



## Department of Energy

Washington, DC 20585



**OCED**  
Office of Clean Energy Demonstrations

May 25, 2023

**SUBJECT:** Notice of Scoping 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 input on the scope of an Environmental Assessment (EA) for TerraPower, LLC's (TerraPower) Test and Fill Facility (TFF) Project, located in Lincoln County, Wyoming. DOE is proposing to authorize the expenditure of federal funding by TerraPower to support the construction and operation of the TFF. The TFF would receive, sample, process, store, and deliver liquid sodium to areas where component tests are performed as well as the planned Kemmerer Unit 1. The research from the TFF would serve the sodium reactor community at large as the technology continues to grow and be adopted around the world. DOE will be 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, is preparing 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 that Will be Considered in the EA**

The EA will describe and analyze potential impacts to the human environment that would be caused by the proposed project and, as applicable, will identify possible mitigation measures to reduce or eliminate those impacts. DOE has identified the following resource areas and issues for consideration in the EA:

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

## Scoping

Scoping is a key component of the NEPA process and is used to help the agency define the scope of issues to be addressed in the EA DOE welcomes your input on the proposed scope of **DOE/EA-2217: TerraPower, LLC's Test and Fill Facility Project, Lincoln County, WY**. You can review a detailed project description at: <https://energy.gov/nepa/doeea-2217-terrapower-llcs-test-and-fill-facility-project-lincoln-county-wy-0>

To ensure DOE receives your written comments in time for consideration in preparation of the draft EA, please provide them on or before June 14, 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.

DOE intends to publish the draft EA for review and comment when it is available and to host a public meeting on the draft EA in the project area. DOE will provide information on the EA throughout the process at the web address provided above.

We look forward to hearing from you.

Sincerely,

*Gretchen Applegate*

Gretchen Applegate  
NEPA Specialist