

From: NOSS Philip (AREVA) [mailto:phil.noss@areva.com]
Sent: Thursday, March 17, 2016 4:54 PM
To: Garcia-Santos, Norma <Norma.Garcia-Santos@nrc.gov>
Cc: NOSS Philip (AREVA) <phil.noss@areva.com>
Subject: [External_Sender] BRR Cask - Found Statement Regarding Dunnage

Norma,

Thanks for the heads-up just now. After I hung up, my colleague found the statement in chapter 6 regarding the loose plate box dunnage. It is the first sentence of the fourth paragraph on page 6.4-5 of the SAR: "In the analysis, **no credit is taken for the aluminum dunnage**, which reduces the plate pitch." (That is, the dunnage would reduce the plate pitch if it were present, but it is assumed to not be present, thus producing a maximized plate pitch in the analysis.) Thus, dunnage is not relied upon for criticality control of the loose plates. The use of dunnage in Section 7.1.2.1, step 12(b) is only a good practice, to minimize free space, but there is no safety function for the loose plate dunnage.

The Florida fuel uses dunnage that is not optional. Step 11(b) of the same section does not say that the Florida fuel spacer is optional. It is relied upon for criticality.

Without seeing the exact wording of the question, I cannot be certain that this answers it, but I believe the SAR has correctly demonstrated criticality control.

I look forward to seeing the other questions.

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From: "NOSS Philip (AREVA)" <phil.noss@areva.com>
To: "Garcia-Santos, Norma (Norma.Garcia-Santos@nrc.gov)"
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