
RESPONSE TO AUDIT ISSUES

APR1400 Topical Reports

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

Docket No. PROJ0782

Review Section	TR Realistic Evaluation Methodology for LBLOCA of the APR1400
Application Section	Topical Report: APR1400-F-A-TR-12004 Realistic Evaluation Methodology for Large-Break LOCA of the APR1400
Issue Date	08/13/2015

Audit Issues No. 52-a

The guidance in RG 1.157, Section 4 establishes acceptable controls for the estimation of uncertainties. In addition, NUREG/CR-5249 describes the process for formulation of uncertainty distributions. Address the following questions about the statistical treatment of uncertainties in CAREM:

- a. RG 1.157 states that “the methodology used to obtain an estimate of the overall calculation uncertainty at the 95 percent probability limit should be provided and justified.” Provide the justification for the use of the distribution free statistical approach.

Response

See the response for Audit issue no. 51.a.

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 Report

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