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## 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

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### **Audit Issues No. 53-a**

The guidance in RG 1.157, Section 4.3.1 establishes acceptable controls for the utilization of conservative parameters in best estimate analysis. Provide the following details:

- Explain the determination of the radial peaking factor (Fr) for [ ]<sup>TS</sup> in the LBLOCA analysis.

**Response (Rev. 1)**

Radial peaking factor (Fr) for [ ]<sup>TS</sup> was determined based on nuclear design data for APR1400. The most limiting Fr at [ ]

[ ]<sup>TS</sup>

[

[ ]<sup>TS</sup>

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### **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.