UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

October 23, 2026

Mark Feltner
Technology Principal, Nuclear Power
Long Mott Energy, LLC
530 Gaither Road, Suite 700
Rockville, MD 20850

SUBJECT: LONG MOTT ENERGY, LLC – SUMMARY REPORT FOR THE AUDITS OF THE LONG MOTT GENERATING STATION CONSTRUCTION PERMIT APPLICATION (EPID NO. L-2025-CPS-0000)

Dear Mr. Feltner:

By letter dated March 31, 2025 (Agencywide Documents Access and Management System (ADAMS) Package Accession No. ML25090A057), Long Mott Energy, LLC (LME) submitted a construction permit (CP) application for a reactor facility pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 50, "Domestic Licensing of Production and Utilization Facilities," to the U.S. Nuclear Regulatory Commission (NRC) for review and approval. The facility, referred to as Long Mott Generating Station (LMGS), would be constructed in Calhoun County, Texas. By letter dated May 12, 2025, the NRC staff (the staff) accepted the CP application for detailed review (ML25115A247). The NRC staff conducted a detailed review of the LMGS CP application and engaged in regulatory audits as described below to assist the NRC staff in its review. Revision 1 of the CP application was submitted by LME on September 18, 2026.

To assist with the detailed technical review of the CP application, the NRC staff conducted regulatory audits via LME's electronic reading room (eRR), in-person, and through a series of video teleconference audit discussions. The audits focused on the review of the CP application supporting documents associated with questions identified within the audit plans (ML25128A332, ML25156A350, ML26048A641) and additional questions identified while reviewing the CP application. The enclosures as described below, provide details pertaining to the activities associated with these audits. Enclosure 1 of this letter is a memorandum detailing key aspects of the audits. Enclosure 2 (Proprietary) details the staff's audit questions and LME's resolutions relating to the general audit. Enclosure 3 (Proprietary) details the staff's audit questions and LME's resolutions relating to the probabilistic risk assessment audit. Enclosure 4 (Proprietary) details the staff's audit questions and LME's resolutions relating to the chapter 2 and structures audit. Enclosure 5 lists the documents provided by LME in the eRR for the NRC staff to audit.

This summary report does not make any licensing conclusions or findings, but it is part of the administrative record of the NRC staff's review of the CP application and may provide

information supporting the NRC staff's safety evaluation. The NRC staff exited the audits on October 23, 2026.

If you have questions about this matter, please contact me at (301)-415-4093 or via email at Adrian.Muniz@nrc.gov.

Sincerely,


Signed by Adrian Muniz Gonzalez on 10/23/26

Adrian Muñiz, Senior Project Manager
Advanced Reactor Licensing Branch 5
Division of Advanced Reactor Licensing
Office of Advanced Reactors

Docket No.: 50-0614

Enclosures:
As stated

cc: Long Mott Generating Station via Granicus
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SUBJECT: LONG MOTT ENERGY, LLC – SUMMARY REPORT FOR THE AUDITS OF THE LONG MOTT GENERATING STATION CONSTRUCTION PERMIT APPLICATION (EPID NO. L-2025-CPS-0000) DATED: OCTOBER 23, 2026

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ADAMS Accession Nos.
Package: ML26293A340
Letter: ML26293A341
SCD: ML26296A175
Enclosure 1 (Public): ML26293A342
Enclosure 2 (Non-Public): ML26293A346
Enclosure 3 (Non-Public): ML26293A344
Enclosure 4 (Non-Public): ML26293A345
Enclosure 5 (Public): ML26293A343

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