



# NRC NEWS

Office of Public Affairs, Headquarters

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



No: 24-044  
CONTACT: [Scott Burnell](#), 301-415-8200

June 4, 2024

## **NRC Announces Opportunity to Request a Hearing for the TerraPower Construction Permit Application**

The Nuclear Regulatory Commission is announcing an opportunity for the public to request a hearing on a construction permit application from TerraPower seeking permission to build the company's Sodium nuclear power plant near Kemmerer, Wyoming.

TerraPower, through its subsidiary US SFR Owner, filed the application in March, requesting a permit to build the sodium-cooled, advanced reactor design on a site near an existing coal-fired power plant. The 345-megawatt electric Sodium plant includes an energy storage system to temporarily boost output up to 500 MWe, when needed. If the NRC ultimately issues the permit, TerraPower would need to submit a separate operating license application to obtain permission to run the reactor.

The NRC staff has determined the application contains sufficient information for the agency to formally docket the application and begin its safety and environmental reviews. Docketing the application is not an indication of whether the NRC will issue the construction permit. The [notice](#) in today's Federal Register includes instructions for filing hearing requests. The filing deadline is Aug. 5.

Information about the regulation of new reactors is available on the NRC [website](#). A copy of the TerraPower construction permit application will be available on the [NRC website](#) and at the Lincoln County Library – Kemmerer at 519 Emerald St., in Kemmerer.