

**National Historic Preservation Act Public Posting**  
**Orano Enrichment USA, LLC – Project IKE Enrichment Facility in Roane County, TN**

The U.S. Nuclear Regulatory Commission (NRC) is considering a license application from Orano Enrichment USA, LLC (Orano) to construct and operate a gaseous centrifuge uranium enrichment facility in Roane County, Tennessee, to be known as Project IKE (Project). The license application was submitted pursuant to Title 10 of the *Code of Federal Regulations* Part 70, “Domestic Licensing of Special Nuclear Material,” Part 30, “Rules of General Applicability to Domestic Licensing of Byproduct Material,” and Part 40, “Domestic Licensing of Source Material.” The license under consideration would authorize Orano to possess and use special nuclear material, source material, and byproduct material for the purposes of constructing, and then operating for up to 40 years, a facility that uses gas centrifuge enrichment technology to enrich uranium. The environmental report portion of the license application is available through the NRC’s Agencywide Documents Access and Management System (ADAMS) Accession No. [ML26030A236](#) or by accessing ADAMS at <https://www.nrc.gov/reading-rm>.

The purpose of this public posting is to initiate and conduct Section 106 consultation pursuant to the National Historic Preservation Act of 1966, as amended (NHPA) for the NRC’s review of the license application. The U.S. Department of Energy (DOE) has a related undertaking, to amend the self-sufficiency parcel-2 (SSP-2) property deed to allow for the construction of a uranium enrichment facility, coincident with NRC’s license application review. DOE has designated NRC as the lead agency for compliance with NHPA Section 106 requirements, consistent with Title 36 of the *Code of Federal Regulations* (36 CFR) Section 800.2(a)(2) ([ML26146A097](#)). The term “undertaking” herein refers to the aforementioned approvals under consideration by the DOE and NRC.

As part of the review, the NRC staff is preparing an environmental impact statement (EIS) under the National Environmental Policy Act of 1969, as amended. The NRC staff is coordinating the NHPA Section 106 consultation process with the preparation of the EIS consistent with 36 CFR 800.8(a).

The NRC has determined that the area of potential effect (APE) for the undertaking includes the area at the proposed site and its immediate environs where the character and use of historic properties may be directly (i.e., physically) or indirectly (i.e., visually or auditorily) impacted by land-disturbing and building activities associated with the construction and operation of the proposed facility. More specifically, the direct effects APE comprises approximately 188 acres and indirect effects APE is a 1-mile radius from the centerpoint of the proposed site (see enclosed map).

Related to DOE’s previous undertaking for site preparation activities, the proposed site was subjected to a Phase I archaeological survey ([ML26065A155](#)) which included a review of previously recorded archaeological sites within one mile ([ML26030A237](#), Table 3-38) and the identification of seven historic rural domestic homesites within the proposed site ([ML26030A237](#), Figure 3-86). The consultant recommended three of the sites as potentially eligible for listing in the National Register of Historic Places and suggested additional archaeological investigations ([ML26065A155](#)). Phase II archaeological testing was conducted at sites 40RE650, 40RE651, and 40RE655, which exhausted the research potential of all three sites ([ML26168A470](#)). The Tennessee State Historic Preservation Officer (TN SHPO) provided concurrence on a finding of no historic properties affected to the DOE on June 16, 2026 ([ML26168A474](#)).

