

Allen, William

From: Tarantino, David
Sent: Tuesday, July 31, 2012 8:34 AM
To: Allen, William
Cc: Pstrak, David
Subject: Material RAI Croft
Attachments: DRAFT RAI CROFT Safekeg Materials dmt.docx

Chris,

Attached are my RAI's. Straight forward, please review/comment as necessary. I'm in a WAH status today and you can call me anytime to discuss or reply to this message as I'll be checking mail often throughout the day.

Thanks,

David

DRAFT

CROFT

APPLICATION FOR SAFEKEG-LS DESIGN NO. 3979A

TRANSPORTATION PACKAGE TYPE B(U)-96, REVISION 3

MATERIALS REQUEST FOR ADDITIONAL INFORMATION

Each individual RAI section describes information needed by the staff to complete its review of the application and to determine whether the applicant has demonstrated compliance with the regulatory requirements.

NRC staff reviewed the application using the guidance in NUREG 1609, "Standard Review Plan for Transportation Packages for Radioactive Material." Based on the statements and representations in the application, and the conditions listed below, the staff concluded that the package meets the requirements of 10 CFR Part 71.

MATERIALS RAI:

RAI 1 Is ASTM 279/279M a valid material standard?

BASIS: Modification No. M774, page 2 of 2, table lists a summary of drawing changes and for Drawing No. 2C-6175, Rev C, reason for change, states that ASTM 279/279M is a non-existent standard. However, Section 2.2.1, Material Properties and Specifications, Table 2-8 lists specification ASTM A279/A279M throughout.

This information is needed to ensure compliance with 10 CFR 71.39.

RAI 2 Explain why moisture between the permanent cork material and stainless steel cannot develop/form over time due to temperature inversion potentially leading to or resulting in crevice or other forms of corrosion?

Basis: Section 2.2.2 of the application states that there is no potential for chemical, galvanic or other reactions between the components of the package which are stainless steel and cork in dry conditions.

This information is needed to ensure compliance with 10 CFR 71.43(d).