

Attachment 1

Information Needs

CLINCH RIVER NUCEAR SITE – AUDIT PLAN FOR EXCAVATION EXEMPTION REQUEST TECHNICAL TOPICS (EPID NUMBER: L-2024-LLE-0002)

Provide personnel knowledgeable in the topics below for related discussions or item closure. Documentation and related information may be requested related to the topics and corresponding discussions.

1. Excavation site and related areas
 - a. Location of proposed reactor building excavation/footprint
 - b. Location/footprint of temporary disturbance
 - c. Location/description of laydown area(s)
 - d. Location/description of access roads
 - e. Location of concrete batch plant
 - f. Location of spoils/stockpiling area(s)
 - g. Location of nearest noise receptor (other than workforce)
 - h. Location/description of any temporary or permanent improvements needed to support excavation
 - i. Location/description of most recent wetland and habitat information (e.g., maps)
 - j. Location/description of surface water resources (e.g., maps)
 - k. Site drainage patterns, discharge locations
 - l. Geologic characteristics
 - m. Surface and groundwater connections/interaction
 - n. Radiologic characteristics
 - o. Changes to direct Area of Potential Effects (APE) since the Early Site Permit (ESP) final environmental impact statement (EIS) and TVA Programmatic EIS
 - p. Changes to indirect APE since ESP final EIS and TVA Programmatic EIS
 - q. Changes to identified historic properties since TVA Programmatic EIS
 - r. Changes to identified historic properties' eligibility since TVA Programmatic EIS
 - s. Description of archaeological or built environment surveys since U.S. Nuclear Regulatory Commission ESP final EIS or the TVA Programmatic EIS
 - t. Description of any wildlife surveys and known threatened and endangered species
2. Excavation-related activities
 - a. Excavation-related work schedule
 - b. Estimated volume of spoils
 - c. Workforce size and shift schedules
 - d. Duration and peak time of excavation-related work
 - e. Horizontal gravity drains/weep holes
 - f. Dewatering rate, duration, disposal, monitoring
 - g. Water treatment or storage
 - h. Site preparation (e.g., grubbing or ground disturbance)
 - i. Activities in barge and traffic area
 - j. Access road widening
 - k. Types of equipment

- l. Potable and sanitary water use source and amount
 - m. Estimated sanitary waste, solid waste, and gaseous effluents
- 3. Permits needed (local, State, Federal, and Tribal as applicable)
- 4. Programs and procedures
 - a. Worker health safety
 - b. Spoils/stockpile management/disposal
 - c. Stormwater pollution prevention/spill prevention
 - d. Employed best management practices
 - e. Monitoring of water quality
 - f. Avoidance and/or monitoring for known and identified eligible or potentially eligible historic properties
 - g. Description of conversations, communications, or formal consultations with the Tennessee State Historic Preservation Offices, the Advisory Council on Historic Preservation, or Tribes
 - h. Descriptions of any consultations and agreements with U.S. Fish and Wildlife Service
- 5. Potential impacts
 - a. Noise-related impacts to workforce and nearby residents
 - b. Surface water resources impacts (e.g., changes in runoff patterns, pollutant discharges, dewatering discharge)