

From: <Weigel.Greg@epamail.epa.gov>
To: "Rafael Rodriguez" <RLR1@nrc.gov>
Date: 08/08/2007 11:23:51 AM
Subject: Re: REVISED VERSION OF EPA'S ACTION MEMO

Rafael,

Attached is the revised version of the Action Memo that the Office Director is expected to sign. We conducted the briefing yesterday, and there appears to be no impediments to approval of the Action Memo.

Also, regards to your question about cleanup criteria for radionuclides - the default exposure scenario for recreational use is 1 hr/day, 75 days/year, and 30 years exposure. In other words 75hr/year for 30 years. We are assuming that the primary exposure route for this scenario and this site is external radiation exposure. Generally, external radiation dose rates less than 15 mrem/year (15000 urem/year) fall within the upper limit of the CERCLA risk range. For a recreational (75 hr/year) exposure, a dose rate of 200 urem/hr would correspond to 15 mrem/year. That would be the benchmark for this action, and would be the highest AVERAGE dose rate that would be consistent with CERCLA risk-based action under this scenario. It could be possible to have isolated higher levels remaining and still be protective provided that the average still met the benchmark. The CERCLA risk range applies to site-related risks above background, so the 200 urem/hr really means 200 urem/hr above background. From a practical standpoint, background should probably be estimated at the time of action based on the instruments used, but a value of 10-30 urem/hr for background wouldn't be unusual. That would put the operational benchmark somewhere in the 210-230 urem/hr range. Targeting materials greater than 120 uR/hr would be a conservative approach.

Finally, we need to discuss coordination with the Bairds. Please give me a call - I will be out after today for the rest of the week, but in on Monday.

(See attached file: SRUD Action Memo v4.rtf)

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08/07/2007 10:18
AM

To
Greg Weigel/R10/USEPA/US@EPA
cc

Subject

REVISED VERSION OF EPA'S ACTION
MEMO

Good morning:

Please send me the revised version of your action memo to your Office Director. I am scheduling a briefing with my management this Friday, and would like to provide the latest version of the memo.

Also, please let me know what was the outcome of your briefing to your Office Director as soon as you can.

Thank you !!

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Subject: Re: REVISED VERSION OF EPA'S ACTION MEMO
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From: <Weigel.Greg@epamail.epa.gov>
Created By: Weigel.Greg@epamail.epa.gov

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