



The University of South Dakota.

Slagle Hall 105  
Phone: 605-677-5370  
Fax 605-677-6387  
resoff@usd.edu

**OFFICE OF RESEARCH AND  
SPONSORED PROGRAMS**

July 16, 2008

RECEIVED

JUL 17 2008

DNMS

Roberto J. Torres, Acting Chief  
U.S. Nuclear Regulatory Commission, Region IV  
Division of Nuclear Materials Safety  
Nuclear Materials Safety, Branch B  
612 East Lamar Boulevard, Suite 400  
Arlington, TX 76011-4125  
**Attn: Licensing Assistant**

**Re: NRC License # 40-02331-19**

Dear Mr. Torres,

Enclosed please find a letter from Bob Grindley, Radiation Safety Officer (RSO) at The University of South Dakota, indicating that he will step down from that position as soon as approval is received from the U.S. NRC for me to become the RSO. Mr. Grindley will resign his full time appointment at the university on July 31, 2008, and be retained on consultant status for RSO responsibilities for as long as needed after that date.

Also enclosed is evidence of my qualifications to serve as RSO. These qualifications include:

- BS and MS in biology, and PhD in oncology
- Instruction in nuclear physics and health risks of radiation as part of doctoral oncology curriculum
- 27 years as authorized user of radionuclides, including 17 years as permit holder (head of research laboratory)
- 13 years as full member of Radionuclide Radiation Safety and Radioactive Drug Research Committees at Indiana University (Indianapolis)

The Radiation Safety Office at Indiana University-Purdue University Indianapolis has provided a letter (also enclosed) to document my service on radiation safety committees at that institution, and the nature of training provided to me as a permit holder and authorized user.

Thank you for your attention to our request for change in RSO. We will effect this change immediately upon receipt of approval from NRC. Please contact me if you have questions or require additional information.

Sincerely,

Laura J. Jenski, Ph.D.  
Vice President for Research

No 4 7 1 8 7 0



The University of South Dakota.

Slagle Hall 105  
Phone: 605-677-5370  
Fax 605-677-6387  
resoff@usd.edu

**OFFICE OF RESEARCH AND  
SPONSORED PROGRAMS**

July 14, 2008

Roberto J. Torres  
Acting Chief  
U. S. Nuclear Regulatory Commission, Region IV  
Division of Nuclear Materials Safety  
Nuclear Materials Safety, Branch B  
612 East Lamar Boulevard, Suite 400  
Arlington, Texas 76011-4125

**License No. 40-02331-19**

SUBJECT: LICENSE AMENDMENT

Please amend the following change of RSO responsibilities.

I will be resigning my position as Director of Environmental Health and Safety at The University of South Dakota on July 30<sup>th</sup>, 2008.

Dr. Laura Jensi, Vice President for Research, will be submitting to your office evidence of all necessary qualifications and experience for her appointment as the new RSO. In the interim, I will continue as RSO through a consultant contract with the university, until the date the new RSO is approved.

Best regards,

Bob Grindley, B.A.CHCM.CHS.CHSP  
Director, Environmental Health and Safety  
Risk Management/RSO  
The University of South Dakota  
414 East Clark Street  
Vermillion, SD 57069

**LAURA J. JENSKI**

Office of Research & Sponsored Programs  
The University of South Dakota  
414 E. Clark Street  
Vermillion, SD 57069

Phone: (605) 677-5370  
Fax: (605) 677-6387  
Email: [laura.jenski@usd.edu](mailto:laura.jenski@usd.edu)

**EDUCATION**

Ph.D. (Oncology), University of Wisconsin, Madison, WI.  
M.S. (Biology), Northern Illinois University, DeKalb, IL  
B.S. (Magna cum laude), Northern Illinois University, DeKalb, IL (Major: Biology; Minor: Chemistry)

