

**Enclosure 1: Affidavit Supporting Request for Withholding from Public Disclosure (10 CFR 2.390)**

I, Stephen Vaughn, Director, Licensing, of X Energy, LLC (X-energy) do hereby affirm and state:

1. I am authorized to execute this affidavit on behalf of X-energy and Project Long Mott (the “Project”). I am further authorized to review information submitted to or discussed with the U.S. Nuclear Regulatory Commission (NRC) and apply for the withholding of information from disclosure. The purpose of this affidavit is to provide the information required by 10 CFR 2.390(b) in support of X-energy and the project’s request for proprietary treatment of certain commercial information submitted in Enclosure 3 to X-energy’s letter 2025-PLM-NRC-004 from myself to the NRC which provides “Project Long Mott Regulatory Engagements 2025” regulatory engagement plan.
2. I have knowledge of the criteria used by X-energy and the Project in designating information as sensitive, proprietary, and confidential.
3. Pursuant to the provision of paragraph (b)(4) of 10 CFR 2.390, the following is furnished for consideration by the NRC in determining whether the information sought to be withheld from public disclosure should be withheld.
  - a. The information sought to be withheld from public disclosure in Enclosure 3 is owned by X-energy and the Project. This information was prepared with the explicit understanding that the information itself would be treated as proprietary and confidential and has been held in confidence by X-energy and other Project participants.
  - b. The information sought to be protected in Enclosure 3 is not available to the public.
  - c. The information contained in Enclosure 3 is of the type that is customarily held in confidence by X-energy and the Project, and there is a rational basis for doing so. The information X-energy is requesting to be withheld from public disclosure includes Project development and schedule-related information related to Project stakeholder’s planning and commercialization efforts, including certain details that may be Predecisional in nature. X-energy limits access to this proprietary and confidential information in order to maintain confidentiality.
  - d. The Proprietary Information contained in Enclosure 3 is transmitted to the NRC in confidence and under the provisions of 10 CFR 2.390; it is to be received in confidence by the NRC. The information is properly marked using [[ ]]<sup>P</sup>.



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I declare under the penalty of perjury that the foregoing is true and correct. Executed on this 24<sup>th</sup> day of March 2025.

Sincerely,

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Stephen Vaughn  
Director, Licensing  
X Energy, LLC