



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

June 26, 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: Stephanie Devlin-Gill, 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 APRIL 12, 2023, CLOSED MEETING
WITH ARC CLEAN TECHNOLOGY (EPID
L-2023-LRM-0022)

Meeting Information:

Applicant: ARC Clean Technology (ARC)

Project No.: 99902103

Meeting Title: Meeting with ARC Clean Technology

Meeting Date: April 12, 2023

Meeting Type: Closed

Public Meeting Notice Agencywide Documents Access and Management System (ADAMS)
Accession No.: ML23060A025

Applicant Presentation Slides ADAMS Accession No.: ML23095A370 (Public) and
ML23094A283 (Non-Public)

Meeting Attendees: See the enclosure for a list of meeting attendees.

CONTACT: Stephanie Devlin-Gill, NRR/DANU
301-415-5301

J. Proffitt

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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 ARC its conceptual design for the ARC-100 sodium-cooled fast reactor.

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

Project No. 99902103

Enclosures:

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

Cc: ARC Clean Technology ARC-100
via GovDelivery

Enclosure 2 to this letter contain Proprietary Information. When separated from Enclosure 2, this letter is DECONTROLLED.

OFFICE USE ONLY – PROPRIETARY INFORMATION

J. Proffitt

SUBJECT: SUMMARY OF THE APRIL 12, 2023, CLOSED MEETING WITH ARC
CLEAN TECHNOLOGY (EPID L-2023-LRM-0022) DATED: June 26, 2023

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RAnzalone, NRR

RBass, NRR

ACHereskin, NRR

MHart, NRR

AKeim, NRR

GOberson, NRR

DWilliams, NRR

ADAMS Accession Nos.:

ML23172A247 (Package)

ML23060A025 (Meeting Notice)

ML23172A249 (Meeting Summary and Enclosure 1)

ML23172A250 (Meeting Summary Enclosure 2)

OFFICE	NRR/DANU/UAL1/PM	NRR/DANU/UAL1/ABC	NRR/DANU/UAL1/PM	
NAME	SDevlin-Gill	JProffitt	SDevlin-Gill	
DATE	06/21/2023	06/26/2023	06/26/2023	

OFFICIAL RECORD COPY

LIST OF MEETING ATTENDEES

MEETING WITH ARC CLEAN TECHNOLOGY

APRIL 12, 2023

Name	Organization
Anzalone, Reed	U.S. Nuclear Regulatory Commission (NRC)
Bass, Ryann	NRC
Chereskin, Alexander	NRC
de Messieres, Candace	NRC
Devlin-Gill, Stephanie	NRC
Hart, Michelle	NRC
Keim, Andrea	NRC
Proffitt, Andrew	NRC
Williams, Donna	NRC
Ali, Irfan	ARC Clean Technology (ARC)
Burski, Raymond	ARC
Chiavaro, Robert	ARC
Iotti, Robert	ARC
Marschke, Steve	ARC
Patel, Dave	ARC
Pehush, William	ARC
Grandy, Christopher	Argonne National Laboratory (ANL)
Kim, Taek	ANL
Stauff, Nicolas	ANL
Moisseytsev, Anton	ANL
Sumner, Tyler	ANL
Tentner, Adrian	ANL
Medvedev, Pavel	Idaho National Laboratory (INL)
Smith, Curtis	INL
Vedros, Kurt	INL
Fleming, Darryn	Sandia National Laboratories (Sandia)
Rapp, Logan Madacey	Sandia
Chavez, Joshua	Sandia
Choi, Han Kwon	United Engineers & Constructors Inc. (UECI)
Kinsel, Calvin	UECI
Raleigh, James	UECI
Swiker, Evan	UECI