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2024-PLM-NRC-010

Project No. 99902117

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001**Submittal of Project Long Mott Presentation Materials - Civil and Structural Analysis Methodology (Process for Developing Risk-Informed Performance-Based Structural Design Criteria)**

This letter provides the X Energy, LLC (X-energy) presentation material on behalf of Project Long Mott for the upcoming “Civil and Structural Analysis Methodology (Process for Developing Risk-Informed Performance-Based Structural Design Criteria)” U.S. Nuclear Regulatory Commission pre-application engagement meeting (Enclosure 2), scheduled for July 15, 2024. The presentation material contains proprietary information; as such, it is requested that Enclosure 2 be withheld from public disclosure per 10 CFR 2.390, “Public inspections, exemptions, requests for withholding.” Redacted information is identified using [[]]. An affidavit certifying the basis for the request to withhold Enclosure 2 from public disclosure is included as Enclosure 1.

This letter and enclosures make no new or revised regulatory commitments.

Should you have any questions regarding this presentation, please contact Jessica Maddocks at jmaddocks@x-energy.com.

Sincerely,



Stephen Vaughn
Program Manager, Xe-100 Licensing
X Energy, LLC

Enclosures:

- 1) Affidavit Supporting Request for Withholding from Public Disclosure (10 CFR 2.390)
- 2) Presentation Materials - “Civil and Structural Analysis Methodology (Process for Developing Risk-Informed Performance-Based Structural Design Criteria)” – Proprietary (Non-Public)



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