



December 29, 2022

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
11555 Rockville Pike
Rockville, MD 20852-2738

Subject: Oklo Inc.
Oklo Inc. Licensing Project Plan: Fuel Recycling Technologies (Initial)

Together, with national laboratory and private partners, Oklo Inc. (Oklo) is working to address the issues of nuclear waste and fuel availability through several Department of Energy funded fuel recycling projects. These projects have a number of milestones and objectives that include regulatory engagement with the U.S. Nuclear Regulatory Commission (NRC). Through these partnerships and projects, as well as individually, Oklo is working towards the establishment of an NRC-licensed fuel recycling facility.

To enable the commercialization of fuel recycling and to continue pre-application engagement with NRC staff, Oklo is submitting to the NRC the initial Oklo Licensing Project Plan (LPP) for Fuel Recycling Technologies as Enclosure 2 to this letter. The LPP is introduced in Enclosure 2, as well as its intended use, to support planning and alignment with the NRC on reports, meetings, and other pre-application items. Specifically, the LPP is an initial proposal for Oklo engagements with the NRC leading up to the application submission for a fuel recycling facility.

Oklo believes that there is a pathway to licensing a commercial fuel recycling facility through the NRC's existing regulations and does not suggest a need for a rulemaking in this area. Oklo is already engaging with NRC staff on fuel recycling and is intending to use the existing regulations without delay. Furthermore, engagement related to existing regulations and on key issues is essential at the start of any licensing activity, and prior to any new rulemaking, while the experience may usefully serve any future rulemaking.

Oklo's submittal of an application for a fuel recycling facility would be the first in many years, therefore requiring alignment with NRC staff on approaches to complying with existing requirements. This LPP recognizes key areas of engagement for pre-application to provide alignment on those regulatory approaches, thereby enhancing regulatory predictability and allowing for an efficient license review schedule. The aspects of this plan are based on Oklo internal planning and will be updated to reflect feedback received from NRC staff. Oklo looks forward to working with the NRC on the pre-application and application engagements for this modern fuel recycling facility.



Oklo requests that the Enclosure 2, in its entirety, be withheld from public disclosure pursuant to 10 CFR §2.390, due to detailed confidential and proprietary business information and strategy. Also enclosed is Oklo's affidavit attesting to the proprietary nature of the information enclosed.

If you have any questions or need any additional information, please contact us at regulatory@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) Affidavit
 (2) Oklo Inc. Licensing Project Plan: Fuel Recycling Technologies

CC (with enclosure):

David Drucker, Senior Project Manager, Division of New and Renewed Licenses (DNRL), Office of Nuclear Reactor Regulation

Michael Dudek, Chief, Division of New and Renewed Licenses (DNRL), Office of Nuclear Reactor Regulation

Brian Smith, Director, Division of New and Renewed Licenses (DNRL)

Shana Helton, Director, Division of Fuel Management (DFM)