

J. Bondick

From: Patricia C. Vacca (PCV)
To: WN7:WN1:KPI:JMB
Date: Thursday, April 28, 1994 1:33 pm
Subject: Added L/C to the Army License -Reply

Per our telecon, John Glenn and I discussed your proposed lic. cond. for the Army and think it is OK provided you make a couple of editorial changes:

- 0 Add a comma after the phrase, "While in storage, the . . ."
- 0 4th line, change "form" to "from"
- 0 5th line, delete the word "required" so the line reads, ". . . within the leak test interval as required by Condition 13.B., . . ."

These are same editorial changes I gave you by phone today.

Pat V

A/13

P. Vacca

From: James M. Bondick (JMB)
To: PCV
Date: Thursday, April 28, 1994 11:25 am
Subject: Added L/C to the Army License

In reference to the Dept. of the Army's request to leak test the Pu-239 sources in their calibrator sets, Walt Pasciak and I have drafted this condition to be added as L/C 14 to their license:

"While in storage the Plutonium 239 alpha sources contained in the AN/UDM-7C Radiac Calibrator sets need not be leak tested at the frequency stated in Condition 13.B., but shall be leak tested at intervals not to exceed 3 years. However, when they are removed ~~from~~ storage for use or transfer to another person, and have not been tested within the required leak test interval as required by Condition 13.B., the sources shall be tested before use or transfer."

Please review the paragraph, and let me know the changes. I have this license in typing, and can have the exemption paragraph changed quickly. Since we're not doing a TAR for this action, it will not get the LTS milestone changed to 19 and the reviewer code changed to A2, I would appreciate it very much if you can e-mail me the changes. Thanks again for your help.

Jim Bondick (JMB) Phone: 610-337-6951

J. Barwick
From: Joseph Wang (JCW)
To: JMB
Date: Friday, April 22, 1994 9:27 am
Subject: Army's Exemp. Req. on Leak Testing

Jim,

As discussed per telephone conversation today, Steve Baggett stated that alpha calibration sources are not considered as sealed sources because they do not have any physical barriers between the plated source and the environment. Beta sources are different because they generally have a thin physical barrier (e.g. mylar covering) between the plated source and the environment.

Steve believes the Army's request to perform leak testing of alpha calibration sources at 3 years interval, if they are in storage, is reasonable. However, if these sources are being used, they should follow the standard license condition of performing leak test (i.e., around the source) on a quarterly interval. I hope this answers your question. Please give me a call at (301) 504-2611 if you have additional questions.

Thanks, Joe W.

CC: WJP, SLB, JMP1

J. Bondick
From: Walter J. Pasciak (WJP)
To: JMB
Date: Thursday, April 21, 1994 10:58 am
Subject: Leak Test Exemption -Reply



If Josie agrees that they should be exempted, then let's go forward based on that. Put a conversation record in the file.

J. Bordini

From: Josephine M. Piccone (JMP1)
To: WN7:WN1:KP1:JMB
Date: Wednesday, April 20, 1994 3:12 pm
Subject: Exemption -Reply

WILL GET BACK TO YOU AS SOON AS WE ARE ABLE TO DISCUSS WITH SEALED SOURCE & DEVICE SECTION - AS I INDICATED EARLIER STEVE BAGGETT IS OUT UNTIL THE END OF THE WEEK AND HIS ACTING IS UNAWARE OF THE HISTORY. JOE WILL GET BACK TO YOU AS SOON AS HE HAS ADDITIONAL INFO. THANKS FOR YOUR PATIENCE.

CC: JCW

TELEPHONE CONVERSATION RECORD	Date:4/26/94	Time:11:00a.m.
Mail Control No.: in reference to MC#119242	License No.: 29-01022-14	Docket No.: 030-29741
Person Called: Josephine Piccone	Organization: NRC	Telephone Number: 301-504-1410
Person Calling: Walt Pasciak/Jim Bondick	Organization: NRC RI	Telephone Number: 5258
Subject: Confirmation of HQ support of leak test extension.		
Summary: Telephone conference call: Walt Pasciak, Josephine Piccone, and Jim Bondick.		
<p>Walt and I called Jose Piccone to confirm that she supports the position to allow the Department of the Army to extend the leak test interval for the subject Pu-239 alpha sources to 3 years while they are in storage, and quarterly when they are removed from storage. The way that this will be handled is 1) to document this conversation along with the other e-mail received from Headquarters, 2) to place the conversation records in the docket file, and 3) to write up a modified license condition for this leak test exemption. Ms. Piccone said that she had not discussed this yet with Dr. Glenn, but would call us if he had any objections. A note in the cover letter to the licensee should include a statement that, according to the standard L/C 13.E.iv, alpha sources less than 10 microcuries need not be leak tested. The AN/UDM-6 contains 1.4 microcuries of Pu-239 and does not need to be leak tested.</p> <p>The AN/UDM-7C sets contain two sources, one of 49.8 microcuries of Pu-239 and the other which is 0.5 microcuries of Pu-239. The 49.8 microcurie source in this set is the source addressed by this leak test exemption. While in storage the 49.8 microcurie source does not need to be tested, however, when removed from storage leak testing will fall under the normal leak test criteria.</p>		
Action Required/Taken: Record to file		
Signature: DRSS:RI Pasciak  4/24/94	DRSS:RI Bondick  4/24/94	