

From: <Siegelja@aol.com>
To: <RWB@nrc.gov>
Date: 3/18/02 12:46PM
Subject: Re: Guidance for Part 35

A/5/02
67 FR 16467
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In a message dated 3/14/2002 11:31:31 AM Eastern Standard Time, RWB@nrc.gov writes:

- > Dear Dr. Siegel,
- >
- > Yesterday we discussed that you had identified a potential inconsistency
- > between Vols 11 and 9 (draft) of NUREG 1556. I promised to send an Email
- > reminder to you, asking that you elaborate on the inconsistency. I would
- > appreciate your feed back on this.
- >
- > It was good to meet you at the meeting yesterday and I'm looking forward to
- > upcoming meetings.
- >
- > P.S. I noted that you had corrected your calling card to reflect a new area
- > code (856) for your telephone number; does this also apply to your FAX
- > number?
- >
- > Best regards,
- >
- >
- > -- Roger W. Broseus, CHP, Ph.D.
- >

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 INFORMATION
 NUREG-1556-11
 APR 12 1992

Roger,

The inconsistency I spoke of was due to something I read in RSO Magazine (July/August 2000 pages 1-7) by Peter Vernig and Daniel Miron. It dealt with the 200 dpm/100 cm2 level for removable contamination. They note that NUREG-1556, Volumes 7, 9, and 11 have fairly consistnet use of 200 dpm/100 cm2 for removable contamination with levels of fixed contamination of 1000 dpm/100 cm2 for average and 3000 dpm/100cm2 for maximum fixed contamination for release of equipment from restricted areas. Volume 7, they go on to say, has a Table (Q.3) which gives somewhat more reasonable levels of fixed surface contamination for rooms and areas. I-131 is not listed in the table, but the level for Sr-90, which is in the same hazard class as I-131 is 8700 dpm/100cm2. Volume 11 has the same room and area clearacne guidance as specified in Volume 9. A foonote indicates that the removable fraction is presumed to be 0.1 so that this relates to a level of removable contamination of 870 dpm/100cm2. It is not known why academic, research and development, limited scope licensees should have more liberal guidance than medical and broad scope licensees. It is also suggested that the groups writing the various volumes of NUREG-1556 should have considered the dose-to-the-public approach used to justify release of patients in NUREG 1492.

This was the source of my comment. I only think it prudent to somehow ensure that the various volumes of NUREG-1556 be internally consistent. I know this will be a tough job.

Yes, the area code change to 856 applies to my fax number as well. Soory for the confusion - they seem to be always changing area codes around here.

Remplite = ADM-013

*E-REDS = ADM-03
Cdd = R. Broseus (RWB)*

It was a pleasure meeting you last week and I look forward to working with you in the future.

Best regards,
Jeff