

## KHNPDCDRAIsPEm Resource

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**Sent:** Tuesday, May 10, 2016 12:05 PM  
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**Cc:** Li, Chang; Dias, Antonio; Wunder, George; Williams, Donna  
**Subject:** APR1400 Design Certification Application RAI 479-8605 (09.02.01 - Station Service Water System)  
**Attachments:** APR1400 DC RAI 479 SPSB 8605.pdf

KHNP,

The attachment contains the subject request for additional information (RAI). This RAI was sent to you in draft form. Your licensing review schedule assumes technically correct and complete responses within 30 days of receipt of RAIs.

Please submit your RAI response to the NRC Document Control Desk.

Thank you,

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**Hearing Identifier:** KHNP\_APR1400\_DCD\_RAI\_Public  
**Email Number:** 532

**Mail Envelope Properties** (7389eb4b15f34c16b7b5a322589b9e53)

**Subject:** APR1400 Design Certification Application RAI 479-8605 (09.02.01 - Station Service Water System)  
**Sent Date:** 5/10/2016 12:05:00 PM  
**Received Date:** 5/10/2016 12:05:02 PM  
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Files	Size	Date & Time
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APR1400 DC RAI 479 SPSB 8605.pdf		87734
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## REQUEST FOR ADDITIONAL INFORMATION 479-8605

Issue Date: 05/10/2016

Application Title: APR1400 Design Certification Review – 52-046

Operating Company: Korea Hydro & Nuclear Power Co. Ltd.

Docket No. 52-046

Review Section: 09.02.01 - Station Service Water System

Application Section: 9.2.1

### QUESTIONS

#### 09.02.01-8

In RAI 211-8236, Question 09.02.01-4, the staff requested the applicant to clarify whether the boundary isolation valves separating the nonsafety- from the safety-related portions of the ESWS are included for inservice testing and inspection.

In the response, the applicant states that

The boundary isolation valves are not included for in-service testing and inspection, because they are used only for system or component maintenance, in accordance with ASME ISTC code requirements.

The first part of the response that “the boundary isolation valves are not included for in-service testing and inspection” is inconsistent with the second part of the response that “they are used only for system or component maintenance, in accordance with ASME ISTC code requirements.”

The staff’s understanding from the response and other design certification applications is that the boundary isolation valves are tested in accordance with ASME OM Code Subsection ISTC, “Inservice Testing of Valves in Light-Water Reactor Nuclear Power Plant.” The applicant is requested to confirm and revise the response, and incorporate it into the DCD.

