



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

February 29, 2024

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

SUBJECT: OKLO INC. – U.S. NUCLEAR REGULATORY COMMISSION STAFF
FEEDBACK AND OBSERVATIONS REGARDING WHITE PAPER “APPROACH
TO SEISMIC DESIGN CATEGORIZATION AND SITE CHARACTERIZATION”
(EPID NO. L-2022-LRO-0048)

Dear Mr. Moore:

By letter November 3, 2023 (Agencywide Documents Access and Management System (ADAMS) Accession No.: ML23307A221), Oklo Inc. (Oklo) submitted a white paper (WP), “Approach to Seismic Design Categorization and Site Characterization,” for the U.S. Nuclear Regulatory Commission (NRC) staff’s review. This WP describes Oklo’s approach to seismic design categorization and site characterization that would be used to support deployment of Oklo’s Aurora powerhouse. As part of the WP submittal, Oklo also provided specific questions that it would like the NRC staff to address in its feedback.

On January 18, 2024 (ML24032A149) the NRC staff met with Oklo to discuss the NRC staff’s preliminary feedback and observations on the WP. The enclosure to this letter provides the NRC staff’s feedback and observations for Oklo to consider as part of any future licensing submittal that may address this topic.

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

R. Moore

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

Sincerely,



Signed by Jessup, William
on 02/29/24

William Jessup, 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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Package: ML24036A298

Letter: ML24036A305

Enclosure: ML24036A306

NRR-106

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