
RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION

APR1400 Design Certification

Korea Electric Power Corporation / Korea Hydro & Nuclear Power Co., LTD

Docket No. 52-046

RAI No.: 297-8309
SRP Section: 19.03 – Beyond Design Basis External Event
Application Section: 19.03
Date of RAI Issue: 11/09/2015

Question No. 19.03-7

Section 19.3.5, "References," in APR1400 DCD Tier 2 includes APR1400-E-P-NR-14005-P, "Evaluations and Design Enhancements to Incorporate Lessons Learned from the Fukushima Dai-Ichi Nuclear Accident," Revision 0, December 2014. Section 19.3.1, "Introduction," in APR1400 DCD Tier 2 states that APR1400-E-P-NR-14005-P provides specific details for addressing the NRC's Tier 1, 2, and 3 Near-Term Task Force (NTTF) items in response to the Fukushima accident. Other subsections in Section 19.3 reference APR1400-E-P-NR-14005-P in supporting the mitigation strategies. The NRC staff requests that the APR1400 design certification applicant specify whether the APR1400 DCD "incorporates by reference" APR1400-E-P-NR-14005-P for implementation of its provisions as requirements under the APR1400 design certification, or references APR1400-E-P-NR-14005-P as general guidance for use by COL applicants on a voluntary basis. The staff requests that APR1400 design certification applicant revise the DCD as necessary to clarify the intent regarding the reference to APR1400-E-P-NR-14005-P.

Response

The APR1400 DCD "incorporates by reference" APR1400-E-P-NR-14005-P as indicated in DCD Tier 2 Table 1.6-2 (1 of 2) for implementation of its provisions as required under the APR1400 design certification.

Impact on DCD

There is no impact on the DCD.

Impact on PRA

There is no impact on the PRA.

Impact on Technical Specifications

There is no impact on the Technical Specifications.

Impact on Technical/Topical/Environmental Reports

There is no impact on any Technical, Topical, or Environment Report.