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3-August-2021

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Project No. 99902071

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

**Subject: Release of the Xe-100 Reactor Pressure Vessel Construction Code Joint Review Report**


The purpose of this letter is to report X Energy, LLC (X-energy) review of the subject joint report. On July 13, 2020 X-energy submitted to the U.S. Nuclear Regulatory Commission (NRC) staff a white paper titled "Reactor Pressure Vessel Construction Code Assessment," Revision 1 for review. This white paper was also submitted to the Canadian Nuclear Safety Commission (CNSC) as part of the Phase 2+ Vendor Design Review (VDR) process for the Xe-100 reactor design. X-energy subsequently requested consideration by both regulators to conduct a joint review activity under the auspices of the August 15, 2019 joint memorandum of cooperation between the U.S. and Canada.

On June 9, 2021 a draft version of the subject joint report was shared with the X-energy team and a closed meeting was held June 15, 2021 to discuss the report contents and observations. A final version of the report was provided on June 30, 2021. X-energy has completed the review for proprietary and export-controlled information of the final joint report and recommends the report be made available publicly and fully released.

X-energy will continue to engage with our respective project teams at the CNSC and NRC regarding the specific observations and conclusions in the subject report. We appreciate the opportunity to support both agencies in the exercise of a joint review activity for an advanced reactor design and sharing our mutual lessons learned from the review.

If you have any questions or require additional information, please contact Travis Chapman at [tchapman@x-energy.com](mailto:tchapman@x-energy.com).

Sincerely,

DocuSigned by:  
  
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Dr. Martin van Staden  
Vice President, Xe-100 Program Manager  
X Energy, LLC



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