



Long Mott Energy, LLC
221 H. H. Dow Way
Midland, MI 48674

24 October 2025

2025-PLM-NRC-012

Docket No. 50-614

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

Subject: Supplement 3 Regarding the Environmental Report for the Long Mott Generating Station Construction Permit Application

References:

- 1) Long Mott Energy, LLC, 2025, "Long Mott Generating Station Construction Permit Application," 2025-PLM-NRC-003, March 31, 2025 (ML25090A057)
- 2) U.S. Nuclear Regulatory Commission, 2025, "Acceptance for Docketing of the Long Mott Generating Station Construction Permit Application", May 12, 2025 (ML25115A247)
- 3) U.S. Nuclear Regulatory Commission, 2025, "Long Mott Generating Station Environmental Report Audit Plan", August 28, 2025 (ML25240B607)

During the ongoing audit being conducted in accordance with Reference 3, the NRC staff identified additional information related to information contained in the LMGS Environmental Report (Enclosure 3 to Reference 1) requiring official submittal by Long Mott Energy, LLC. The NRC provided a draft summary of the requested additional information on October 8, 2025.

LME provides the following additional information associated with:

- Alternatives
 - Clarification of the comparative acreages of Sites A, B, C, and D described in Chapter 9 of the ER (Enclosure 1).
- Aquatic Ecology
 - The Project Long Mott Ecological Resources Technical Report, Rev. 1 dated August 20, 2024 that supported development of ER Tables 2.4-9 and 2.4-10 (Enclosure 2).
 - The current Texas Pollutant Discharge Elimination System (TPDES) permit (WQ0000447000) for the Seadrift Operations Plant (Enclosure 3).
- Historical and Cultural Resources
 - The Xe-100 Dow Seadrift Site Phase 1 Intensive Archaeological Survey, Calhoun County, Texas, Negative Finding Short Report (Enclosure 4).
- Land Use
 - The United States Department of Agriculture, Natural Resources Conservation Service Farmland Conversion Impact Rating Form AD-1006 (Enclosure 5).



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- Terrestrial Ecology
 - The completed United States Fish and Wildlife Services (USFWS) Northern Long-Eared Bat and Tricolored Bat Range-Wide Determination Key for the project (Enclosure 6).

Furthermore, LME confirms the following statement associated with Terrestrial Ecology:

- The design of the power lines is not finalized, so the specific practices outlined in the document *Reducing Avian Collisions with Power Lines: State of the Art in 2012*, Edison Electric Institute and APLIC, Washington, DC, have not been chosen.

Sincerely,

DocuSigned by:
A handwritten signature in black ink that reads "Charles O'Connor".
7DB1A2114768476...

Charles O'Connor

Sr. Director, Engineering and Projects

Long Mott Energy, LLC



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Enclosures

- 1) Clarification of the Comparative Acreages of Sites A, B, C, and D Described in Chapter 9 of the ER - Non-Proprietary (Public)
- 2) Project Long Mott Ecological Resources Technical Report, Rev. 1, August 20, 2024 - Non-Proprietary (Public)
- 3) Texas Pollutant Discharge Elimination System (TPDES) permit (WQ0000447000) for the Seadrift Operations Plant, December 3, 2014 - Non-Proprietary (Public)
- 4) Xe-100 Dow Seadrift Site Phase 1 Intensive Archaeological Survey, Calhoun County, Texas, Negative Finding Short Report, February 19, 2024 - Non-Proprietary (Public)
- 5) United States Department of Agriculture Natural Resources Conservation Service Farmland Conversion Impact Rating Form AD-1006, February 19, 2024 - Non-Proprietary (Public)
- 6) USFWS Northern Long-Eared Bat and Tricolored Bat Range-Wide Determination Key, July 29, 2025- Non-Proprietary (Public)

cc:

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