



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION III  
2443 WARRENVILLE RD. SUITE 210  
LISLE, IL 60532-4352

August 19, 2016

Laura T. Smith, M.S., DABR  
Radiation Safety Officer  
Bronson Lakeview Hospital  
408 Hazen Street  
P.O. Box 209  
Paw Paw, MI 49079-0209

Dear Ms. Smith:

In the letter dated August 2, 2016, you requested to terminate your NRC License No. 21-26716-01. However, we have noted that no NRC Form 314, "Certificate of Disposition of Materials," was enclosed with that request. Accordingly, to adequately consider this request, the NRC needs additional specific information for review.

**For license termination, under 10 CFR 30.36(j), licensees are required to provide radioactive materials use history (including spills, if any), final materials disposition, and final radiation surveys (including area surveys, wipe tests, and leak tests).**

Specifically,

- (1) "Certify the disposition of all licensed material ... by submitting a completed NRC Form 314 or equivalent information; and
- (2) "Conduct a radiation survey of the premises where the licensed activities were carried out and submit a report of the results of this survey, unless the licensee demonstrates in some other manner that the premises are suitable for release in accordance with the criteria for decommissioning in 10 CFR part 20, subpart E. The licensee shall, as appropriate--
  - (i) "Report levels of gamma radiation in units of millisieverts (microrentgen) per hour at one meter from surfaces, and report levels of radioactivity, including alpha and beta, in units of megabecquerels (disintegrations per minute or microcuries) per 100 square centimeters--removable and fixed--for surfaces, megabecquerels (microcuries) per milliliter for water, and becquerels (picocuries) per gram for solids such as soils or concrete; and
  - (ii) "Specify the survey instrument(s) used and certify that each instrument is properly calibrated and tested."

L. Smith

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**Accordingly, your license termination cannot be approved until we receive (1) final materials disposition information specified on NRC Form 314, "Certificate of Disposition of Materials," and (2) final radiation surveys** of any areas where radioactive materials were used or stored under the license. In cases where licensees are unable to provide final disposition and area survey information due to the need to maintain continuous operations (as in a transfer of the facility to another NRC licensee such as Bronson Methodist Hospital, NRC License No. 21-13125-01), please provide a description of any radioactive materials to be retained at the licensee's facilities, under the other license. Please also provide the licensee's most recent survey results including area surveys (with background, detection efficiency, and survey instrument calibration information), wipe tests (with background and instrument information), and sealed source leak test results. For each survey, include the date on which the survey was completed and the name of the individual completing that survey. For your convenience, a copy of the Form 314 with instructions for completion is attached to this letter.

Please provide a written response to this letter by September 2, 2016. Your response should be dated and signed by authorized personnel. You may submit your response via facsimile to my attention at (630) 515-1078. Include the reference control number 591665 with your response. We will resume our review once we receive your response. If you have any questions, please do not hesitate to contact me at 630-829-9892 or [sara.forster@nrc.gov](mailto:sara.forster@nrc.gov).

Sincerely,

A handwritten signature in black ink that reads "Sara A. Forster". The signature is fluid and cursive, with the first name "Sara" and last name "Forster" clearly distinguishable.

Sara A. Forster, M.S.  
Health Physicist  
Materials Licensing Branch

License No. 21-26716-01  
Docket No. 030-34119

Enclosure: NRC Form 314, "Certificate of Disposition of Materials"

## CERTIFICATE OF DISPOSITION OF MATERIALS

PLEASE READ THESE INSTRUCTIONS BEFORE COMPLETING NRC FORM 314.

Subpart E of 10 CFR Part 20 establishes the radiological criteria for license terminations/decommissioning of facilities licensed under 10 CFR Parts 30, 40, 50, 60, 61, 70, and 72, as well as other facilities subject to the Commission's jurisdiction under the Atomic Energy Act of 1954, as amended, and the Energy Reorganization Act of 1974, as amended.

### INSTRUCTIONS

#### Section B, Item 2.

Licensees should describe the specific radioactive material transfer actions. If radioactive wastes were generated in terminating this license, the licensee should describe the disposal actions taken, including the disposition of low-level radioactive waste, mixed waste, greater-than-Class-C waste, and sealed sources.

#### Section B, Item 2.a.

The information provided concerning the transfer of radioactive material to another licensee should specify the date of the transfer, the name of the licensee recipient, an individual contact name and telephone number for the licensee recipient, and the recipient's NRC or Agreement State license number.

#### Section B, Item 2.b.

For disposal of radioactive materials, licensees should describe the specific disposal method or procedure (e.g., decay-in-storage). For those cases when radioactive materials are disposed of by a licensed disposal site or by a waste contractor, the licensee should specify the name, address, and telephone number of the licensed disposal site operator or waste contractor.

