BLUECORE ENERGY

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November 12, 2026

**TO.**

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

Megan Gangewere, P.E., Project Manager, Advanced Reactor Licensing Branch 5,
Division of Advanced Reactor Licensing, Office of Advanced Reactors

**RE.** BlueCore Energy, Inc. - Transmittal of LMP Methodology and SSC Classification Approach
BLU-WP-000003, Revision 0
Docket No. 99902177

Dear Megan,

BlueCore Energy, Inc. ("BlueCore") hereby submits the enclosed LMP Methodology and SSC Classification Approach (BLU-WP-000003, Revision 0) to the U.S. Nuclear Regulatory Commission ("NRC") in support of pre-application activities under Docket No. 99902177. This white paper describes BlueCore's methodology for applying the Licensing Modernization Project framework to structures, systems, and components classification for a marine-based small modular reactor.

Pursuant to 10 CFR 2.390, BlueCore requests that the information identified as proprietary in Enclosure 2 be withheld from public disclosure. The basis for this request is set forth in the affidavit provided as Enclosure 3 (BLU-CORR-000009), executed by Megan

Moyette, Licensing Lead, BlueCore Energy, Inc. The affidavit identifies the proprietary information under the criteria of 10 CFR 2.390(a)(4) and demonstrates that the information has been held in confidence and is of the type customarily treated as proprietary.

A non-proprietary version of the LMP Methodology and SSC Classification Approach, suitable for public disclosure, is provided as Enclosure 1. Proprietary information has been redacted and is denoted by double brackets (e.g., [[ ]]). The non-proprietary version maintains page-for-page correspondence with the proprietary version.

The following documents are enclosed with this transmittal:

| No. | Document Description | Sensitivity |
|---|---|---|
| 1 | Non-Proprietary Version of the LMP Methodology and SSC Classification Approach (BLU-WP-000003) | Publicly Available |
| 2 | Proprietary Version of the LMP Methodology and SSC Classification Approach (BLU-WP-000003) | Non-Publicly Available — Proprietary Information |
| 3 | Affidavit of Megan Moyette Supporting Request for Withholding Proprietary Information (BLU-CORR-000009) | Publicly Available |

BlueCore requests that the NRC acknowledge receipt of this submittal. If there are any questions regarding this transmittal, please contact the undersigned.

Sincerely,



**Megan Moyette**

Licensing and Safety Lead, BlueCore Energy, Inc.

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**Enclosures:**

1. BLU-WP-000003, LMP Methodology and SSC Classification Approach (Non-Proprietary)
2. BLU-WP-000003, LMP Methodology and SSC Classification Approach (Proprietary)
3. BLU-CORR-000009, Affidavit Supporting Request for Withholding Proprietary Information