



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

February 18, 2022

Mr. Peter Hastings
Vice President, Regulatory Affairs and Quality
Kairos Power, LLC
707 W Tower Ave
Alameda, CA 94501

SUBJECT: KAIROS POWER, LLC, - NOTICE OF INTENT TO CONDUCT SCOPING
PROCESS AND PREPARE AN ENVIRONMENTAL IMPACT STATEMENT
(EPID NO. L-2021-NEW-0012)

Dear Mr. Hastings:

By letter dated September 29, 2021 (Agencywide Documents Access and Management System Accession No. ML21272A375), Kairos Power, LLC (Kairos) an application for a construction permit for the Hermes non-power test reactor, pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50, "Domestic Licensing of Production and Utilization Facilities," and Section 104c of the Atomic Energy Act of 1954, as amended. Additionally, by letter dated October 31, 2021 (ML21306A131), Kairos submitted an Environmental Report (ER) in support of its Hermes construction permit application. As stated in a letter to you dated November 29, 2021 (ML21319A354), the U.S. Nuclear Regulatory Commission (NRC) staff determined that the application, including the ER, is acceptable for docketing and that the staff will proceed with its detailed technical review. This letter provides information related to the NRC staff's environmental review of the application.

The NRC staff has prepared a Notice of Intent (NOI) advising the public that the NRC intends to conduct a scoping process to gather the information necessary to prepare an Environmental Impact Statement related to the review of the application for a construction permit. Enclosed is a copy of the NOI that will be forwarded to the Office of the Federal Register for publication.

Pursuant to 10 CFR 51.28, Kairos is invited to participate in the environmental scoping process. As discussed in the NOI, the NRC staff is providing the public with the opportunity to participate in a joint public outreach and environmental scoping meeting to be held on March 23, 2022. Meeting details will be available by March 11, 2022 at <https://www.nrc.gov/reactors/non-power/kairos-hermes.html> or at the NRC's Public Meeting Schedule website at <https://www.nrc.gov/pmns/mtg>. At this meeting, the NRC staff will present an overview of the safety and environmental review processes and describe how these processes will be implemented for the review of the construction permit application. The NRC staff will also provide members of the public an opportunity to provide comments.

If you have any questions on this matter, please contact Ms. Tamsen Dozier via e-mail at Tamsen.Dozier@nrc.gov or Mr. Peyton Doub at Peyton.Doub@nrc.gov.

Sincerely,

/RA/

Kenneth Erwin, Chief
Environmental Review New Reactor Branch
Division of Rulemaking, Environment,
and Financial Support
Office of Nuclear Material Safety
and Safeguards

Docket No 50-7513

Enclosure:

Notice of Intent to Prepare an Environmental Impact Statement and Conduct Scoping

cc w/encl: Listserv

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DATED: February 18, 2022

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