



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

April 25, 2023

Mr. Ross Moore
Director of Regulatory Affairs
Oklo Inc.
3190 Coronado Dr
Santa Clara, CA 95054

**SUBJECT: OKLO INC. - U.S. NUCLEAR REGULATORY COMMISSION FEEDBACK
REGARDING OKLO WHITE PAPER ON SAFETY ANALYSIS:
INITIATING EVENT ANALYSIS**

Dear Mr. Moore:

By letter dated December 22, 2022, (Agencywide Documents Access and Management System Accession No. ML22356A202), Oklo submitted for the U.S. Nuclear Regulatory Commission (NRC) staff's review, a white paper titled "Safety Analysis: Initiating Event Analysis" as an enclosure to this letter. This white paper describes Oklo's systematic search for initiating events for its advanced fission technologies. The NRC staff was asked to perform a review of this paper and provide written feedback. The enclosure to this letter provides the NRC staff's detailed observations for Oklo to consider.

The Enclosure to this letter contains proprietary information.
When separated from the enclosure this document is
DECONTROLLED.

R. Moore

2

If you have questions regarding this matter, please contact me at (301) 415-1322 or via email at Donna.Williams@nrc.gov.

Sincerely,



Signed by Proffitt, Joseph
on 04/25/23

Andrew Proffitt, Acting Chief
Advanced Reactor Licensing Branch 1
Division of Advanced Reactors and Non-Power
Production and Utilization Facilities
Office of Nuclear Reactor Regulation

Project No.: 99902095

Enclosure:
As stated

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3

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REGARDING OKLO WHITE PAPER ON SAFETY ANALYSIS: INITIATING
EVENTS ANALYSIS DATED APRIL 25, 2023

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ADAMS Accession Nos.:

Pkg: ML23090A000

Letter: ML23089A401

Enclosure: ML23093A149 (Proprietary)

NRR-106

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