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. 76

The guidance in NUREG/CR-5249, Section 2.0, discusses issues related to model nodalization. Figure 17 of Appendix B shows the RELAP-5 nodalization of the primary system. [

]^{TS} Provide justifications regarding this core radial nodalization. If a different nodalization is to be used, justify why it will provide conservative or realistic predictions of the core heat transfer behavior.

Response

[

]TS Moreover, in CAREM, the conservative Fr (radial peaking factor) is applied to hot bundle. The conservative radial peaking factor for the hot bundle is described in response to audit issue no. 54.

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.