

Slama, Chuck

From: Knowles, Timothy
Sent: Wednesday, November 06, 2013 9:32 AM
To: Slama, Chuck
Subject: FW: But wait there is more.....

Follow Up Flag: Follow up
Flag Status: Completed

Chuck,

Looks like he is now going to send these as formal RAI's. Let's see what we can answer ourselves before we go to H&A.

Regards,

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From: Raddatz, Michael [<mailto:Michael.Raddatz@nrc.gov>]
Sent: Wednesday, November 06, 2013 9:01 AM
To: Knowles, Timothy
Subject: But wait there is more.....

OK now I have a pile so I will put them in a letter to capture the correspondence. But, here is a heads up on a couple more RAI's: Letter to follow:

Request for Additional Information on Supplement to LES LAR-12-10

D1. The requested increase in the possession limit for enriched uranium exceeds the capacity of enriched uranium for the UBC storage pad expansion described in CALC-S-00141, Rev. 1, Table 1. Provide the maximum capacities for 30B cylinders at each storage location in the UUSA facility and clarify how storage of additional material would be accommodated by existing and previously planned areas.

D2. CALC-S-00141, Rev. 1, is cited as providing a bounding assumption for public dose at the site boundary. Because the requested possession limit increase for enriched uranium exceeds the stated capacity for enriched uranium at the UBC storage pad, provide additional support that the existing analyses are sufficiently bounding for the total storage of feed, tails, and product material at the requested possession limits. Include a quantitative discussion on why additional enriched uranium at the requested possession limit does not change the values for annual doses from direct radiation in ER Table 4.12-1 and estimated dose rates in SAR Table 4.1-2.

D3. Describe the influence of additional 30B product cylinders stored at the UUSA facility on the previously calculated annual runoff concentration of 32 pCi/L for 10 MSWU.

D4. The increase in exposure to operations personnel with the re-feed design was estimated for logistic cylinder handlers to be an additional 30 mrem/year per person for a total of 150 mrem/year per person. Previously, annual doses for a typical cylinder handler (i.e., the occupational category receiving the greatest annual dose) were increased from 157 mrem (for 3.7 MSWU) to 377 mrem (for 10 MSWU). Describe any differences between "logistic" and "typical" cylinder handlers and clarify the processing capacity used in each supporting assessment for the requests in LES-13-00077.

Mike R