



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

April 27, 2020

Mr. Simon Irish
Chief Executive Officer
Terrestrial Energy USA, Inc.
150 East 58th Street, Suite 2413
New York, NY 10155

SUBJECT: REQUEST FOR WITHHOLDING INFORMATION FROM PUBLIC DISCLOSURE
FOR TERRESTRIAL ENERGY USA – IMSR CORE-UNIT DEFINITION –
APPLICABLE STRUCTURES, SYSTEMS AND COMPONENTS

Dear Mr. Irish:

By letter dated April 2, 2020 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML20097B846), you submitted an affidavit dated April 2, 2020 (ADAMS Accession No. ML20097B842), executed by you for Terrestrial Energy USA (TEUSA), requesting that the information contained in the following document be withheld from public disclosure pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR), Part 2, Section 2.390:

“IMSR Core-unit Definition – Applicable Structures, Systems and Components”

The affidavit stated that the submitted information should be considered exempt from mandatory public disclosure for the reasons set forth in affidavit paragraphs (4)b and (4)c shown below:

- b. [Contains] [i]nformation that, if used by a competitor, would reduce their expenditure of resources or improve their competitive position in the design, manufacture, shipment, installation, assurance of quality, or licensing of a similar product.
- c. [Contains] [i]nformation that reveals aspects of past, present, or future TEUSA development plans and programs, resulting in potential products to TEUSA.

We have reviewed your application and the material in accordance with the requirements of 10 CFR 2.390 and, on the basis of the statements in the affidavit, have determined that the submitted information sought to be withheld contains proprietary commercial information and should be withheld from public disclosure.

Therefore, the Integral Molten Salt Reactor Core-unit Definition – Applicable Structures, Systems and Components white paper marked as proprietary, will be withheld from public disclosure pursuant to 10 CFR 2.390(b)(5) and Section 103(b) of the Atomic Energy Act of 1954, as amended.

Withholding from public inspection shall not affect the right, if any, of persons properly and directly concerned to inspect the documents.

If the need arises, we may send copies of this information to our consultants working in this area. We will, of course, ensure that the consultants have signed the appropriate agreements for handling proprietary information.

If the basis for withholding this information from public inspection should change in the future such that the information could then be made available for public inspection, you should promptly notify the U.S. Nuclear Regulatory Commission (NRC). You also should understand that the NRC may have cause to review this determination in the future, for example, if the scope of a Freedom of Information Act request includes your information. In all review situations, if the NRC makes a determination adverse to the above, you will be notified in advance of any public disclosure.

If you have any questions regarding this matter, I may be reached at 301-415-4093.

Sincerely,

/RA/

Adrian Muñiz, Project Manager
Advanced Reactors Licensing Branch
Division of Advanced Reactors and Non-Power
Production and Utilization Facilities
Office of Nuclear Reactor Regulation

Project No.: 99902076

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DATED: April 27, 2020

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BBeasley, NRR

AMuniz, NRR

rrickman@terrestrialusa.com
dcarleton@terrestrialusa.com

ADAMS Accession No.: ML20099E609

*** concurrence via e-mail**

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| OFFICE | NRR/DANU/UARL/PM* | NRR/DANU/UARL/LA* | NRR/DANU/UARL/BC* | NRR/DANU/UARL/PM* |
| NAME | AMuñiz | SLent | BBeasley | AMuñiz |
| DATE | 4/10/2020 | 4/9/2020 | 4/27/2020 | 4/27/2020 |

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