



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

February 9, 2024

MEMORANDUM TO: William Jessup, Chief  
Advanced Reactor Licensing Branch 1  
Division of Advanced Reactors and Non-power Production and  
Utilization Facilities  
Office of Nuclear Reactor Regulation

FROM: Donna Williams, Senior Project Manager /RA/  
Advanced Reactor Licensing Branch 1  
Division of Advanced Reactors and Non-power Production and  
Utilization Facilities  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE DECEMBER 12, 2023, CLOSED PUBLIC  
MEETING TO DISCUSS A FUTURE ITERATION OF THE OKLO  
ADVANCED REACTOR DESIGN (EPID L-2022-LRM-0042)

**Meeting Information:**

Applicant: Oklo, Inc. (Oklo)

Project No.: 99902095

Public Meeting Notice Agencywide Documents Access and Management System (ADAMS)  
Accession No.: ML23334A101

Applicant Presentation Slides: ML24023A289

Meeting Attendees: See Enclosure 1 for a list of meeting attendees.

CONTACT: Donna Williams, NRR/DANU/UAL1  
301-415-1322

**Meeting Summary:**

The U.S. Nuclear Regulatory Commission (NRC) staff conducted the meeting in accordance with NRC Management Directive 3.5, "Attendance at NRC Staff-Sponsored Meetings" (ML21180A271). Highlights from the meeting included the following:

- The goals of this meeting were to discuss potential design updates to provide early insights to the NRC staff regarding future design iterations. The NRC staff and Oklo discussed the licensing and technical considerations that would need to be addressed for the revised design.
- The NRC staff recommended several topics for Oklo to consider as part of future pre-application engagement on its reactor design iterations.
- Oklo plans to submit a licensing project plan in 2024 that describes proposed pre-application interactions for this future design iteration.

No regulatory decisions were made as a result of this meeting.

Enclosures:

1. List of Attendees
2. Meeting Notes (proprietary)

Cc: Oklo Powerhouse via GovDelivery w/o Enclosure 2

Enclosure 2 to this letter contains proprietary information. When separated from the enclosures, this letter is DECONTROLLED.

SUBJECT: SUMMARY OF THE DECEMBER 12, 2023, CLOSED PUBLIC MEETING TO DISCUSS A FUTURE ITERATION OF THE OKLO ADVANCED REACTOR DESIGN (EPID L-2022-LRM-0042)  
DATED: FEBRUARY 9, 2024

**DISTRIBUTION:**

- RidsNrrDanuUal1 Resource
- RidsNrrDanu Resource
- MShams, NRR
- WJessup NRR
- Cde Messieres, NRR
- RAnzalone, NRR
- ASiwy, NRR
- RAnzalone, NRR
- JSchaperow, NRR
- DAtkinson, NRR
- MGhazali, NRR

**ADAMS Accession Nos.: ML24064A222 (Package)**  
**ML24064A227 (Cover Letter and Enclosure**  
**1) ML24064A223 (Enclosure 2)**

|               |                   |                   |                   |
|---------------|-------------------|-------------------|-------------------|
| <b>OFFICE</b> | NRR/DANU/UAL1: PM | NRR/DANU/UAL1: BC | NRR/DANU/UAL1: PM |
| <b>NAME</b>   | DWilliams         | WJessup           | DWilliams         |
| <b>DATE</b>   | 01/22/24          | 2/7/24            | 2/9/24            |

**OFFICIAL RECORD COPY**

**List of Meeting Attendees**

**SUMMARY OF THE DECEMBER 12, 2023, CLOSED PUBLIC MEETING TO DISCUSS A  
FUTURE ITERATION OF THE OKLO ADVANCED REACTOR DESIGN  
(EPID L-2022-LRM-0042)**

**December 12, 2023**

| <b>Name</b>          | <b>Organization</b>                      |
|----------------------|--|
| Donna Williams       | U.S. Nuclear Regulatory Commission (NRC) |
| Jason Schaperow      | NRC                                      |
| Michelle Hart        | NRC                                      |
| Candace de Messieres | NRC                                      |
| Reed Anzalone        | NRC                                      |
| Alex Siwy            | NRC                                      |
| Hanh Phan            | NRC                                      |
| Benjamin Parks       | NRC                                      |
| Inseok Baek          | NRC                                      |
| Mohsin Ghazali       | NRC                                      |
| Trace Orf            | Oklo, Inc. (Oklo)                        |
| Ross Moore           | Oklo                                     |
| Pat Everett          | Oklo                                     |
| Liz Porter           | Oklo                                     |
| Alex Renner          | Oklo                                     |
| Brian Kloiber        | Oklo                                     |
| Scott Auerbach       | Oklo                                     |
| Tyrell Arment        | Oklo                                     |
| Carmen Tiolis        | Oklo                                     |