

KHNPDCDRAIsPEm Resource

From: Ciocco, Jeff
Sent: Wednesday, September 23, 2015 2:43 PM
To: apr1400rai@khnp.co.kr; KHNPDCDRAIsPEm Resource; Harry (Hyun Seung) Chang; Andy Jiyong Oh; Christopher Tyree
Cc: Williams, Stephen; McCoppin, Michael; Olson, Bruce; Lee, Samuel
Subject: APR1400 Design Certification Application RAI 223-8204 (11.05 - Process and Effluent Radiological Monitoring Instrumentation and Sampling Systems)
Attachments: APR1400 DC RAI 223 RPAC 8204.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, 60 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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Hearing Identifier: KHNP_APR1400_DCD_RAI_Public
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Subject: APR1400 Design Certification Application RAI 223-8204 (11.05 - Process and Effluent Radiological Monitoring Instrumentation and Sampling Systems)
Sent Date: 9/23/2015 2:43:00 PM
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United States Nuclear Regulatory Commission

Protecting People and the Environment

REQUEST FOR ADDITIONAL INFORMATION 223-8204

Issue Date: 09/23/2015

Application Title: APR1400 Design Certification Review – 52-046

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

Docket No. 52-046

Review Section: 11.05 - Process and Effluent Radiological Monitoring Instrumentation and Sampling Systems

Application Section: 11.5

QUESTIONS

11.05-4

Section 11.5.2.2.h identifies the Main Control Room air intake monitors (RE-071A, 072B, 073B, and 074B) are safety related.

1. The conformance to applicable requirements of IEEE Std. 603-1991 is required by 10 CFR Part 50.55a(h)(3) which should be stipulated for these Monitors and any other portions of this system which are safety related.
2. The Final Safety Analysis Report should discuss how such equipment meets the requirements outlined in IEEE Std. 603-1991.

Please address this item and provide a markup for the proposed DCD changes.