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22-September-2023

XE00-GL-GL-GL-GL-GL-L-008555
2023-XE-NRC-034

10 CFR 2.101

Mr. Michael Wentzel
Chief, Advanced Reactor Licensing Branch (UAL2)
U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Subject: Project-specific Docket Request for Project Long Mott in Support of Dow and X-energy's Advanced Reactor Demonstration Program Applications

References:

(1) Letter from X Energy, LLC (X-energy), to U.S. Nuclear Regulatory Commission (NRC) dated May 17, 2023, "The Dow Chemical Company (Dow) and X Energy, LLC (X-energy) Letter of Intent to Submit a Construction Permit Application" (2023-XE-NRC-017) (ML23138A328)

(2) Letter from X Energy, LLC (X-energy), to U.S. Nuclear Regulatory Commission (NRC) dated July 14, 2023, "Request for Preapplication Readiness Assessment of the Draft Preliminary Safety Analysis Report for Dow and X-energy's Advanced Reactor Demonstration Program Construction Permit Application" (2023-XE-NRC-021) (ML23195A107)

Dear Mr. Wentzel:

The Dow Chemical Company (Dow) and X Energy Reactor Company, LLC (X-energy) respectfully request the U.S. Nuclear Regulatory Commission (NRC) staff open a new project-specific docket to support the site-specific Advanced Reactor Demonstration Program (ARDP) project licensing submissions. A project company is currently being formed that will apply for the Construction Permit in 2024. X-energy will manage the project docket and associated licensing activities on behalf of the project company. The project-specific information below provides the necessary data to establish the new docket:

Project Name: Project Long Mott

Company Name: X Energy, LLC

Company Address: 530 Gaither Rd. Rockville, MD 20852

Company's Billing Contact Info (Name, Phone, Email):

Travis Chapman, 240-495-0651, tchapman@x-energy.com

In addition to the new project-specific docket, we respectfully request three new enterprise project identifiers (EPIDs) to support specific pre-submittal engagements prior to submitting the project's Construction Permit application. The suggested titles are below:

- Project Long Mott Environmental Preapplication Engagements
- Project Long Mott Construction Permit Application Preapplication Engagements
- Project Long Mott Construction Permit Application Preapplication Readiness Assessment (LIC-116)

After the new docket for Project Long Mott is established, we will continue coordinating with staff to create additional EPIDs to support future licensing activities. This letter contains no commitments. If you have any questions or require additional information, please contact Steve Vaughn, Project Long Mott Licensing Manager, at svaughn@x-energy.com.

Sincerely,



Travis Chapman
Director, Reactor Licensing and Regulatory Affairs
X Energy, LLC

Enclosures: None

cc:

X-energy

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