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December 18, 2023

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

Subject: SMR, LLC Request for Written Assessment of White Paper Concerning Soil-Structure Interaction Analysis Method (Project No. 99902049)

SMR, LLC is pleased to request written assessment of the white paper submitted herein, following the November 8, 2023 preapplication meeting regarding SMR's use of a nonlinear time-domain soil-structure interaction (SSI) analysis methodology.

Enclosures 1 and 2 provide proprietary and nonproprietary versions of the white paper, respectively. Enclosure 3 provides SMR answers to the written questions that were provided by the NRC staff prior to the November 8 meeting, which are not proprietary. SMR, LLC requests that Enclosure 1 be withheld from public disclosure in accordance with 10 CFR 2.390; an Affidavit is included with this letter as Enclosure 4.

SMR, LLC has estimated 65 hours for the review of this material. If more hours are required for the review, please discuss with the SMR, LLC Director of Licensing. If you have any questions or require any additional information, please contact Andrew Brenner, SMR Director of Licensing, at a.brenner@holtec.com, (O) 856-957-2011, or (C) 215-704-8387.

Respectfully,

Andrew Brenner
Director of Licensing
SMR, LLC
Holtec International

Enclosures:

1. SMR, LLC SSI Methodology White Paper (P)
2. SMR, LLC SSI Methodology White Paper (NP)
3. SMR, LLC Responses to NRC Written Questions (NP)
4. Affidavit Pursuant to 10 CFR 2.390 to Withhold Information from Public Disclosure (NP)

CC:

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