

From: Furio, Patricia S [Patricia.Furio@constellation.com]
Sent: Friday, September 26, 2008 1:25 PM
To: Douglas Pickett
Subject: RE: Clarification Needed for Sump Buffer Application

This might answer her question. Let me know if she needs more information.

Our buffer baskets have a combined volume of 300 cubic feet. To achieve a pH of 8.0, CCNPP would have to use more than 20,000 pounds of STB. Even at the maximum density of 56 pounds per cubic foot, CCNPP could not get that quantity of STB into the six baskets in containment. The maximum mass of STB that would fit into the 300 cubic feet available in the six baskets is about 16,800 pounds. This would give a pH of about pH = 7.8.

Pat

From: Douglas Pickett [mailto:Douglas.Pickett@nrc.gov]
Sent: Thursday, September 25, 2008 10:32 AM
To: Furio, Patricia S
Cc: Emma Wong
Subject: Clarification Needed for Sump Buffer Application

Our reviewer has requested a clarification regarding the Sump buffer LAR. It's basically about clarifying what the maximum amount of STB that could be put in the baskets and is this amount of STB still within the pH 7-8 bounds of the LAR submittal.

Can we arrange for a short phone call?

Douglas V. Pickett
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U.S. Nuclear Regulatory Commission
301-415-1364
Email: douglas.pickett@nrc.gov

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From: Furio, Patricia S

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Recipients:

Douglas.Pickett@nrc.gov (Douglas Pickett)

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