

**From:** [Lucieann Vechioli Feliciano](#)  
**To:** [Ingrid Nordby](#); [Travis Chapman](#)  
**Subject:** X Energy LLC: - Completeness Determination for X-energy's Quality Assurance Program Description Topical Report rev4  
**Date:** Tuesday, September 27, 2022 10:50:00 AM  
**Attachments:** [NRC Form 898 signed Completeness Determination for X-energy QAPD TR.pdf](#)

---

Mr. Chapman,

Attached is the U.S. Nuclear Regulatory Commission (NRC) staff completeness determination for X-energy's Quality Assurance Program Description Topical Report (XEQAPD 1.0). Based on a preliminary review of the report, the NRC staff determined that it provides sufficient information for beginning a detailed technical review. As discussed on September 13, 2022, with Ingrid Nordby, the NRC staff plans to issue the Draft Safety Evaluation by July 21, 2023, and the Final Safety Evaluation by September 19, 2023. If necessary, the NRC staff will issue requests for additional information (RAIs) by February 15, 2023. The NRC staff estimates a level of effort of 220 hours will be needed to complete the technical review and issue the Final Safety Evaluation. The schedule and level of effort could change due to several factors such as the need for additional rounds of RAIs, unanticipated changes to the scope of the review, vendor delays, unsolicited supplements to the topical report, unexpected ACRS involvement, etc. The NRC staff will communicate, any changes to the review schedule or estimated NRC staff hours, including the reason(s) for the changes.

If you have questions, please free to contact me at 301-415-6035 or by email at [Lucieann.VechioliFeliciano@nrc.gov](mailto:Lucieann.VechioliFeliciano@nrc.gov)

Docket No. 99902071  
EPID: L-2022-TOP-0035  
Regards,

**Lucieann Vechioli Feliciano**

*Pronouns: She, Her, Hers*

Project Manager

**U.S. Nuclear Regulatory Commission**

NRR/DANU/UARL1

Phone: (301) 415-6035

Location: OWF 02-H22

Mail Stop: O-12D20

Email: [Lucieann.Vechioli@nrc.gov](mailto:Lucieann.Vechioli@nrc.gov)

 Please consider the environment before printing this e-mail