

KHNPDCDRAIsPEm Resource

From: Ward, William
Sent: Monday, November 02, 2015 2:45 PM
To: apr1400rai@khnp.co.kr; KHNPDCDRAIsPEm Resource; Harry (Hyun Seung) Chang; Andy Jiyong Oh; Mannon, Steven (steven.mannon@aecom.com); Tyree, Christopher (christopher.tyree@aecom.com)
Cc: Lee, Samuel; Ciocco, Jeff; Williams, Stephen; McCoppin, Michael; Olson, Bruce
Subject: APR1400 Design Certification Application RAI 285-8202 (14.2 - Initial Plant Test Program)
Attachments: APR1400 DC RAI 285 RPAC 8202.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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Subject: APR1400 Design Certification Application RAI 285-8202 (14.2 - Initial Plant Test Program)
Sent Date: 11/2/2015 2:44:54 PM
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From: Ward, William

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REQUEST FOR ADDITIONAL INFORMATION 285-8202

Issue Date: 11/02/2015

Application Title: APR1400 Design Certification Review – 52-046

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

Docket No. 52-046

Review Section: 14.02 - Initial Plant Test Program - Design Certification and New License Applicants

Application Section: 14.2

QUESTIONS

14.02-66

GDC 1, “Quality standards and records” of Appendix A, “General Design Criteria for Nuclear Power Plants” to 10 CFR Part 50 states, in part, that structures, systems, and components important to safety shall be tested to quality standards commensurate with the importance of the safety functions to be performed.

The NRC staff review of DCD section 14.2.12.1.18 has identified a possible typo mistake in the acceptance criteria. DCD section 14.2.12.1.18 has the title of “Process Radiation Monitor Subsystem Test” and yet the acceptance criteria does not specify or request that the process sampling monitor is built in accordance with DCD section 9.3.4.5.5.2, “Process Radiation Monitor.” Instead a reference is made to DCD section 9.3.4.5.6, which directs the reader to the Boronmeter topic.

The NRC Staff requests the applicant review the information provided as acceptance criteria in DCD section 14.2.12.1.18 and provide a clarification as to the correct acceptance criteria.

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