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

July 16, 2026

Libby Rogers, Principal Chief
Jena Band of Choctaw Indians
P.O. Box 14
Jena, LA 71342-0014

SUBJECT: SECTION 106 CONSULTATION FOR THE LICENSE APPLICATION OF RADIANT INDUSTRIES, INC.'S R-50 PROJECT IN ROANE COUNTY, TENNESSEE (DOCKET NUMBER: 70-7045)

Dear Principal Chief Libby Rogers:

The U.S. Nuclear Regulatory Commission (NRC) is considering a license request from Radiant Industries, Inc. (Radiant) submitted on February 25, 2026, pursuant to Title 10 of the *Code of Federal Regulations* Part 70, "Domestic Licensing of Special Nuclear Material," for the R-50 project in Roane County, Tennessee. The R-50 project would include receiving tri-structural isotropic particle fuel (TRISO), packaging TRISO compacts into monoliths, and storage. The application for a license is available through the NRC's Agencywide Documents Access and Management System (ADAMS), accessible at https://www.nrc.gov/reading-rm. The environmental report portion of the application is listed under ADAMS ML26058A379.

The proposed site is located within the former K-25 Gaseous Diffusion Plant portion of the Oak Ridge Reservation and was largely undeveloped until construction of uranium enrichment operations infrastructure in 1943. More specifically, the proposed site is located on the former K-27 and K-29 building sites. The original uranium enrichment operations supported the development of nuclear weapons as part of the U.S. Army's Manhattan Project and later expanded to include production of enriched uranium for fabrication into fuel elements for nuclear reactors. Uranium enrichment continued from 1943 until the Department of Energy (DOE) terminated the program in 1987, and subsequently initiated site environmental cleanup and restoration activities. In 1997 the K-25 Gaseous Diffusion Plant site was renamed the "East Tennessee Technology Park," to support reindustrialization and reuse of former DOE assets by private industry. Between 1987 and 2024, more than 500 buildings (including those within the proposed site) were demolished and soil cleanup/remediation activities were completed.

As stated in previous correspondence, and in accordance with Title 36 of the *Code of Federal Regulations* (36 CFR) Section 800.8(c), the NRC is complying with Section 106 of the National Historic Preservation Act of 1966, as amended (NHPA), through the National Environmental Policy Act of 1969, as amended, process. The draft historic and cultural resources section of the environmental assessment, and a record of all consultations and responses, is publicly available for review and comment at https://www.nrc.gov/reactors/new-reactors/advanced/who-were-working-with/pre-application-activities/kaleidos, under the "10 CFR Part 70 Licensing Activities" section. Based on this review, the NRC staff has made a determination of no adverse effect to historic properties for the undertaking.

Pursuant to 36 CFR 800.8, the NRC invites you to submit any comments or concerns that you may have regarding NHPA Section 106 consultation within 30 days. Comments, questions, and concerns may be submitted to Beau Goldstein, Archaeologist, via email at beau.goldstein@nrc.gov or Jill Caverly, Senior Environmental Project Manager, via email at Jill.Caverly@nrc.gov within 30 days of the receipt of this letter.

Sincerely,

ROBERT SUN Digitally signed by ROBERT SUN
Date: 2026.07.16 13:14:09
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Robert Sun, Chief
Environmental Review Materials Branch
Division of Spent Fuel Storage
and Transportation
Office of Nuclear Material Safety
and Safeguards

Docket No. 70-7045

cc: Granicus Communications

Johnna Flynn
Tribal Historic Preservation Officer
jflynn@jenachoctaw.org

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DATED:

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JCaverly, NMSS/SFST
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ADAMS Accession Numbers:
PKG: ML26190A060 (Multiple Tribal Letters)
SCD: ML26190A067
E-Wok Concurrence Case: 20260709-01189