



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Remediation - Oak Ridge
761 Emory Valley Road
Oak Ridge, Tennessee 37830

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COUNTY MAYOR'S OFFICE

July 17, 2025

Mr. Roger Petrie
Oak Ridge Office of Environmental Management
U.S. Department of Energy
Post Office Box 2001
Oak Ridge, Tennessee 37831

Dear Mr. Petrie

RE: Transmittal of the Phased Construction Completion Report for Pre-Demolition of the Alpha-2 Complex, Oak Ridge, Tennessee (DOE/OR/01-2994&D1)

The Tennessee Department of Environment and Conservation, Division of Remediation-Oak Ridge Office, received the above referenced Phased Construction Completion Report (PCCR) on April 18, 2025. The document has been reviewed pursuant to the Federal Facility Agreement for the Oak Ridge Reservation. The following comments are relevant to that review:

1. **Page 2, Table 1.** Placement of controlled low-strength material (CLSM) into the basement of Alpha-2 is defined as a demolition activity in the Deactivation/Demolition Removal Action Work Plan. Please provide additional discussion about why this scope of work was conducted during pre-demolition.
2. **Page 10, 4th paragraph.** *"All ELEX and COLEX equipment in Bldg. 9201-2 was presumably removed prior to the start of pre-demolition activities."* Explain what this statement means. Has it been confirmed that no ELEX or COLEX equipment remains in the building?
3. **Page 12, Section 2.** Please include a subsection that discusses the contaminants of concern associated with the pre-demolition waste to help inform decisions on future actions.
4. **Page 19, sub-bullet.** The basement characterization packages that were prepared to support future actions should be included in this PCCR.
5. **Page 22, 2nd sub-bullet.** Add additional language clarifying that the sump was removed from operation per a Non-Significant Change to the Upper East Fork Poplar Creek Phase I Interim Record of Decision.

6. **Page 22, 1st primary bullet.** *"Quarterly stormwater samples were also collected at locations C4113 and B4035. These stormwater sampling locations were inaccessible once demolition started."* The document should summarize the stormwater sampling data collected during pre-demolition from these two locations. Also, the U.S. Department of Energy (DOE) should consider this situation a "Lesson Learned" to ensure that future demolition projects select stormwater sampling locations that will remain accessible throughout all phases of demolition.
7. **Page 29, 2nd paragraph.** Please provide the referenced *UCOR Waste Management Plan* for review. In addition, please revise this sentence to remove the discussion about managing waste in accordance with contractual requirements with respect to cost and schedule.

Review of this document meets the review cycle protocol of 90 days. Questions or comments concerning the contents of this letter should be directed to Angel Perkey at the above address or by phone at (865) 985-6851.

Sincerely



Randy C. Young
FFA Project Manager
Division of Remediation – Oak Ridge Office

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