRO/DNRL:DD | NRO/DNRL/LB3:PM | |
| NAME | ABradford | FAkstulewicz | AFetter (sign) | |
| DATE | 03/15/2017 | 03/15/2017 | 3/17/2017 | |

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Clinch River Nuclear Site Early Site Permit Application Review Schedule Milestones

| Safety Review | |
|---|------------|
| Phase A – Preliminary Safety Evaluation Report (PSER) and Requests for Additional Information (RAIs) Issued | 08/04/2017 |
| Phase B – Advanced Safety Evaluation (SE) with No Open Items Developed | 10/20/2018 |
| Phase C – ACRS Review and Meetings on Advanced SE | 03/26/2019 |
| Phase D – Final Safety Evaluation Report Issued | 08/17/2019 |
| Environmental Review | |
| Phase 1 – Scoping Summary Report Issued | 11/02/2017 |
| Phase 2 – Draft Environmental Impact Statement (EIS) Issued | 06/01/2018 |
| Phase 3 – Responses to DEIS Public Comments Completed | 01/20/2019 |
| Phase 4 – Final EIS Issued | 06/21/2019 |

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(Revised 10/22/2015)

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