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From: Shaw, Roger P.
Sent: Friday, November 02, 2001 4:56 PM
To: 'ocas@cdc.gov'
Subject: Information Request

Could you please help me with a brief explanation of my two questions below related to FR 66 50969 under F.?

"Employees diagnosed with two or more primary cancers also raise a special issue for determining probability of causation. Even under the assumption that the biological mechanisms by which each cancer is caused are unrelated, uncertainty estimates about the level or radiation delivered to each cancer site will be related."

Question 1: I'm not sure what is meant by "uncertainty estimates about the level or radiation delivered to each cancer site will be related." Does this simply mean that each dose related to a cancer (or cancer site) will have it's own uncertainty calculation?

"Under this proposal, instead of determining the probability that each cancer was caused by radiation, DOL would have to perform an additional statistical procedure following the use of IREP to detemrine the probability that at least one of the cancers was caused by the radiation. This approach is imporant to the claimaint because it would determine a higher probability than would be determined for either cancer individually."

Question 2: Isn't this double-dipping in a sense. What scientific basis is there for essentially adding PC's for two or more separate cancers or adding partial PC's for such cancers?

This is a technical question, not a legal question.

I appreciate your help in advance,

Roger Shaw, CHP