

## KHNPDCDRAIsPEm Resource

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**From:** Ciocco, Jeff  
**Sent:** Monday, March 21, 2016 8:20 AM  
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**Cc:** Dinh, Thinh; Dias, Antonio; Wunder, George; Williams, Donna  
**Subject:** APR1400 Design Certification Application RAI 448-8557 (09.05.04 - Emergency Diesel Engine Fuel Oil Storage and Transfer System)  
**Attachments:** APR1400 DC RAI 448 SPSB 8557.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  
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## **REQUEST FOR ADDITIONAL INFORMATION 448-8557**

Issue Date: 03/21/2016

Application Title: APR1400 Design Certification Review – 52-046

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

Docket No. 52-046

Review Section: 09.05.04 - Emergency Diesel Engine Fuel Oil Storage and Transfer System

Application Section: 9.5.4

### **QUESTIONS**

09.05.04-13

In response to RAI 152-8006, Question 09.05.04-4, the applicant described the emergency diesel engine fuel oil system (EDEFOS) leakage monitoring system and fuel oil storage tank (FOST) room sump to be able to contain potential oil leakage. The applicant is requested to confirm the sump has adequate capacity to confine the full content of the FOST. If not, describe the measures to be implemented to control the leakage and/or transfer of the excess fuel oil from the sump.

