

3 March 2026

2026-XE-NRC-003

Project No. 99902071

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Submittal of X Energy, LLC (X-energy), Xe-100 U.S. Regulatory Engagement Plan (REP) 2026

The purpose of this letter is to submit the U.S. Regulatory Engagement Plan (REP) 2026 for the Xe-100 reactor technology to the U.S. Nuclear Regulatory Commission (NRC) on behalf of X Energy, LLC ("Xenergy"). This submission describes the regulatory engagements and submittals X-energy proposes to commence or continue in 2026 under docket 99902071. This submittal supersedes previous Xe-100 REP submittals. It is provided for NRC review and planning purposes.

The REP for the U.S. market has been developed utilizing the guidance in Nuclear Energy Institute (NEI) 18-06, Rev. 0, Technical Report, "Guidelines for Development of a Regulatory Engagement Plan." The intent of the REP is to reduce regulatory uncertainty by establishing clear and timely expectations on deliverables, schedules, and resources. X-energy recognizes that the REP is a tool to help minimize programmatic risk leading up to the submittal of an Operating License Application. In addition, the REP is also a formal communication mechanism to aid the NRC staff in resource and schedule planning in conjunction with Regulatory Issue Summary (RIS) responses and letters of intent. This REP is provided for NRC review and planning purposes.

The REP contains business sensitive information related to proposed scheduled activities. We request that portions of the REP be withheld from public disclosure in accordance with 10 CFR 2.390, "Public inspections, exemptions, request for withholding," paragraph (a)(4). An affidavit providing the basis for this request is provided in Enclosure 1. Enclosure 2 is the public version of the REP. Enclosure 3 is the non-public version of the REP which contains non-redacted business sensitive information.

This letter contains no commitments. If you have any questions or require additional information, please contact Suad Razzak at srazzak@x-energy.com.

Sincerely,



A. Matthew Thomas
Manager, Licensing
X Energy, LLC



Enclosures:

- 1) Affidavit Supporting Request for Withholding from Public Disclosure (10 CFR 2.390)
- 2) Xe-100 U.S. Regulatory Engagement Plan (REP) 2026 – Non-Proprietary (Public)
- 3) Xe-100 U.S. Regulatory Engagement Plan (REP) 2026 – Proprietary (Non-Public)

cc:

X-energy, LLC

David Bannister
Dragan Popovic
Steve Miller
Robert Taylor
Stephen Vaughn
Matthew Thomas
Jessica Maddocks
Suad Razzak

U.S. Nuclear Regulatory Commission

Alissa Neuhausen
Adrian Muñoz
Ondra Dukes
Denise McGovern
Richard Rivera

U.S. Department of Energy

Tim Beville
David Yarwood

