



NRC NEWS

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NRC Makes Available TerraPower's Construction Permit Application for Site in Kemmerer, Wyoming

The Nuclear Regulatory Commission has received a construction permit application from TerraPower seeking permission to build the company's Natrium nuclear power plant near Kemmerer, Wyoming. The [application](#) is now available for public inspection on the NRC website.

TerraPower filed the application on March 28, 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 Natrium 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 in the future to obtain permission to run the reactor.

The NRC staff is processing the application to determine if it has sufficient information to begin the agency's safety and environmental reviews. If the application is determined to be complete, the staff will docket it and publish a notice of opportunity to request a hearing before the NRC's Atomic Safety and Licensing Board.

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