

KHNPDCDRAIsPEm Resource

From: Ciocco, Jeff
Sent: Tuesday, March 01, 2016 8:42 AM
To: apr1400rai@khnp.co.kr; KHNPDCDRAIsPEm Resource; Andy Jiyong Oh; James Ross
Cc: Chuang, Tze-Jer; Xu, Jim; Steckel, James; Lee, Samuel
Subject: APR1400 Design Certification Application RAI 423-8526 (19.05 Aircraft Impact Assessment (APR1400))
Attachments: APR1400 DC RAI 423 SEB 8526.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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REQUEST FOR ADDITIONAL INFORMATION 423-8526

Issue Date: 03/01/2016
Application Title: APR1400 Design Certification Review – 52-046
Operating Company: Korea Hydro & Nuclear Power Co. Ltd.
Docket No. 52-046
Review Section: 19.05 Aircraft Impact Assessment (APR1400)
Application Section: SRP 189.5

QUESTIONS

19.05 Aircraft Impact Assessment (APR1400)-1

Under the Reasonably Formulated Assessment Guideline, specified in SRP 19.5 Sec. III, Item No. 1, the NRC considers an aircraft impact assessment performed by qualified personnel using a method that conforms to the guidance in NEI 07-13, Revision 8 to be a method which is reasonably formulated. In the DCD Sec. 19.5.1, the applicant states that the NEI 07-13 guidelines or methodology were fully followed with no exceptions taken. However, there was no mention of the personnel qualifications in Sec. 19.5. Under SRP 19.5 Sec. III.2, the NRC considers qualified personnel to be: (1) an applicant who is the designer of the facility for which the aircraft impact assessment applies; and (2) an applicant's primary contractor for the aircraft impact assessment who has designed a nuclear power reactor facility either already licensed or certified by the NRC or currently under review by the NRC.

The applicant is requested to provide the qualifications of the analysts who performed the AIA to show that the above qualifications are met in conformance with the SRP 19.5 Sec. III.2: Reasonably Formulated Assessment Guideline.



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