

From: Eric Jameson
To: R. O. Rushton
Date: Thursday, 07 June, 2001 12:02:53
Subject: a couple small items on device evaluation and license

Dear Mr. Rushton:

I have a couple of quick items, some on the device, others on the license.

On the device:

D1. In your response to item 8, in letter dated March 16, 2001, you indicated that the source position indication will be revised to also indicate "in transit." Please describe how that state will be indicated, i.e., existing red light flashing, additional light, etc., on both the manual control panel and the computer control panel.

D2. Has there been any testing or engineering evaluation on the shield's ability to survive a fire? If so, please provide the expected temperature and duration.

On the license:

I received your e-mail, but I have yet to receive the hard copy in the mail. The inside address indicates it was sent to the lockbox. That address is for payments only; more often than not, items that are not checks are discarded. If that was the case, please resend to the 4244 International Parkway address.

Additionally, I realized that the check for the license application fee was still with the application. When it was forwarded to the lockbox, it came back to us with a "stale date" indication on it (and I thought Wachovia cashed all checks, regardless of any date or signature on the check). Kathaleen Hill of our staff spoke with Phil in your office about this. The check has been "voided" and returned to your office. Please submit a replacement check.

L1. Your response to item 1 in letter dated May 25, 2001 still needs one item of information. I need to know the "best guess estimate" for the highest activity source Hopewell will put into a custom device. This number is listed on the license as part of the possession limit. I know that for the G10 this is "no single source to exceed 360 Curies." I am guessing it will be at least that amount.

L2. As a condition of your license, you will be required to comply with 391-3-17-.06, Transportation of Radioactive Materials, Amended. This rule references U.S. DOT regulations found in 49 CFR 170-189, and U.S. NRC regulations found in 10 CFR 71. 49 CFR 173.435 lists the maximum amount of special form Cs-137 that can be transported in a DOT-7A container (or any other Type A package) as 54.1 Curies. You will need to ensure that, for devices containing greater than 54.1 Curies, the shield is transported in a Type B packaging. This could be an overpack around the DOT-7A container.

If you have any questions about this transmittal, please contact me via one of the means below.

Sincerely,

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