



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

September 13, 2022

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: Lucieann Vechioli Feliciano, Project Manager

Lucieann Vechioli Feliciano

Signed by Vechioli, Lucieann
on 09/13/22

Advanced Reactor Licensing Branch 1
Division of Advanced Reactors and Non-Power
Production and Utilization Facilities
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF NOVEMBER 8, 2021, CLOSED MEETING
REGARDING X ENERGY LLC: QUALITY ASSURANCE
PROGRAM DESCRIPTION

On November 8, 2021, the U.S. Nuclear Regulatory Commission (NRC) staff held a closed meeting with representatives from X Energy LLC (X-energy) regarding their Quality Assurance Program Description. The public meeting notice and agenda are available in Agencywide Documents Access and Management System (ADAMS) at Accession No. ML21305B618. The enclosure to this summary provides the list of meeting attendees.

Meeting Summary

X-energy requested this meeting to provide an update regarding their ongoing quality assurance program activities. On September 4, 2020, the NRC staff issued a safety evaluation (ML20233A910) to X-energy's previous Quality Assurance Program Description (XEQAPD) topical report (ML20220A413). By letter dated December 4, 2020, X-Energy submitted an approved version ("-A") of the XEQAPD Revision 3-NP-A, "Quality Assurance Program Description (QAPD) for Design Certification of the Xe-100 Reactor" (ML20343A088).

The meeting included a discussion regarding X-energy's proposed quality assurance approach and clarifications with respect to Title 10 *Code of Federal Regulations* Part 21 applicability.

CONTACT: Lucieann Vechioli, NRR/DANU
301-415-6035

In accordance with Management Directive 3.5, "Attendance at NRC Staff-Sponsored Meetings" ([ML21180A271](#)), the meeting was closed because the discussion involved proprietary and pre-decisional details related to the X-energy licensing strategy.

Project No.: 99902071

Enclosure:
List of Attendees

SUBJECT: SUMMARY OF NOVEMBER 8, 2021, CLOSED MEETING REGARDING X
ENERGY LLC: QUALITY ASSURANCE PROGRAM DESCRIPTION
DATED: SEPTEMBER 13, 2022

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KKavanaugh, NRR

LVechioli Feliciano, NRR

DGreene, NRR

CSmith, NRR

YDiaz-Castillo, NRR

GGalletti, NRR

ADAMS Accession No.: ML22217A158**NRC-001**

OFFICE	NRR/DANU/UAL1/PM	NRR/DANU/UAL1/LA	NRR/DANU/UAL1/BC
NAME	LVechioli	DGreene	WJessup
DATE	8/22/2022	8/24/2022	9/13/2022
OFFICE	NRR/DANU/UAL1/PM		
NAME	LVechioli		
DATE	9/13/2022		

OFFICIAL RECORD COPY

List of Attendees

CLOSED MEETING REGARDING X ENERGY LLC: XE-100 TOPICAL REPORT” TRANSIENT
AND SAFETY ANALYSIS METHODOLOGY FRAMEWORK
NOVEMBER 8, 2021

Name	Organization
Lucieann Vechioli-Feliciano	U.S. Nuclear Regulatory Commission (NRC)
Yamir Diaz-Castillo	NRC
Kerri Kavanaugh	NRC
Greg Galletti	NRC
Paul Prescott	NRC
Ingrid Nordby	X Energy, LLC
Travis Chapman	X Energy, LLC
Theo Odendaal	X Energy, LLC
Aixa Belen	X Energy, LLC

Enclosure