

GEHitachiUELAPEm Resource

From: Brown, David
Sent: Friday, March 28, 2008 9:33 AM
To: 'Timothy Johnson'
Cc: 'BWS1@Exchange.EXPO'; Ridge, Christianne
Subject: FYI: Health Physics guidance

Tim,

After yesterday's phone call, you asked me to provide you additional information on the definition of boundaries for radiation protection and ISA purposes:

NUREG/CR-6204 "Questions and Answers Based on Revised 10 CFR Part 20."

NUREG-1736 "Consolidated Guidance: 10 CFR Part 20 - Standards for Protection Against Radiation."

In short, anyone who enters a restricted area is subject to occupational dose limits - i.e., they are all workers as that term is defined in Part 70. Both members of the public and workers may be in the controlled area. Under 10 CFR 20.1301(b), public dose limits continue to apply to members of the public in the controlled area. Members of the public may also be treated as workers for the purpose of the ISA, pursuant to 70.61(f).

NRC has guidance on the question of whether individuals are getting an occupational dose or public dose in the controlled area:

<http://www.nrc.gov/about-nrc/radiation/hppos/qa26.html>

- Dave

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