



Japan Atomic Energy Agency

Oarai Nuclear Engineering Institute

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LR080728-01

July 28, 2026

Docket No. 99902114

Docket Name: JAEA Floating Seismic Isolation System for SMRs

ATTN: Document Control Desk

U.S. Nuclear Regulatory Commission

Washington, D.C. 20555-0001

Subject: Submittal of White Papers(3) for Floating Seismic Isolation System (FSIS):

1. Seismic Design Methodology for Floating Seismic Isolation System (FSIS)
2. FSIS-R Plant Preliminary Standard Design Information
3. Validation and Verification of Seismic Analysis Methodology for FSIS-R Plant

Enclosures 1 through 3 contains proprietary White Papers identified in the subject above.

The affidavit contained within Enclosure 4 identifies that the information contained in Enclosures 1 through 3 has been handled and classified as proprietary to JAEA. The Affidavit sets forth the basis on which the information identified as proprietary may be withheld from public disclosure in accordance with the provisions of 10 CFR 2.390.

If you have any questions, please contact me at below telephone number and email address.

Respectfully,

A handwritten signature in black ink, appearing to be 'Xing L. Yan', is written over a light blue horizontal line.

Xing L. Yan

Project Director, Nuclear Plant Innovation

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Enclosures

1. JAEA White Paper - Seismic Design Methodology for Floating Seismic Isolation System (FSIS)
2. JAEA White Paper - FSIS-R Plant Preliminary Standard Design Information
3. JAEA White Paper - Validation and Verification of Seismic Analysis Methodology for FSIS-R Plant
4. Affidavit

Document Files

Document	File name	Classification
Cover Letter	Cover Letter.pdf	Non-Proprietary
Enclosure 1	Enclosure 1 Proprietary.pdf	Proprietary
Enclosure 2	Enclosure 2 Proprietary.pdf	Proprietary
Enclosure 3	Enclosure 3 Proprietary.pdf	Proprietary
Enclosure 4	Affidavit.pdf	Non-Proprietary

cc:

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