Message

From: Fife, Greg [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=1EBD5B1EB9104F3E93818DB928C8A313-FIFE, GREG]
Sent: 5/7/2019 1:44:56 PM
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.