



October 2, 2026
2026-LFR-NRC-009

Project No. 99902162

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

Submission of *newcleo* Americas LLC Topical Report: LFR-AS-200 Principal Design Criteria Development Approach

The purpose of this letter is to submit the subject topical report to the U.S. Nuclear Regulatory Commission (NRC) on behalf of *newcleo* Americas LLC (*newcleo*) for review. This topical report describes the development approach taken to develop principal design criteria, as a precursor for future functional design criteria, for *newcleo*'s LFR-AS-200 reactor technology in the U.S. market. *newcleo* will continue to engage with the NRC staff project managers on review schedule expectations and related matters.

This letter contains no commitments. If you have any questions or require additional information, please contact Mr. Simon Pirmet, Global Licensing Manager, at simon.pirmet@newcleo.com

Yours truly,

Signed by:

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Travis A. Chapman
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Stéphane Calpena
Zachary Johnson
L3SE, ENG, R&D, LFR teams

Enclosures:
(1) Topical Report: LFR-AS-200 Principal Design Criteria Development Approach