
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.: 381-8467
SRP Section: 10.04.08 – Steam Generator Blowdown System
Application Section: 10.4.8
Date of RAI Issue: 02/01/2016

Question No. 10.04.08-4

Please clarify the location of the safety-related portion of the Steam Generator Blowdown System and correct FSAR Tier 1 Subsection 2.7.1.8 if necessary. There is a discrepancy between the location of the safety-related portion of the system defined in FSAR Tier 1 Subsection 2.7.1.8.1 (“the containment and the auxiliary building”) and that defined in Table 2.7.1.8.1-1 (“Containment Building”).

Response

The safety-related portion of the steam generator blowdown system is located in the containment and the auxiliary building.

Tier 1, Table 2.7.1.8-1 will be revised to identify the location of the safety-related portion of the steam generator blowdown system.

Impact on DCD

DCD Tier 1 Table 2.7.1.8-1 will be revised as indicated in the attached markup.

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 Environmental Report.

APR1400 DCD TIER 1

Table 2.7.1.8-1

Steam Generator Blowdown System Equipment and Piping Location/Characteristics

Equipment and Piping Name	Location	ASME Section III Class	Seismic Category
The SGBS piping and valves from the SG blowdown nozzles to the outermost containment isolation valves, SD-V007 and V008	Containment Building	2	I

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/Auxiliary Building