

Nuclear Risk Research Center (NRRC)
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Dr. George Apostolakis
Director

March 8, 2022

Mr. J.W. Stetkar, Chairman
Technical Advisory Committee

Subject: TAC Report titled "RESULTS OF IKATA SSHAC LEVEL 3 PROJECT AND PLAN FOR SSHAC-BASED PSHA DEVELOPMENT IN JAPAN" dated February 25, 2022

Dear Chairman Stetkar:

We appreciated the discussions throughout the review of Ikata SSHAC Project and our research plan for SSHAC-BASED PSHA Development in Japan. The NRRC replies to the TAC conclusions and recommendations are as follows.

1. Ikata SSHAC Project

The Committee stated: "We congratulate and commend Shikoku Electric Power Company, the NRRC, and the entire SSHAC team for undertaking a complex, but essential, project and successfully completing it in accordance with the SSHAC guidance." We are very much pleased to hear this.

2. Supporting utilities' PSHA plans

The NRRC will conduct research and development related to SSHAC-Based PSHA development with continuous discussions with utilities. We think we are able to support utilities based on constructive discussions with them.

3. Discussions regarding PSHA Implementation Guide

With regard to the PSHA implementation guide, the NRRC agrees with the Committee's request, that is, to have an opportunity to discuss the Guide at the earliest opportunity.

4. Research and Development on Regional PSHA Study

The NRRC agrees with the Committee's request for early and periodic briefings on the detailed plans for the Regional Study.

5. Research and Development on Local Site Response Evaluation

The NRRC will conduct the R&D on Local Site Response Evaluation starting in FY2022. We are considering discussing this subject as well during the relevant discussions on Regional SSHAC Evaluation.

6. Site Specific PSHA Study

The contents of a site specific PSHA study will be determined mainly by each utility. The NRRC will propose to utilities a plan which combines regional and site specific PSHA studies by the end of FY2024. The NRRC will discuss the plan with the Committee after the plan has been developed.

Sincerely,

A handwritten signature in blue ink, appearing to read "George Apostolakis", written in a cursive style.

George Apostolakis