

COLLEEN CAROL CASEY
MATERIALS LICENSING BRANCH
UNITED STATES NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD STE 210
LISLE, ILLINOIS 60532-4352
OFFICE: (630)-829-9841 FAX: (630) 515-1078

CONVERSATION RECORD

|TIME

|DATE

ACTUALLY FAXED? YES.

Jan. 8, 2010

NAME OF PERSON(S) CONTACTED

ORGANIZATION

TELEPHONE NO.

Renu Sharma, AMP for Crittendon Hospital

313-530-8051 (her cell)
Fax: 248-652-5159

SUBJECT

License No.: 21-13562-01

Control No.: 318530

SUMMARY

We have reviewed your letter dated September 28, 2009, requesting an amendment to your byproduct materials license and find that we need additional information as follows:

1. Please clarify whether you have already used the proposed area of use for storage of an HDR sealed source yet.
2. Please explain, in greater detail, specifically what the HDR storage situation is now, or has been and what it is that you are proposing to do, and why.
3. Please resubmit a clearer diagram of the proposed HDR storage room as the one submitted is confusing. Is the HDR storage area at the top of the page part of another diagram that was copied onto the lower part? Please focus on preparing a simple, hand-drawn diagram that clearly shows, in a larger font, the proposed HDR storage area, and all adjacent rooms/areas surrounding it. The font used in the original diagram is very tiny and difficult to read, especially as a facsimile.
4. It appears that there are two unrestricted area hallways directly opposite the east and north walls of the proposed HDR room. What is the room constructed of and is additional shielding warranted for the storage of the HDR source? If not, please explain why not.
5. While we appreciate the "close-out survey" that was performed on March 2, 2009, it would be best to submit a copy of the leak test for the most recently possessed HDR source, to demonstrate that it was not leaking at the time it was returned.
6. Please also explain why the room was closed-out on March 2, 2009, but the amendment request was not sent until late September 2009, almost 7 months later. Were you in possession of any HDR sources between March 2, 2009, and late September 2009?
7. It appeared that the close-out survey provided lacked some details. If you will rely upon the close-out survey, in lieu of the final leak test on the last HDR source, please

include the details noted in the guidance below, to ensure a complete survey is provided.

7. Please describe the security measures that will be provided for the ~~the~~ source in the proposed area of use.

Close-out Survey Guidance

We cannot authorize licensees to release the areas of use (excepting areas covered by 10 CFR 35.13(e), used for 10 CFR 35.100 and 35.200 materials only, and 35.14(b)(4)), or locations of use from licenses for unrestricted use (even by other members of their staff) until we have received and reviewed a copy of the results of decommissioning and close-out surveys for the facilities.

The final status survey must include a complete historical review of all actual licensed materials used, including sealed and unsealed sources, spills, and contamination. It should specify when and where the materials were used and how, when and by whom were the materials disposed of (shipped off site, decayed -in-storage, sanitary sewer disposal, etc.) or transferred (may be a future date).

Please respond by stating exactly which licensed materials were used at this location historically and please submit final status survey information covering those radioactive materials.

The final status survey should consist of exposure rate measurements to show that all sources of radioactive material have been removed, and contamination checks of areas where radioactive materials were used or stored. Average radiation levels associated with surface contamination and removable contamination should not exceed those specified in the decontamination guide being sent to you under separate cover.

Please also refer to section 15.5.3 in NUREG 1757, Vol. 1, Rev. 1, available on our website, for additional assistance.

Please submit the following information with your close-out survey:

- a. Diagrams of each facility with exposure rate survey and wipe test results keyed to specific locations, as appropriate.
- b. The name of the person performing the survey.
- c. The date the survey was performed.
- d. The instrument(s) used for exposure rate measurements and for analysis of the wipes.
- e. Background readings and each instruments' efficiency or correction factor.
- f. The date(s) that the survey instruments were last calibrated.
- g. The action levels for both exposure rate measurements and wipe tests. Include the identity of areas exceeding these levels, corrective actions taken and results of corrective actions taken.

We will be unable to continue processing your request until we receive this information. In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

ACTION REQUIRED

As we cannot issue an amendment at this time we are voiding this request in order to enable you to prepare a quality application without time constraints. This is done without prejudice to the resubmission of your request at a later date. Upon receipt of your response we will resume our review. Address your written response to my attention at the above address using the control number 318530 to facilitate proper handling.

PLEASE NOTE THAT A "VOID" IS AN ADMINISTRATIVE PROCEDURE THAT PUTS YOUR AMENDMENT REQUEST "ON HOLD" (TAKES IT OUT OF OUR ACTIVE CASEWORK DATABASE) UNTIL YOU REACTIVATE IT VIA SUBMISSION OF A WRITTEN RESPONSE. IT "BUYS" YOU TIME TO PREPARE A QUALITY RESPONSE AND IS OFTEN REGARDED AS A "GOOD THING."

PLEASE DIRECT ANY QUESTIONS YOU MAY HAVE TO ME AT (630) 829-9841 or (800) 522-3025, ext. 9841.

| NAME OF PERSON DOCUMENTING CONVERSATION | SIGNATURE | DATE | NA |
|---|--|-----------------|----|
| Colleen Carol Casey |  | January 8, 2009 | |



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
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Lisle, Illinois 60532-4352

TELEFAX TRANSMITTAL

DATE: 1/8/2010 NUMBER OF PAGES: 4
(including this page)

SEND TO: RENU SHARMA, M.S., AMP

LOCATION: CRITTENDON HOSPITAL

FAX NUMBER: 248-652-5159 **VERIFY BY CALLING SENDER**

FROM: COLLEEN CAROL CASEY
(SENDER)

TELEPHONE NUMBER: 630-829-9841 FAX NUMBER: 630-515-1078

If you do not receive the complete fax transmittal, please contact the sender as soon as possible at the telephone number provided above.

MESSAGE Please note - the fax no. you used to send this to us is wrong - Please use: "630-515-1078" FAX.

Thank you. Please call us if you have questions.
Colleen Carol Casey

NOTICE

This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this message is not the intended recipient or the employee responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately by telephone and return the original to the above address, by U.S. Mail. Thank you.