



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

July 19, 2023

MEMORANDUM TO: Joseph A. Proffitt, Acting 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 MARCH 29, 2023, MEETING TO DISCUSS
SECURITY, PRINCIPAL DESIGN CRITERIA, AND SOURCE TERM
FOR THE OKLO DESIGN

Meeting Information:

Applicant: Oklo, Inc.

Project No.: 99902095

Meeting Title: Meeting to discuss security, principal design criteria and source term for the Oklo design

Meeting Date: March 29, 2023

Meeting Type: Closed

Public Meeting Notice Agencywide Documents Access and Management System Accession No.: [ML23079A262](#)

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

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 staff discussed with Oklo its planned approach to security, principal design criteria and source term analysis for its advanced reactors.

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J. Proffitt

In the open portion of the meeting, Oklo presented an overview of the topics to be discussed (ADAMS accession no. ML23087A284). Oklo described its approach to security, principal design criteria, and the source term analysis. The goal of this meeting was to obtain feedback from the staff on additional considerations for these topics that may arise during future application reviews.

Enclosures:

1. List of Attendees
2. Meeting overview (proprietary)
3. Slides – Security
4. Slides – Principal Design Criteria
5. Slides – Source Term

Enclosures 2-5 to this letter contain Proprietary Information. When separated from the Enclosures, this letter is DECONTROLLED.

J. Proffitt

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PRINCIPAL DESIGN CRITERIA, AND SOURCE TERM FOR THE OKLO DESIGN

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ADAMS Accession No.: ML23171B120

NRC-001

OFFICE	DANU/UAL1: PM	DANU/UAL1: BC
NAME	DWilliams	JProffitt
DATE	7/12/2023	7/19/2023

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U.S. NUCLEAR REGULATORY COMMISSION

**March 29, 2023, CLOSED MEETING TO DISCUSS SECURITY, PRINCIPAL DESIGN
CRITERIA, AND SOURCE TERM FOR THE OKLO DESIGN**

MEETING ATTENDEES

Name	Organization
Donna Williams	U.S. Nuclear Regulatory Commission (NRC)
Reed Anzalone	NRC
Jason Schaperow	NRC
William Jessup	NRC
Michelle Hart	NRC
Alex Siwy	NRC
Hanh Phan	NRC
Candace de Messieres	NRC
Ismael Garcia	NRC
Brian Yip	NRC
Mike Brown	NRC
Niry Simonian	NRC
Tim Harris	NRC
Amanda Marshall	NRC
Beth Reed	NRC
Todd Keene	NRC
Duane White	NRC
Trace Orf	Oklo
Ross Moore	Oklo
Brian Klober	Oklo
Tyrell Arment	Oklo
Alex Renner	Oklo
Neil Libner	Oklo
Patrick Everett	Oklo
Caroline Cochran	Oklo
John Hanson	Oklo