

TERRESTRIAL ENERGY USA

January 25th, 2019

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

TEUSA Letter: TEUSA181201

Ref: NRC Regulatory Issue Summary (RIS) 2017-08, "Process for Scheduling and Allocating Resources for Fiscal Years 2020 through 2022 for the Review of New Licensing Applications for Light-Water Reactors and Non-Light-Water Reactors," dated December 21, 2017

Subj: Terrestrial Energy USA Inc. Response to NRC Regulatory Issue Summary 2017-08

On December 21, 2017, the NRC published NRC Regulatory Issue Summary (RIS) 2017-08, "Process for Scheduling and Allocating Resources for Fiscal Years 2020 through 2022 for the Review of New Licensing Applications for Light-Water Reactors and Non-Light-Water Reactors."

The purpose of this letter is to provide the response of Terrestrial Energy USA Inc. (TEUSA) to RIS 2017-08. TEUSA recognizes the value in assisting the NRC to determine its resource and budget needs for future construction-related activities, and other anticipated 10 CFR Part 50 and Part 52 licensing and design certification rulemaking actions for large light-water reactors (LWRs), non-LWRs, small modular reactors (SMRs), and other reactor technologies to ensure effective implementation of the NRC's regulatory processes. This response includes the current status of the design, analyses, testing, licensing, and project planning for the TEUSA Integral Molten Salt Reactor (IMSR[®]), a liquid fueled molten salt, advanced reactor design.

TEUSA's responses to RIS 2017-08 contains commercially sensitive proprietary information and, as such, we are requesting that this information be withheld from public disclosure in its entirety in accordance with 10 CFR 2.390, "Public inspections, exemptions, request for withholding," paragraph (a)(4). Since commercially proprietary information constitutes much of the TEUSA response to NRC Regulatory Issue Summary 2017-08, a public version is not being submitted. Accordingly, Enclosure 1 is a Non-Public version of the TEUSA responses to RIS 2017-08; which contains non-redacted sensitive information. This proprietary information is appropriately marked and an affidavit providing the basis for this request is provided in Enclosure 2.

This letter makes no regulatory commitments and no revisions to any existing regulatory commitments. Please feel free to contact Robin Rickman, V.P. of TEUSA, at (646) 687-8212 ext. 531 or at rrickman@terrestrialusa.com if you have any questions.

Sincerely,

A handwritten signature in blue ink, consisting of several loops and a central vertical stroke, likely representing the name Simon Irish.

Simon Irish
CEO, Terrestrial Energy USA

Enclosure 1: TEUSA Response to NRC Regulatory Issue Summary 2017-08

Enclosure 2: Affidavit