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NRC Accelerates Review of Kemmerer Power Station Construction Permit

The Nuclear Regulatory Commission has set a more aggressive [schedule](#) and aims to complete its review by the end of 2025 on TerraPower's construction permit application for Kemmerer Power Station Unit 1 in Kemmerer, Wyoming.

Frequent and productive engagements with TerraPower, along with other efficiency gains, mean the NRC could complete reviews by Dec. 31, 2025, 6 months ahead of the current schedule. The accelerated timeline depends on a continued commitment from TerraPower to resolve the remaining issues in a timely manner.

TerraPower, through its subsidiary US SFR Owner, filed the [application](#) in March 2024, 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 issues the construction permit, TerraPower would need to submit a separate operating license application.

A copy of the TerraPower construction permit application, is available at the Lincoln County Library, 519 Emerald St. in Kemmerer. More information about [new reactor licensing](#) is available on the NRC website.