**PROFESSIONAL APPOINTMENTS**

Vice President for Research and Professor of Biology, The University of South Dakota, 2005-present.  
Professor and Head of Biological Sciences, and EPSCoR<sup>1</sup> Coordinator, Marshall University (2000-5)  
At Indiana University-Purdue University at Indianapolis (IUPUI):  
Professor of Biology, (1995-2000)  
Associate Chair of Biology (1996-2000)  
Member of the Indiana University Cancer Center (NCI-designated Cancer Center)  
Graduate Faculty in the Indiana University Graduate Program in Biophysics  
Associate Professor of Biology (1991-95)  
Assistant Professor of Biology (1987-91)  
Research Associate (faculty rank) in Hematology/Oncology, Children's Hospital Medical Center; Adjunct  
Assistant Professor of Pediatrics, University of Cincinnati (1983-87)

**OTHER RESEARCH EXPERIENCE**

Leukemia Society of America, Inc. Postdoctoral Fellow, University of Wisconsin (1981-83)  
Postdoctoral trainee in Immunobiology, University of Wisconsin (1980-1)

**ADDITIONAL QUALIFICATIONS AS RADIATION SAFETY OFFICER**

Indiana University (Indianapolis) Radionuclide Radiation Safety and Radioactive Drug Research  
Committees; active member, 1987-2000  
Approved permit to use radionuclides (as principal investigator/director of research laboratory):  
Indiana University (Indianapolis), 1987-2000  
Children's Hospital Research Foundation, Cincinnati; 1983-87  
Authorized user of radionuclides (as postdoctoral fellow and graduate student):  
University of Wisconsin – Madison, 1975-83  
Northern Illinois University, 1973-75

**DIRECT EXPERIENCE WITH USE OF RADIONUCLIDES IN RESEARCH**

Beta emitters: <sup>3</sup>H, <sup>14</sup>C, <sup>32</sup>P, <sup>35</sup>S, <sup>45</sup>Ca  
Gamma emitters: <sup>125</sup>I, <sup>111</sup>In, <sup>51</sup>Cr  
Sources: <sup>137</sup>Cs, irradiation of cultured cells and of laboratory mice.  
Instrumentation: Geiger counter, scintillation counter, gamma counter, irradiator (<sup>137</sup>Cs)

<sup>1</sup> EPSCoR, Experimental Program to Stimulate Competitive Research.  
See: <http://www.nsf.gov/od/oia/programs/epscor/about.jsp>



## INDIANA UNIVERSITY

OFFICE OF RESEARCH ADMINISTRATION

Radiation Safety - Indianapolis

July 16, 2008

To Whom It May Concern:

This letter serves as documentation of the radiation safety training and experience of Dr. Laura Jenski from 1987 to 2000 while employed by Indiana University. Dr. Jenski applied for a Radionuclide Use Permit in February 1987. Since she had extensive training and experience at the University of Wisconsin-Madison, she did not need to attend the Radiation Safety Course at our institution. She was required to read and follow all policies and procedures in our **Radiation Safety Procedures Manual**, including changes and updates over the years.

In addition to her training, Dr. Jenski gained radiation safety experience working with a wide range of radionuclides most commonly used in research (e.g,  $^3\text{H}$ ,  $^{14}\text{C}$ ,  $^{35}\text{S}$ ,  $^{32}\text{P}$ ,  $^{125}\text{I}$ ,  $^{51}\text{Cr}$ , etc.). She has experience with not only detecting and shielding these various nuclides, but also with handling volatile chemical forms, such as  $^{125}\text{I}$  NaI .

Dr. Jenski served as committee member of the both the Radionuclide Radiation Safety Committee and the Radioactive Drug Research Committee. Her service and input were greatly appreciated.

Overall, Dr. Jenski demonstrated a firm grasp of radiation safety concepts as well as a respect for compliance. If you have any questions or need additional information, please do not hesitate to contact me or another member of this office.

Sincerely,

Katherine Haldeman, Asst. Radiation Safety Officer  
Office of Research Administration  
Indiana University  
541 Clinical Dr. Room 159  
Indianapolis, IN 46202-5111  
(317) 274-4797  
[khaldema@iupui.edu](mailto:khaldema@iupui.edu)

## ACCEPTANCE REVIEW MEMO (ARM)

Licensee: South Dakota, University of License No.: 40-02331-19  
Docket No.: 030-15186 Mail Control No.: 471870  
Type of Action: Amend Date of Requested Action: 07-16-08  
Reviewer Assigned: ARM reviewer(s): Torres

Response	Deficiencies Noted During Acceptance Review
	<input type="checkbox"/> Open ended possession limits. Submit inventory. Limit possession. <input type="checkbox"/> Submit copies of latest leak test results. <input type="checkbox"/> Add IC L.C./Fingerprint LC, add SUNSI markings to license. <input type="checkbox"/> Confirm with licensee if they have NARM material.

