



October 31, 2023

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

Subject: Oklo Inc.  
Transmittal of White Paper Entitled, "Considerations for Including Principal Design Criteria in the Licensing Basis in 10 CFR Part 52"

This letter transmits a white paper (enclosure 1) developed by Oklo Inc. (Oklo) that describes Oklo's understanding of the relationship of the General Design Criteria (GDC) and principal design criteria (PDC) to a nuclear power plant's licensing basis, as informed by the regulatory history of the GDC. Oklo requests that the U.S. Nuclear Regulatory Commission staff take this information into consideration as they continue their discussions related to the incorporation of PDC into the licensing basis for advanced reactors. Additionally, in enclosure 2, Oklo has requested feedback on this white paper.

If you have any questions or need any additional information, please contact us at [ross@oklo.com](mailto: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.

Enclosure: (1) White Paper, "Considerations for Including Principal Design Criteria in the Licensing Basis in 10 CFR Part 52"  
(2) Feedback request for "Considerations for Including Principal Design Criteria in the Licensing Basis in 10 CFR Part 52" White Paper

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