

## KHNPDCDRAIsPEm Resource

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**Sent:** Wednesday, May 18, 2016 1:01 PM  
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**Cc:** Andrukat, Dennis; Dias, Antonio; Wunder, George; Williams, Donna  
**Subject:** APR1400 Design Certification Application RAI 486-8597 (10.04.05 - Circulating Water System)  
**Attachments:** APR1400 DC RAI 486 SPSB 8597.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. However, KHNP requests, and we grant, 45 days to respond to this RAI. We may adjust the schedule accordingly.

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

Thank you,

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## **REQUEST FOR ADDITIONAL INFORMATION 486-8597**

Issue Date: 05/18/2016

Application Title: APR1400 Design Certification Review – 52-046

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

Docket No. 52-046

Review Section: 10.04.05 - Circulating Water System

Application Section: 10.4.5

### **QUESTIONS**

10.04.05-2

10 CFR 52.47(a)(24) requires the Design Certification applicant to provide, "A representative conceptual design for those portions of the plant for which the application does not seek certification, to aid the NRC in its review of the FSAR and to permit assessment of the adequacy of the interface requirements in paragraph (a)(25) of this section."

DCD Tier 2, Section 10.4.5, "Circulating Water System," and Figure 10.4.5-1 show the circulating water pumps as conceptual design information. However, DCD Tier 2, Figure 3.2-1, "Classification of Structures, Systems, and Components," lists the circulating water pumps as non-conceptual.

The applicant is requested to clarify the conceptual design classification of the circulating water system (i.e., which portions and components are conceptual and which are non-conceptual part of the design certification). The applicant is also requested to modify the DCD for consistency with these clarifications.

