

James Randall Hall - NAC MAGNASTOR Application - NRC review of 2nd Round RAI Response (TAC No. L23764)

From: James Randall Hall
To: Tdanner@nacintl.com
Date: 09/22/2006 3:45 PM
Subject: NAC MAGNASTOR Application - NRC review of 2nd Round RAI Response (TAC No. L23764)
CC: David Tang; Gordon Bjorkman; Robert Nelson

September 22, 2006

Thomas A. Danner
Vice President, Engineering
NAC International

Dear Tom,

SUBJECT: NAC MAGNASTOR Application - NRC review of 2nd Round RAI Response (TAC No. L23764, Docket No. 72-1031)

The purpose of this email is to document the telecon discussion held yesterday between NAC International and NRC Spent Fuel Project Office (NRC/SFPO) staff regarding the subject review. Your initial application for approval of the MAGNASTOR dry cask storage system was submitted for NRC review and approval on August 31, 2004. On April 7, 2006, we issued our second request for additional information (RAI) regarding your application. You submitted NAC's response to that request on August 25, 2006.

The NRC/SFPO staff has performed its acceptance review of your 2nd round RAI response, and as we discussed yesterday, we identified the need for further information pertaining to your structural analysis of the MAGNASTOR fuel basket design in order to complete our safety review of your application. Consequently, we consider NAC's response to the NRC's 2nd round RAI to be open.

During yesterday's telecon, NRC SFPO requested the following: that NAC submit the ANSYS input/output files related to the basket structural analysis for NRC review; that NAC submit revised SAR pages to provide additional clarifying discussion describing changes in the terminology used in Chapter 3, regarding the use of "stress intensities" versus "stresses," and that NAC resolve some inconsistencies identified by the staff in the descriptions provided in Chapter 3 of the SAR. For the first 2 issues, NAC committed to submit the requested information (the ANSYS files are to be provided on DVD-ROM media, due to their large size). Regarding the 3rd issue, the NRC/SFPO staff will provide specific examples of the identified inconsistencies to NAC shortly.

Until all supplemental information is received, and determined to be acceptable by NRC/SFPO, we will consider your response to our 2nd round RAI to be open. However, we will continue our technical review and our discussions with your staff to reach a timely resolution on all remaining issues.

Please call me at (301) 415-1336 if you have any questions.

Sincerely,

James R. (Randy) Hall, Sr. Project Manager
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

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Subject: NAC MAGNASTOR Application - NRC review of 2nd Round RAI
 Response (TAC No. L23764)
Creation Date 09/22/2006 3:45:10 PM
From: James Randall Hall

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nrc.gov OWGWPO01.HQGWDO01 PM GSB3 CC (Gordon Bjorkman)	Delivered	09/22/2006 3:45:19
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