



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

June 25, 2024

MEMORANDUM TO: Joshua Borrromeo, 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 JANUARY 17, 2024, CLOSED MEETING TO  
DISCUSS PHYSICAL SECURITY FOR THE OKLO DESIGN  
(EPID L-2022-LRM-0042)

**Meeting Information:**

Applicant: Oklo, Inc.

Project No.: 99902095

Meeting Title: Meeting with Oklo to discuss physical security for its advanced reactor design.

Public Meeting Notice Agencywide Documents Access and Management System (ADAMS)  
Accession No.: ML24005A289

Applicant Presentation Slides ADAMS Accession No.: ML24026A049

**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).

The purpose of the January 17 meeting was for Oklo to provide an example of the physical security layout for the Aurora powerhouse to demonstrate the level of protection required, describe credible threats, and describe proposed alternative measures.

Oklo described the features of the Aurora powerhouse that provide security by design. The staff discussed the options that have been proposed in the Part 53 draft rulemaking, and the proposed limited scope rulemaking "Alternative Physical Security Requirements for Advanced Reactors", as well as guidance documents that may be applicable.

J. Borromeo

The NRC staff and Oklo agreed that it would be beneficial to hold additional focused meetings regarding the design basis threat, target set identification, and proposed physical security alternatives under 10 CFR 73.55(r).

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

Enclosures:

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

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

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

J. Borromeo

SUBJECT: SUMMARY OF THE JANUARY 17, 2024, CLOSED MEETING TO DISCUSS  
PHYSICAL SECURITY FOR THE OKLO DESIGN

**DISTRIBUTION:**

RidsNrrDanuUal1 Resource

RidsNrrDanu Resource

MShams, NRR

WJessup NRR

Cde Messieres, NRR

ASiwy, NRR

ABowers, NSIR

DHostetter, NSIR

LCubellis, NSIR

JBorromeo, NRR

cc: without enclosure 2: Oklo Powerhouse via GovDelivery

**ADAMS Accession No.: ML package**

**NRR-106**

<b>OFFICE</b>	NRR/DANU/UAL1: PM	NSIR: BC	NRR/DANU/UAL1: BC
<b>NAME</b>	DWilliams	ABowers	WJessup
<b>DATE</b>	1/30/24	2/15/24	4/19/24

**OFFICIAL RECORD COPY**

J. Borromeo

**List of Meeting Attendees**

**Closed Pre-Application Meeting with Oklo, Inc. to Discuss Physical Security**

**January 17, 2024**

Name	Organization
Donna Williams	U.S. Nuclear Regulatory Commission (NRC)
Tony Bowers	NRC
Dave Hostetter	NRC
Lou Cubellis	NRC
Alex Siwy	NRC
Ross Moore	Oklo
Alex Renner	Oklo
Brian Kloiber	Oklo