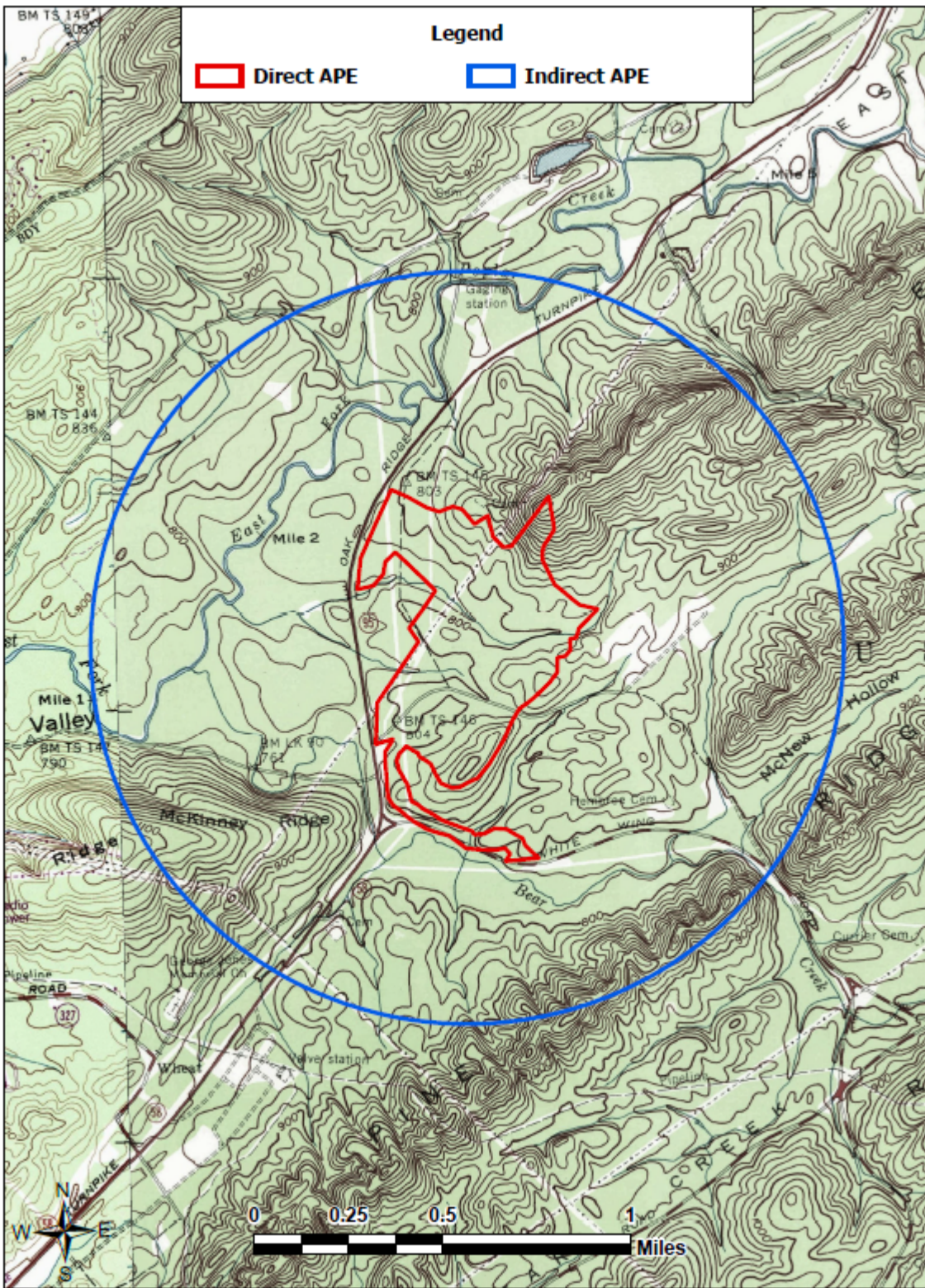
Consistent with 36 CFR 800.3(g) the NRC requested agreement from the TN SHPO to expedite Section 106 consultation for the undertaking. The NRC determined that expediting consultation for this undertaking would be appropriate based on the following:

- The same ~188-acre direct APE has been subject to NHPA Section 106 review by the DOE for site preparation activities at SSP-2; the consultation has been completed and has received concurrence from the TN SHPO (SHPO Project #0007301; [ML26168A474](#))
- Consulting parties and the public have an opportunity to review historic and cultural resources information and provide comments during NRC's Section 106 consultation process (presented herein)

TN SHPO agreed that Section 106 consultation could be expedited ([ML26148A025](#)).

Based on the results of previous investigations and consultations, which were related to site preparation activities within the APE for the Project, the NRC has made a determination of no historic properties affected for the undertaking. Pursuant to 36 CFR 800, the NRC invites comments within 30 days.

Comments, questions, and concerns may be submitted to Beau Goldstein, Archaeologist, via email at [Beau.Goldstein@nrc.gov](mailto:Beau.Goldstein@nrc.gov) or Stacey Imboden, Senior Project Manager, via email at [Stacey.Imboden@nrc.gov](mailto:Stacey.Imboden@nrc.gov) within 30 days.



Orano Project IKE - Oak Ridge, TN