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Project No. 99902071

2023-XE-NRC-041

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

Presentation Materials – Xe-100 Graphite Engagement: ASME Service Level Definition, LBE Mapping, and Design Loadings for Graphite Core Assembly

This letter provides the X Energy, LLC (X-energy) presentation material for the 9 November 2023 “Xe-100 Graphite Engagement: ASME Service Level Definition, LBE Mapping, and Design Loadings for Graphite Core Assembly” U.S. Nuclear Regulatory Commission pre-application engagement meeting (Enclosures 2 and 3). The presentation material contains proprietary information; as such, it is requested that Enclosure 3 be withheld from public disclosure per 10 CFR 2.390, “Public inspections, exemptions, requests for withholding.” Redacted information is identified using [[]]^P. An affidavit certifying the basis for the request to withhold Enclosure 3 from public disclosure is included as Enclosure 1. Proprietary information has been omitted from the presentation materials provided in Enclosure 2 that should be made publicly available.

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

Should you have any questions regarding this presentation, please contact Jon Facemire at jfacemire@x-energy.com.

Sincerely,

A handwritten signature in black ink that reads 'Jon Facemire'.

Jonathen Facemire
Licensing Manager
X Energy, LLC

Enclosures:

- 1) Affidavit Supporting Request for Withholding from Public Disclosure (10 CFR 2.390)
- 2) “Xe-100 Graphite Engagement: ASME Service Level Definition, LBE Mapping, and Design Loadings for Graphite Core Assembly Presentation Material – Open Meeting – Non-Proprietary (Public)
- 3) “Xe-100 Graphite Engagement: ASME Service Level Definition, LBE Mapping, and Design Loadings for Graphite Core Assembly Presentation Material – Closed Meeting – Proprietary (Non-Public)



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