

**From:** [Zackary Stone \(He/Him/His\)](#)  
**To:** [Maggie Staiger](#)  
**Cc:** [Adrian Muniz](#); [jmaddock@x-energy.com](mailto:jmaddock@x-energy.com)  
**Subject:** X Energy, LLC - Acceptance of Requested Licensing Action Re: Atmospheric Dispersion and Dose Calculation Methodology Topical Report  
**Date:** Monday, July 24, 2023 11:05:00 AM

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Dear Maggie Staiger,

By letter dated May 26, 2023 (Agencywide Documents and Access and Management System Accession No. ML23146A189), X Energy, LLC (X-energy) submitted its atmospheric dispersion and dose calculation methodology topical report to the U.S. Nuclear Regulatory Commission (NRC) staff for review. The purpose of this e-mail is to provide the results of the NRC staff's acceptance review of this topical report.

The NRC staff has performed an acceptance review of the subject topical report and determined that the material presented is sufficient to begin our review. The NRC staff plans to issue its draft safety evaluation by May 20, 2024. If needed, the NRC staff will issue a request for additional information by November 13, 2023, with a request for X-energy to provide a response within 30 days. The NRC staff estimates that 580 staff hours will be needed to complete the technical review and issue the safety evaluation.

The NRC staff notes that the proprietary withholding request is still under review and the NRC staff will provide X-energy the withholding determination in a separate correspondence once completed.

If you have any questions, please contact me at 301-415-0615 or via e-mail at [Zackary.Stone@nrc.gov](mailto:Zackary.Stone@nrc.gov).

Sincerely,

Zackary Stone, Project Manager  
Advanced Reactor Licensing Branch 2  
Division of Advanced Reactors and Non-Power  
Production and Utilization Facilities  
Office of Nuclear Reactor Regulation