



December 22, 2022

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
11555 Rockville Pike
Rockville, MD 20852

Subject: Oklo Inc.
"Safety Analysis: Initiating Event Analysis" White Paper

Oklo Inc. (Oklo) is submitting to the U.S. Nuclear Regulatory Commission (NRC) a white paper entitled "Safety Analysis: Initiating Event Analysis," as Enclosure 1 to this letter.

This paper details Oklo's comprehensive and systematic search for initiating events for its advanced fission technologies. The search process is one step in demonstrating the enhanced safety characteristics of Oklo's products. This paper is also intended to add clarity to portions of Oklo's approach to safety analysis as a result of NRC feedback. Oklo is interested in engaging in pre-application with the NRC staff on this topic to highlight its importance and obtain valuable staff feedback.

Oklo is prepared to support the NRC staff in reviewing this white paper. Oklo respectfully requests written feedback following the review and discussion.

Oklo requests that Enclosure 1 and Enclosure 3 be withheld in their entirety from public disclosure pursuant to 10 CFR §2.390, due to including detailed confidential and proprietary business information and strategy.

If you have any questions or need any additional information, please contact us at regulatory@oklo.com or (650) 550-0127.

Sincerely,

Ross Moore
Director of Regulatory Affairs
Oklo Inc.

Enclosure: (1) Safety Analysis: Initiating Event Analysis
(2) Affidavit regarding request for withholding
(3) Feedback request for "Safety Analysis: Initiating Event Analysis"

CC: see next page



CC (with enclosures):

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