



November 2, 2023

**SUBJECT:** Notice of Availability of Draft Environmental Assessment for the TerraPower, LLC's Test and Fill Facility Project, Lincoln County, WY (DOE/EA-2217)

The U. S. Department of Energy (DOE) is requesting public input on the draft Environmental Assessment (EA) for TerraPower, LLC's (TerraPower) Test and Fill Facility (TFF) Project, located in Lincoln County, Wyoming. DOE is proposing to provide federal funding to TerraPower to construct and operate this facility under the Advanced Reactor Demonstration Program. The Test and Fill Facility is designed as testing site for the TerraPower Sodium reactor's non-nuclear operating systems, particularly those relating to the design's sodium coolant. This facility would receive, sample, process, store, and then deliver liquid sodium to areas where component tests are performed, including the planned Kemmerer Unit 1 reactor. The research conducted at this facility would serve the sodium reactor community around the world, as interest in this technology continues to grow globally.

DOE is the lead federal agency in the preparation of the EA. Pursuant to the requirements of the National Environmental Policy Act (42 U.S.C. 4321 et seq.; NEPA), Council on Environmental Quality regulations (40 CFR Parts 1500 to 1508), and DOE NEPA implementing procedures (10 CFR Part 1021), DOE, prepared a draft EA to evaluate the potential direct, indirect, and cumulative impacts of the proposed project.

We formally invite you to engage with us in Government-to-Government consultation(s) regarding the proposed project so that we may be aware and take into consideration your views and possible impacts to the Tribe. If you would like to schedule a consultation meeting regarding the proposed project, please contact Gretchen Applegate, NEPA Document Manager, at (240) 252-0399 or [gretchen.applegate@hq.doe.gov](mailto:gretchen.applegate@hq.doe.gov), at your earliest convenience. You are also welcome to contact Brian Ó Donnchadha, Tribal Liaison, at (240) 252-8577 or [brian.odonnchadha@hq.doe.gov](mailto:brian.odonnchadha@hq.doe.gov), at your earliest convenience.

### **Resource Areas Analyzed in the EA**

The EA describes and analyzes potential impacts to the human environment that would be caused by the proposed project and, as applicable, identifies possible mitigation measures to reduce or eliminate those impacts. DOE analyzed the following resource areas and issues in the EA:

- Biological Resources
- Socioeconomics
- Environmental Justice
- Cultural and Historic Resources
- Geology and Soils
- Hydrology
- Infrastructure including emergency services, transportation, and traffic

- Accidents and hazards

### Comment Period

DOE welcomes your input on the **DOE/EA-2217: TerraPower, LLC's Test and Fill Facility Project, Lincoln County, WY**. In addition to this notice, you can the draft EA at: <https://energy.gov/nepa/doeea-2217-terrapower-llcs-test-and-fill-facility-project-lincoln-county-wy-0>

DOE invites you to attend an informational public meeting at the South Lincoln Training & Events Center in Kemmerer, WY on the evening of November 16, 2023, from 5 PM – 8 PM MST. The meeting will be held in an open house format with project posters and subject matter experts available to provide information and help answer questions.

To ensure DOE receives your written comments in time for consideration in preparation of the draft EA, please provide them on or before **December 1, 2023**. DOE welcomes your comments by physical or electronic mail.

Provide comments by physical mail to:

U.S. Department of Energy  
ATTN: Jessica Buckley  
12011 Sunset Hills Rd  
Reston, VA 20190

Provide comments by e-mail to:

Gretchen Applegate, DOE NEPA Document Manager  
[oced.esh@hq.doe.gov](mailto:oced.esh@hq.doe.gov)

Please indicate in any response to this letter if you would like your comments withheld from the record due to sensitive or proprietary information.

We look forward to hearing from you.

Sincerely,

*Gretchen Applegate*

Gretchen Applegate  
NEPA Specialist