



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

April 22, 2026

Ross Moore  
Vice President of Regulatory and Oversight  
Oklo Inc.  
3190 Coronado Dr.  
Santa Clara, CA 95054

SUBJECT: OKLO INC. – FINAL SAFETY EVALUATION FOR TOPICAL REPORT OKLO-2025-RX-R012-P, “PRINCIPAL DESIGN CRITERIA FOR THE AURORA POWERHOUSE,” REVISION 1 (EPID NO. L-2025-TOP-0028)

Dear Ross Moore:

By letter dated August 6, 2025, Oklo Inc. (Oklo) submitted topical report (TR) Oklo-2025-RX-R012, “Principal Design Criteria for the Aurora Powerhouse,” Revision 0, for the U.S. Nuclear Regulatory Commission (NRC) staff (the staff) review (Agencywide Documents Access and Management System (ADAMS) Accession No. ML25220A124). The TR describes the result of Oklo’s process to develop principal design criteria (PDC) for the Oklo Aurora powerhouse facility, based on Regulatory Guide (RG) 1.232, “Guidance for Developing Principal Design Criteria for Non-Light Water Reactors,” Revision 0 (ML17325A611). On August 25, 2025, the NRC staff informed Oklo that the TR provided sufficient information for the NRC staff to conduct a detailed technical review (ML25232A123). On September 11, 2025, the NRC staff issued an audit plan to Oklo (ML25251A229) and subsequently conducted an audit of materials related to the TR from September 19, 2025, to March 16, 2026. The NRC staff issued the audit summary dated April 13, 2026 (ML26049A258). By letter dated March 5, 2026, Oklo submitted Revision 1 of the TR (ML26064A243) which reflects discussions held with the NRC staff regarding Revision 0 of the TR.

The enclosed final safety evaluation (SE) is being provided to Oklo, because the NRC staff found Oklo-2025-RX-R012-P, Revision 1, acceptable for referencing in licensing actions to the extent specified and under the limitations and conditions delineated in the SE. The final SE defines the basis for the NRC staff’s acceptance of the TR.

The NRC staff requests that Oklo publish an approved version of this TR within 3 months of receipt of this letter. The approved version should incorporate this letter and the enclosed SE after the title page. The approved version should include a “-A” (designating approved) following the TR identification symbol.

R. Moore

- 2 -

If you have any questions, please contact Katherine Wagner at (301) 415-6202 or via email at [Katie.Wagner@nrc.gov](mailto:Katie.Wagner@nrc.gov).

Sincerely,

*/RA/*

Joshua Borromeo, 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

cc: Oklo Aurora Powerhouse  
via GovDelivery

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