

GEHitachiUELAPEm Resource

From: Brown, David
Sent: Tuesday, March 25, 2008 6:15 PM
To: 'Timothy Johnson'
Cc: Ridge, Christianne
Subject: FYI: March 24, 2008 Question and Answer

Tim,

Yesterday at the meeting, I asked a question that I believe was probably misunderstood, based on the answer I received. I wasn't sure at the time, so I took some time to think about it and refresh my memory of Part 70, Subpart H.

The question is this:

To evaluate doses and chemical exposure pursuant to 10 CFR 70.61, "Performance requirements," GE-Hitachi must define both a "controlled area" (e.g., as used in 70.61(b)(2)) and a "restricted area" (e.g., as used in 70.61(c)(3)).

I believe GE-H answered that, for example, the "controlled access area" is a small area inside the existing fuel manufacturing facility, and the "restricted area" is the entire GE-H property. My concern is that GE-H may have misunderstood that I meant "controlled area," an area that fuel facilities do not need to establish under Part 20 (it is voluntary), but must establish to meet 70.61 (since Sept. 2000). A controlled area is outside the restricted area but inside the site boundary, by definition.

The reason for my question is that first MOX, then LES, then USEC all confused these terms in their first applications. MOX resubmitted after taking ~9 months to re-work the application. LES changed the design of the fencing around the facility to add a "restricted area" in a revision to its application. I don't remember what USEC did. What each applicant misunderstood is that the public consequences can be evaluated at the controlled area boundary, but the 70.61(c)(3) environmental performance requirement is evaluated at the restricted area boundary, which is typically much closer to the facility.

Can you or we discuss this with GE-H again?

Dave

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