

KHNPDCDRAIsPEm Resource

From: Ward, William
Sent: Friday, July 14, 2017 7:56 PM
To: apr1400rai@khnp.co.kr; KHNPDCDRAIsPEm Resource; daegeun.ahn@gmail.com; Andy Jiyong Oh; Jungho Kim (jhokim082@gmail.com); Wagner, David (Vienna)
Cc: McCoppin, Michael; Lupold, Timothy; Terry, Tomeka; Ward, William; Le, Tuan
Subject: APR1400 Design Certification Application RAI 550-8737 [3.9.3 - ASME Code Class 1, 2, and 3 Components]
Attachments: APR1400 DC RAI 550 MEB 8737.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,

William R. Ward, P.E.
APR1400 DCA Lead Project Manager
U.S. Nuclear Regulatory Commission
m/s O8-G9
Washington, DC, 20555-0001
NRO/DNRL/Licensing Branch 2
ofc O8-H15
ofc (301) 415-7038

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Sent Date: 7/14/2017 7:55:38 PM
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From: Ward, William

Created By: William.Ward@nrc.gov

Recipients:

"McCoppin, Michael" <Michael.McCoppin@nrc.gov>
Tracking Status: None
"Lupold, Timothy" <Timothy.Lupold@nrc.gov>
Tracking Status: None
"Terry, Tomeka" <Tomeka.Terry@nrc.gov>
Tracking Status: None
"Ward, William" <William.Ward@nrc.gov>
Tracking Status: None
"Le, Tuan" <Tuan.Le@nrc.gov>
Tracking Status: None
"apr1400rai@khnp.co.kr" <apr1400rai@khnp.co.kr>
Tracking Status: None
"KHNPDCDRAIsPEM Resource" <KHNPDCDRAIsPEM.Resource@nrc.gov>
Tracking Status: None
"daegeun.ahn@gmail.com" <daegeun.ahn@gmail.com>
Tracking Status: None
"Andy Jiyong Oh" <jiyong.oh5@gmail.com>
Tracking Status: None
"Jungho Kim (jhokim082@gmail.com)" <jhokim082@gmail.com>
Tracking Status: None
"Wagner, David (Vienna)" <david.wagner@aecom.com>
Tracking Status: None

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REQUEST FOR ADDITIONAL INFORMATION 550-8737

Issue Date: 07/14/2017

Application Title: APR1400 Design Certification Review – 52-046

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

Docket No. 52-046

Review Section: 03.09.03 - ASME Code Class 1, 2, and 3 Components

Application Section: Section 3.9.3

QUESTION

03.09.03-7

In August 2015, the NRC staff conducted a regulatory audit of the APR1400 design and procurement specifications for ASME Code components, including valves; pumps; component supports; dynamic restraints; equipment seismic qualifications; and component classifications. As a result of this audit, the NRC staff had audit observations that are listed in the Summary Audit Report of APR1400 Design Specifications (ML15350A057). Subsequently, a follow-up audit was conducted to resolve the August 2015 audit observations. Based on the results of the follow-up audit of KHNP design and procurement specifications, KHNP is requested to submit to the NRC the following items that were identified in the follow-up audit report, ML17095A754.

- 1) KHNP is requested to submit to the NRC the DCD modifications planned in response to the audit findings; and
- 2) KHNP is requested to submit a letter notifying the NRC when the design and procurement specifications reviewed during this audit (and other applicable design specifications) incorporating the modifications made in response to the audit findings have been signed, dated, and made available in the electronic reading room for verification by the NRC staff, where appropriate.