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) 829-9782 or (630) 515-1259

CONVERSATION RECORD | TIME | DATE

ACTUALLY FAXED? Yes. **March 9, 2006**

NAME OF PERSON(S) CONTACTED	ORGANIZATION	TELEPHONE NO.
J. Thomas Payne, Ph.D., RSO	for Abbott Northwestern Hospital	612-863-5171 fax: 612-863-4963

SUBJECT
License No.: 22-04588-01 Control No.: 315125

SUMMARY
We have reviewed your letters dated January 12, 2006, and January 27, 2006, requesting renewal of your byproduct materials license and find that we need additional information as follows:

1. Please specify total possession limits (including waste streams) for materials in 10 CFR 35.400 and 10 CFR 35.500.

2. No response item (probably) - I did some additional research, on a hunch, and was finally able to verify all of the sealed sources you listed in your letter dated January 12, 2006. However, several of them will appear on the renewed license with different vendors than you specified but that should not matter. The original companies changed ownership and/or names over time; the authorizations should still be valid for purposes of acquiring and continuing use of these sealed sources.

   One note - I found the I-125 Oncoseed Rapid Strand source under "Model 7000" instead of "Model 700," as written in Appendix A of the above letter. I assume "Model 7000" is the correct and intended designation and I shall use it to write up the renewal. If your intentions are different please advise me immediately.

3. The location of use at "8100 West 78th Street, Suite 120, Edina, Minnesota" also is referred to as "3100 West 78th Street...." on the diagram in your letter dated January 12, 2006. Please clarify which is correct.

4. The location of use at "8100 West 78th Street, Suite 120, Edina, Minnesota" is apparently no longer in use and you requested to have it deleted from the license at this time. However, no close-out survey was included in the above letter. Please submit the information requested as follows.

   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.)

Please respond by stating exactly which licensed materials were used at this location historically.

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 our decontamination guide, which I think you already have a copy of (if you do not have a copy and desire one, let me know immediately and I will get one to you). You may also wish to 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. Units of "mR/hour" and "dpm" should be used, or equivalent (note that "cpm" will not suffice).

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, as well as the radionuclide(s) used to determine the efficiency.

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.

5. Your letter dated January 12, 2006, requested authorization for germanium-68 for use in a PET scanner. However, germanium-68 is not an NRC-regulated material, it is state-controlled. Please withdraw all reference to germanium-68 in your response unless you can demonstrate that the germanium-68 source you will obtain is regulated by NRC as byproduct material, as defined in 10 CFR 30.

6. Please clarify the possession limit you wish to have for iodine-131 in 10 CFR 35.300. Your letter dated January 12, 2006, states "400 mCi" but in our telephone conversation today, March 9, 2006, you indicated that a possession limit of three curies would be more appropriate for your needs.

7. Please confirm that we should only list room 1930 for the HDR device and not room 1928 also, for the console/control panel. It is our policy to only list the room number where the source and device are used/stored.

8. Your letter dated January 12, 2006, requested increased flexibility, as a broad scope licensee, in several program elements. However, I could not find the required supporting information for these requested increased flexibility program elements in your letter. Please refer to NUREG 1556, Vol. 11's text for each program element where you requested increased flexibility and provide the required supporting information for each.

9. On the checklist submitted from NUREG 1556, Vol. 9, Rev.1, Table C.3, the box was left blank for HDR procedures in Item 9 (10 CFR 35.643). Please clarify your intentions in this section of the form.

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

Submit the requested information within 7 calendar days (by March 16,2006, or sooner, if at all possible) by referencing control number 315125 to facilitate proper handling. Upon receipt of your response we will resume our review. Address your written response to my attention at the above address.

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

NAME OF PERSON DOCUMENTING CONVERSATION	SIGNATURE	DATE
Colleen Carol Casey		March 9, 2006

NRC FORM 386 (RIII)
(4-2004)

UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 Warrenville Road, Suite 210
Lisle, Illinois 60532-4352

TELEFAX TRANSMITTAL

DATE: 3/9/06 NUMBER OF PAGES: 4
(including this page)

SEND TO: Tom Payne, Ph.D., RSO

LOCATION: Abbott Northwestern Hospital

FAX NUMBER: 612-863-4963 ☐ ***VERIFY BY CALLING SENDER***

FROM:
(SENDER) Colleen Carol Casey

TELEPHONE NUMBER: 630-829-9841 FAX NUMBER: 630-829-9782

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

MESSAGE

Please call me if you have question.

Thank you.

Colleen Carol Casey

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