



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

October 22, 2025

Honorable Dennis Alex, Chairman
Northwestern Band
of the Shoshone Nation
2575 Commerce Way
Ogden, UT 84401

**SUBJECT: CONCLUSION OF SECTION 106 CONSULTATION, AND NOTICE OF
AVAILABILITY OF THE FINAL ENVIRONMENTAL IMPACT STATEMENT FOR
THE PROPOSED KEMMERER POWER STATION UNIT 1 SITE IN LINCOLN
COUNTY, WYOMING (DBI_WY_2022_280) (DOCKET NUMBER: 50-613)**

Dear Chairman Dennis Alex:

The purpose of this letter is to inform you that the U.S. Nuclear Regulatory Commission (NRC) staff has completed its environmental review of the TerraPower, LLC (TerraPower) permit application to construct the Natrium Reactor Plant in Kemmerer, Lincoln County, Wyoming (Kemmerer Power Station Unit 1). TerraPower is a wholly owned subsidiary of US SFR Owner, LLC. Pursuant to Section 106 of the National Historic Preservation Act of 1966, as amended (NHPA), and paragraph 800.8(c) of Title 36 of the *Code of Federal Regulations* (36 CFR) Part 800—the regulations implementing NHPA Section 106—the NRC staff used the National Environmental Policy Act of 1969, as amended (NEPA), process to comply with NHPA Section 106 in lieu of the procedures set forth in 36 CFR 800.3 through 800.6. The NRC is the lead Federal agency for the environmental review under NEPA and for NHPA Section 106 consultation, with the U.S. Department of Energy serving as a cooperating agency.

As part of its review, the NRC has issued a final environmental impact statement (EIS), NUREG-2268, “Environmental Impact Statement for the Construction Permit Application for Kemmerer Power Station Unit 1” (Agencywide Documents Access and Management System’s [ADAMS] Accession No. ML25287A017). The final EIS is available via the following link: [Kemmerer Power Station Unit 1 Final EIS](#). and from the NRC’s Kemmerer Power Station Unit 1 Application website: <https://www.nrc.gov/reactors/new-reactors/advanced/who-were-working-with/applicant-projects/terrapower>.

The final EIS, Section 3.7, and Appendices B and C, serve as the administrative record of the NRC NHPA Section 106 compliance and consultation. The NRC’s determination under Section 106 of the NHPA is that the undertaking will have no adverse effect on historic properties, since the eligible and contributing portions of historic properties within the area of potential effects will be avoided by construction activities. The Wyoming State Historic Preservation Office concurred with this determination by letter dated August 6, 2025 ([ML25219A012](#)). The NRC further determined that while there are no adverse effects on historic properties as part of this NHPA Section 106, since construction activities will occur within and immediately adjacent to archaeological site boundaries, there would be a MODERATE impact under NEPA.

As noted in Section 3.7 of the final EIS, the Northern Arapaho Tribe responded to the NRC's request for review of the NHPA Section 106 determination by requesting that a Tribal monitor be present during construction of the parking lot adjacent to and within an archaeological site boundary ([ML25251A276](#)). TerraPower plans to involve a Tribal monitor during future construction and will include protection and long-term management of archaeological sites into their environmental management policies for the facility.

If you have any questions concerning the NRC's NHPA Section 106 review, please contact Patricia Vokoun, Environmental Project Manager, by phone at 301-415-3470 or via email at Patricia.Vokoun@nrc.gov.

Sincerely,



Signed by Barnhurst, Daniel
on 10/22/25

Daniel Barnhurst, Chief
Environmental Project Management Branch 3
Division of Rulemaking, Environmental,
and Financial Support
Office of Nuclear Material Safety
and Safeguards

Docket No. 50-613

cc: TerraPower Environmental Unit 1
via GovDelivery

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CONCLUSION OF SECTION 106 CONSULTATION, NOTICE OF AVAILABILITY OF THE FINAL ENVIRONMENTAL IMPACT STATEMENT, AND RECORD OF DECISION FOR THE PROPOSED KEMMERER POWER STATION UNIT 1 SITE IN LINCOLN COUNTY, WYOMING (DBI_WY_2022_280) (DOCKET NUMBER: 50-613) DATE October 22, 2025

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