

From: Staab, Christopher
Sent: Tuesday, August 04, 2009 1:10 PM
To: Michael.Conroy@dot.gov
Subject: Phone Call Request to Discuss the Following Items Pertaining to the Criticality Area for Case NCS 45:

1) Please provide fuel rod diameters and/or a range of diameters if they were varied in the analyses. Staff would have asked for the dimensions in the initial RAI. However, in the original submittal the applicant simply stated that the rod diameters were arbitrary, so staff asked the applicant to provide an example of their calculations in order to validate the adequacy of the applicant's methodology.

2) Please provide confirmation of whether cladding was disregarded for analyses pertaining to content 1.1 through content 1.4. The responses confirmed that the cladding was disregarded for the analysis of content 1.5. However, the applicant did not provide specifics concerning the other models.

3) Please provide indication of the number of fuel rods modeled in each analytical model. In some cases the applicant stated the overall dimensions were varied but the applicant provided no indication as to whether or not the number of rods remained the same.

4) In the applicant's analyses for content 1.1 through content 1.4 the applicant stated the overall diameter is expanded out to 18 cm or 22 cm in some cases. However, the applicant does not indicate what the compact diameters are, and without the fuel rod diameters and number of fuel rods present compact diameters cannot be derived for a heterogeneous model.

E-mail Properties

Mail Envelope Properties ()

Subject: Phone Call Request to Discuss the Following Items Pertaining to the Criticality Area for Case NCS 45:
Sent Date: 8/4/2009 12:59:58 PM
Received Date: 8/4/2009 1:10:00 PM
From: Staab, Christopher

Created By: Christopher.Staab@nrc.gov

Recipients:
Michael.Conroy@dot.gov (Michael.Conroy@dot.gov)
Tracking Status: None

Post Office:

Files	Size	Date & Time
MESSAGE	8540	8/4/2009

Options

Expiration Date:

Priority: oImportanceNormal

ReplyRequested: False

Return Notification: False

Sensitivity: oNormal

Recipients received: