



June 2, 2023

TP-LIC-LET-0076
Project Number 99902100

U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001
ATTN: Document Control Desk

Subject: Kemmerer Power Station Unit 1 Construction Permit Application
Submittal Timeline

By letter dated June 8, 2021, TerraPower, LLC (TerraPower) transmitted the Regulatory Engagement Plan for the SodiumTM Reactor Plant¹ to the U.S. Nuclear Regulatory Commission (NRC). The Regulatory Engagement Plan provided proposed interactions with the NRC and an anticipated submittal date of the Construction Permit Application (CPA) in August 2023. The letter also stated that changes to the Regulatory Engagement Plan would be communicated to the NRC in advance. A statement issued by TerraPower in December 2022 communicated a delay caused by HALEU availability that would likely result in a minimum of a two-year delay to being able to bring Kemmerer Power Station Unit 1 into operation.

The purpose of this letter is to provide an update on the submittal timeline of the CPA for Kemmerer Power Station Unit 1. TerraPower remains committed to the robust schedule for pre-application engagements with the NRC leading up to the CPA submittal. Although the anticipated submittal date of the CPA is no longer August 2023, TerraPower will continue communications to NRC on this topic and provide an updated submittal date in the near future.

This letter and enclosures make no new or revised regulatory commitments.

¹ a TerraPower and GE-Hitachi technology.



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If you have any questions regarding this submittal, please contact Ryan Sprengel at rsprengel@terrapower.com or (425) 324-2888.

Sincerely,

A handwritten signature in black ink that reads "Ryan Sprengel".

Ryan Sprengel
Director of Licensing, Natrium
TerraPower, LLC

cc: Mallecia Sutton, NRC
Andrew Proffitt, NRC
William Jessup, NRC
Nathan Howard, DOE
Jeff Ciocco, DOE