



November 3, 2023

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Oklo Inc.
Transmittal of White Paper Entitled, "Approach to Seismic Design Categorization and Site Characterization"

Oklo Inc. (Oklo) is submitting to the U.S. Nuclear Regulatory Commission (NRC) a white paper entitled, "Approach to Seismic Design Categorization and Site Characterization," as Enclosure 1 to this letter.

This white paper describes Oklo's approach to seismic design categorization and site characterization in support of deployment of Oklo's Aurora powerhouse. The white paper incorporates feedback during Oklo's discussion with the U.S. Nuclear Regulatory Commission staff in July of this year. Additionally, in Enclosure 2, Oklo has requested feedback on this white paper.

Oklo is prepared to support the NRC staff in reviewing this white paper. Oklo respectfully requests written feedback following the review and any follow-on discussion. Oklo requests that Enclosure 1 and Enclosure 2 be withheld in their entirety from public disclosure pursuant to Title 10 of the *Code of Federal Regulations* §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 ross@oklo.com or (650) 550-0127.

Sincerely,

A handwritten signature in black ink, appearing to read "Ross Moore".

Ross Moore,
Director of Regulatory Affairs
Oklo Inc.

Enclosures: (1) White Paper, "Approach to Seismic Design Categorization and Site Characterization"
(2) Feedback Request for "Approach to Seismic Design Categorization and Site Characterization" White Paper
(3) Affidavit regarding request for withholding for "Approach to Seismic Design Categorization and Site Characterization" White Paper and "Feedback Request for 'Approach to Seismic Design Categorization and Site Characterization' White Paper"

CC: see next page



CC (with enclosures):

Donna Williams, Senior Project Manager, Division of Advanced Reactors and Non-Power Production and Utilization Facilities (DANU), Office of Nuclear Reactor Regulation

William Jessup, Branch Chief, Division of Advanced Reactors and Non-Power Production and Utilization Facilities (DANU), Office of Nuclear Reactor Regulation