Message

From: Horner, Jo [Horner.Jo@epa.gov]
Sent: 5/7/2019 1:46:40 PM
To: Fife, Greg [fife.greg@epa.gov]
Subject: RE: an addition to the Lowerline Action Memo

Okay. Do you have the action memo? I thought that Mark Peyke said you or Susan had it.

Jo Horner

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From: Fife, Greg
Sent: Tuesday, May 07, 2019 8:45 AM
To: Horner, Jo <Horner.Jo@epa.gov>
Subject: an addition to the Lowerline Action Memo

To make it clearer, can you add, the "per quarter" in this paragraph. It's the bottom of page 7 on my draft copy.

1. Actual or potential exposure to nearby human populations, animals, or the food chain from hazardous substances or pollutants or contaminants. 40 C.F.R. § 300.415(b)(2)(i)

The current exposure rate from the Ra-226 at the Site is several times higher than the EPA acceptable exposure limit of 125 mR/quarter. In fact, the annual dose allowable for the general public can be exceeded at levels at the street or adjacent areas in less than 1 hour per day. The exposure rate measured by the post excavation survey was 1.5 mR/hr. An average of 1-hour exposure per day would result in an approximate dose of 135 R **per quarter**. That does not include exposure to naturally occuring radiation, medical treatments, and other man-made exposures.