

Docket No.: 99902118

XE-2026-001

June 1, 2026

U.S. Nuclear Regulatory Commission
Document Control Desk
11555 Rockville Pike
Rockville, MD 20852

Re: Submittal of X-energy, LLC, XENITH™ Microreactor Pre-Application Regulatory Engagement Plan, Revision 3

The purpose of this letter is to submit the 2026 U.S. Regulatory Engagement Plan (REP) for the XENITH reactor technology to the U.S. Nuclear Regulatory Commission (NRC) on behalf of X Energy, LLC (X-energy). The REP describes the regulatory engagements and submittals X-energy proposes to commence or continue in 2026 under docket 99902118. This submittal supersedes previous XENITH 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 a formal communication mechanism to aid the NRC staff in resource and schedule planning in conjunction with Regulatory Issue Summary 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 3 is the non-public version of the REP which contains unredacted business sensitive information. Enclosure 2 is the public version of the REP.

This letter contains no regulatory commitments. Should you have any questions or require additional information, please contact John Kennedy, Director of Emerging Technologies, at jkennedy@x-energy.com; or Jessica Hammock, Licensing Engineer, at jhammock@x-energy.com.

Sincerely,



Michael I. Dudek
Licensing Manager, Regulatory Affairs
X-energy, LLC



Enclosures:

- (1) Affidavit
- (2) XENITH Regulatory Engagement Plan Rev 3, Public
- (3) XENITH Regulatory Engagement Plan, Rev 3, Non-Public

Cc:

X-energy, LLC

Hans Gouger

John Kennedy

Robert Taylor

Jessica Hammock

U.S. Nuclear Regulatory Commission

Alissa Neuhausen

Michelle Vega Rodriguez

Steven Philpott

