

# PUBLIC SUBMISSION

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ADD: Tami Dozier,  
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**Docket:** NRC-2021-0193  
Kairos Power, LLC

**Comment On:** NRC-2021-0193-0003  
Notice of Intent To Conduct Scoping Process and Prepare Environmental Impact Statement; Kairos Energy, LLC, Kairos Test Reactor

**Document:** NRC-2021-0193-DRAFT-0005  
Comment on FR Doc # 2022-03537

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## Submitter Information

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**Organization:** Nuclear Matters

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## General Comment

I'm submitting this comment on behalf of Nuclear Matters.

Thank you for your consideration.

Docket ID NRC-2021-0193

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## Attachments

NRC NM comments on scope of environmental review for KAIROS



April 19, 2022

U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

**Subject:** Nuclear Matters Comments on the Scope of the Environmental Review for Kairos Power Hermes

*Comments submitted to the NRC electronically using the email address [KairosHermes-CPEIS@nrc.gov](mailto:KairosHermes-CPEIS@nrc.gov)*

[Docket ID NRC-2021-0193]

Nuclear Matters is a national coalition that works to inform the public and policymakers about the benefits of nuclear energy. We are a diverse community of over 600,000 advocates that support solutions encouraging current and future nuclear energy use, and we articulate the positive impact of nuclear power on issues such as public health and environmental equity.

On behalf of our 600,000+ grassroots advocates, we are reaching out regarding the Nuclear Regulatory Commission's (NRC) public comment period on the scoping of the environmental review pertaining to Kairos Power's construction permit application for the Hermes demonstration reactor to be built in Oak Ridge, Tennessee.

Nuclear Matters applauds the significant effort by the industry to streamline environmental reviews for first-of-a kind advanced nuclear demonstration projects and encourages the NRC to consider the efficiency and timeliness of the environmental review during the scoping process for new reactor applications.

The secure deployment of advanced reactors is crucial to meeting our carbon reduction goals and strengthening our national energy security, as well as solidifying the U.S.'s global leadership on advanced nuclear technology. In addition, the advancement of new reactor technologies provides a career pathway for the next generation of nuclear industry professionals. Nuclear Matters encourages the environmental review scoping to fully recognize these positive environmental and economic impacts, plus the long safety record of the commercial nuclear power sector.

Nuclear Matters appreciates the opportunity to provide comments on the scoping of the environmental review. Our advocates are enthusiastic about and supportive of the next generation of nuclear technology, including advanced reactor types. Improving the efficiency and timeliness of the environmental review during the scoping process will help sustain and advance the progress made with these innovations that will play a key role in securing America's clean energy future.

Sincerely,  
Nuclear Matters