



NRC NEWS

Office of Public Affairs, Headquarters



Washington, DC. 20555-0001
www.nrc.gov ■ opa.resource@nrc.gov

No: 25-027

May 8, 2025

CONTACT: [Scott Burnell](#), 301-415-8200

NRC Issues Exemption for Proposed Kemmerer Power Station Unit 1 Project

The NRC has issued an [exemption](#) related to the “energy island” of the proposed Kemmerer Power Station Unit 1 nuclear power plant project in Wyoming. That exemption covers a limited portion of structures, systems, and components, enabling the project to proceed with certain activities including driving piles, installing foundations, or assembling, fabricating, or testing the limited set of structures, systems and components, without a limited work authorization. The NRC continues reviewing the construction permit application for the overall project.

TerraPower’s proposed Sodium design includes a nuclear reactor and the energy island. The energy island’s stated purpose is storing excess heat to increase electricity output during high demand periods. The NRC review determined that allowing certain activities related to the limited set of structures, systems and components will not present an undue risk to public health and safety, is consistent with common defense and security, and that special circumstances are present.

Granting the exemption has no impact on the agency’s eventual decision on the construction permit for the proposed reactor. US SFR Owner LLC, the wholly owned TerraPower subsidiary seeking the permit, assumes the risk that the NRC could later deny the application. Information about the Kemmerer Unit 1 review is available on the NRC [website](#).