#### Section B, Item 2.c.

"Residual radioactivity," as defined in 10 CFR 20.1003, means radioactivity in 'areas' (structures, materials, soils, etc.) remaining as a result of activities (licensed and unlicensed) under the licensee's control from sources used by the licensee, excluding background radiation. ALARA is defined in 10 CFR 20.1003.

### FILE CERTIFICATES AS FOLLOWS:

#### IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND CERTIFICATES TO:

LICENSING ASSISTANT SECTION  
NUCLEAR MATERIALS SAFETY BRANCH  
U.S. NUCLEAR REGULATORY COMMISSION, REGION I  
2100 RENAISSANCE BOULEVARD, SUITE 100  
KING OF PRUSSIA, PA 19406-2713

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND CERTIFICATES TO:

MATERIALS LICENSING SECTION  
U.S. NUCLEAR REGULATORY COMMISSION, REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, IL 60532-4352

#### IF YOU ARE LOCATED IN:

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND CERTIFICATES TO:

MATERIAL RADIATION PROTECTION SECTION  
U. S. NUCLEAR REGULATORY COMMISSION, REGION IV  
1600 E. LAMAR BOULEVARD  
ARLINGTON, TX 76011-4511

**CERTIFICATE OF DISPOSITION  
OF MATERIALS**

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to Infocollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

LICENSEE NAME AND ADDRESS

LICENSE NUMBER

DOCKET NUMBER

LICENSE EXPIRATION DATE

**A. LICENSE STATUS (Check the appropriate box)**

- ☐ This license has expired. ☐ This license has not yet expired; please terminate it.

**B. DISPOSAL OF RADIOACTIVE MATERIAL**

*(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)*

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

- ☐ 1. No radioactive materials have ever been procured or possessed by the licensee under this license.
- ☐ 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.
- ☐ a. Transfer of radioactive materials to the licensee listed below:
- ☐ b. Disposal of radioactive materials:
- ☐ 1. Directly by the licensee:
- ☐ 2. By licensed disposal site:
- ☐ 3. By waste contractor:
- ☐ c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

**C. SURVEYS PERFORMED AND REPORTED**

- ☐ 1. A radiation survey was conducted by the licensee. The survey confirms:
- ☐ a. the absence of licensed radioactive materials
- ☐ b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.
- ☐ 2. A copy of the radiation survey results:
- ☐ a. is attached; or ☐ b. is not attached (Provide explanation); or ☐ c. was forwarded to NRC on: \_\_\_\_\_ Date \_\_\_\_\_
- ☐ 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and
- ☐ a. The results of the latest leak test are attached; and/or ☐ b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME	TITLE	TELEPHONE (Include Area Code)	E-MAIL ADDRESS

Mail all future correspondence regarding this license to:

**C. CERTIFYING OFFICIAL**  
**I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT**

PRINTED NAME AND TITLE	SIGNATURE	DATE

**WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.**

**Forster, Sara**

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**From:** Forster, Sara  
**Sent:** Friday, August 19, 2016 8:40 AM  
**To:** Smith, Laura T. Smith (Laura.Smith2@stjohn.org); 'lsphysics@att.net'  
**Subject:** FW: Additional Information Request for Bronson Lakeview Hospital Termination, NRC Lic. No. 21-26716-01, CN591665  
**Attachments:** NRC 314.pdf; 02121.591665.21-26716-01 Bronson Lakeview RFAI telecon.docx

Dear Ms. Smith:

I am responding to your August 2, 2016 letter regarding transferring the above-referenced license to another NRC licensee. Please see attached for additional information needed to complete our review including materials disposition information.

An electronic copy of the NRC Form 314 is attached for your convenience. Additional guidance may be found in NUREG 1556, Vol. 9, Rev. 2, "Program Program-Specific Guidance About Medical Use Licenses."

**Please provide a written response to this request within 14 days (by September 2, 2016).** Your response must be submitted via dated letter, signed by duly authorized personnel. Submission of your response as a pdf file attached to an email or via facsimile will allow for the quickest processing. Do not hesitate to call me with any questions you may have. Please also send a quick email when you receive this message, to confirm receipt, and let me know if you will need additional time to respond.

Sincerely yours,

Sara A. Forster, Health Physicist Licensing Reviewer  
U.S. Nuclear Regulatory Commission - Region III  
Division of Nuclear Materials Safety  
2443 Warrenville Rd. - Ste. 210  
Lisle, IL 60532-4352  
[sara.forster@nrc.gov](mailto:sara.forster@nrc.gov)  
Direct: (630) 829-9892  
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