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Federation of Electric Power Companies (FEPC)

March 11, 2015

SUBJECT: TAC Letter on SEISMIC HAZARD AND FRAGILITY EVALUATIONS AT  
IKATA UNIT 3

Dr. G. Apostolakis  
Head of Nuclear Risk Research Center  
Central Research Institute of Electric Power Industry  
1-6-1 Otemachi, Chiyoda-ku,  
Tokyo, 100-8126 Japan

Dear Dr. Apostolakis

In response to the subject letter by the NRRC Technical Advisory Committee (TAC) dated January 24, 2015, we offer the following comments.

Recommendation 1

We agree to this recommendation in principle. We will proceed with the hazard evaluation according to the procedure of the SSHAC process Level 3 or higher in the Ikata project. However, we note that we have encountered many issues that need to be resolved before we implement the SSHAC methodology. We believe that it will take a certain amount of time to resolve them. So, we will strive to establish our approach with the cooperation of NRRC and will present our progress at the 3rd TAC meeting in May. Of course, we will also seek TAC's advice on these issues.

Recommendation 2

We agree to this recommendation. We note that we have already decided to conduct a peer review for the Ikata PRA, because we recognize that a peer review is important to ensure its credibility. We will develop a specific implementation plan for peer review and will present it at the 3rd TAC meeting in May.

Recommendation 3

We will investigate the R&D results of NRRC related to the re-examination of parameters used in fragility models based on available earthquake experience data. We will examine the proposed simple method for consistency with established practices. We will examine these issues and apply R&D results provided by NRRC, as appropriate.

Thank you for your continuing support.

Sincerely,



Shigeru Urata

Leader, PRA Promotion Task Team

Federation of Electric Power Companies