

December 15, 2025

Docket No. 50-7513

US Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

Subject: Kairos Power LLC  
Presentation Materials for the Kairos Power Meeting with the Nuclear Regulatory  
Commission on Hermes External Event Design Criteria

This letter transmits the presentation slides for the December 18, 2025 meeting to discuss external event design criteria for the Kairos Power Fluoride Salt-Cooled, High Temperature Non-Power Reactor (Hermes). Enclosure 1 provides the non-proprietary slides. Kairos Power authorizes the Nuclear Regulatory Commission to reproduce and distribute the submitted content, as necessary, to support the conduct of their regulatory responsibilities.

If you have any questions or need any additional information, please contact Keoni Sanny at [sanny@kairospower.com](mailto:sanny@kairospower.com) or (651) 500-8039 or Drew Peebles at [peebles@kairospower.com](mailto:peebles@kairospower.com) or (704) 275-5388.

Sincerely,



Darrell Gardner  
Senior Director, Licensing

Enclosure:

- 1) Presentation Slides for the December 18, 2025 Hermes External Event Design Criteria Meeting (Non-Proprietary)

xc (w/enclosure):

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