



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

August 12, 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

*Lucieann Vechioli Feliciano*

Signed by Vechioli, Lucieann  
on 08/12/22

FROM: Lucieann Vechioli Feliciano, Project Manager  
Advanced Reactor Licensing Branch 1  
Division of Advanced Reactors and Non-Power  
Production and Utilization Facilities  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF OCTOBER 20, 2021, CLOSED MEETING  
REGARDING X ENERGY LLC: XE-100 WHITE PAPER -  
LICENSING APPLICATION CONTENT AND REGULATORY  
ANALYSIS

On October 20, 2021, the U.S. Nuclear Regulatory Commission (NRC) staff held a closed meeting with representatives from X Energy LLC (X-energy) regarding the Xe-100 White Paper: Licensing Application Content and Regulatory Analysis Agencywide Documents Access and Management System (ADAMS) Accession No. ML21221A040. The public meeting notice and agenda are available at ML21279A153. The Enclosure provides the list of meeting attendees.

Meeting Summary

The purpose of this meeting was to provide an opportunity for an open discussion and clarification as needed regarding the NRC staff feedback for X-energy subject white paper ML21271A629.

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

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

SUBJECT: SUMMARY OF OCTOBER 20, 2021, CLOSED MEETING REGARDING X  
ENERGY LLC: XE-100 WHITE PAPER - LICENSING APPLICATION CONTENT  
AND REGULATORY ANALYSIS DATED: AUGUST 12, 2022

**DISTRIBUTION:**

PUBLIC

RidsNrrDanu Resource

RidsNrrDanuUal1 Resource

WJessup, NRR

MHayes, NRR

LVechioli Feliciano, NRR

DGreene, NRR

IJung ,NRR

ASiwy, NRR

WKennedy, NRR

MOrenak, NRR

**ADAMS Accession No.: ML22217A159****NRC-001**

<b>OFFICE</b>	NRR/DANU/UAL1/PM	NRR/DANU/UAL1/LA	NRR/DANU/UAL1/BC	NRR/DANU/UAL1/PM
<b>NAME</b>	LVechioli	DGreene	WJessup	LVechioli
<b>DATE</b>	8/11/2022	8/12/2022	8/12/2022	8/12/2022

**OFFICIAL RECORD COPY**

**List of Attendees**

**CLOSED MEETING REGARDING X ENERGY LLC: XE-100 WHITE PAPER - LICENSING  
APPLICATION CONTENT AND REGULATORY ANALYSIS MEETING ATTENDEES**

**Wednesday, October 20, 2021**

<b>Name</b>	<b>Organization</b>
Lucieann Vechioli-Feliciano	U.S. Nuclear Regulatory Commission (NRC)
Ian Jung	NRC
Alexandra Siwy	NRC
William Kennedy	NRC
Michael Orenak	NRC
Ingrid Nordby	X Energy, LLC
Travis Chapman	X Energy, LLC
Paul Loza	X Energy, LLC
Eddie Grant	X Energy, LLC

Enclosure