Reviewer's Initials: \_\_\_\_\_ Date: \_\_\_\_\_

- ☐ Yes ☐ No Request for unrestricted release Group 2 or >. Consult with Bravo Branch.  
☐ Yes ☐ No Termination request < 90 days from date of expiration  
☐ Yes ☐ No Expedite (medical emergency, no RSO, location of use/storage not on license, RAM in possession not on license, other)  
☐ Yes ☐ No TAR needed to complete action.

Branch Chief's and/or HP's Initials: \_\_\_\_\_ Date: \_\_\_\_\_

### SUNSI Screening according to RIS 2005-31

☐ Yes ☒ No Sensitive and Non-Publicly Available if any item below is checked

General guidance:

- \_\_\_\_\_ RAM = or > than Category 3 (Table 1, RIS 2005-31), use Unity Rule  
\_\_\_\_\_ Exact location of RAM [suite #, bldg. #, location different from mailing address]  
(whether = or > than Category 3 or not)  
\_\_\_\_\_ Design of structure and/or equipment (site specific)  
\_\_\_\_\_ Information on nearby facilities  
\_\_\_\_\_ Detailed design drawings and/or performance information  
\_\_\_\_\_ Emergency planning and/or fire protection systems

Specific guidance for medical, industrial and academic (above Category 3):

- \_\_\_\_\_ RAM quantities and inventory  
\_\_\_\_\_ Manufacturer's name and model number of sealed sources & devices  
\_\_\_\_\_ Site drawings with exact location of RAM, description of facility  
\_\_\_\_\_ RAM security program information (locks, alarms, etc.)  
\_\_\_\_\_ Emergency Plan specifics (routes to/from RAM, response to security events)  
\_\_\_\_\_ Vulnerability/security assessment/accident-safety analysis/risk assess  
\_\_\_\_\_ Mailing lists related to security response

Branch Chief's and/or HP's Initials: RTT Date: JUL 21 2008

JUL 25 2008

DATE

This is to acknowledge the receipt of your letter/application dated 7-16-08, and to inform you that the initial processing, which includes an administrative review, has been performed.

☒ There were no administrative omissions. Your application will be assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

☐ Please provide to this office within 30 days of your receipt of this card:

The action you requested is normally processed within 90 days.

☐ A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 471870.  
When calling to inquire about this action, please refer to this mail control number.  
You may call me at 817-860-8103.

Sincerely,



Licensing Assistant

BETWEEN:

License Fee Management Branch, ARM  
and  
Regional Licensing Sections

: (FOR LFMS USE)  
: INFORMATION FROM LTS  
: -----  
:  
: Program Code: 03611  
: Status Code: 0  
: Fee Category: EX 3L 1D  
: Exp. Date: 20140930  
: Fee Comments: 170.11(A)(4)  
: Decom Fin Assur Reqd: Y  
: ::::::::::::::::::::::::::::::::::::::

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: SOUTH DAKOTA, UNIVERSITY OF  
Received Date: 20080717  
Docket No: 3015186  
Control No.: 471870  
License No.: 40-02331-19  
Action Type: Amendment

2. FEE ATTACHED

Amount: \_\_\_\_\_  
Check No.:       /      

3. COMMENTS

Signed Colleen Murrain  
Date 7-21-08

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /\_/)

1. Fee Category and Amount: \_\_\_\_\_

2. Correct Fee Paid. Application may be processed for:

Amendment \_\_\_\_\_  
Renewal \_\_\_\_\_  
License \_\_\_\_\_

3. OTHER \_\_\_\_\_  
\_\_\_\_\_

Signed \_\_\_\_\_  
Date \_\_\_\_\_

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Number

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**1 From** This portion can be removed for Recipient's records.

Date 7-16-08 FedEx Tracking Number 862584799089

Sender's Name THE UNIVERSITY OF CHICAGO Phone 773-936-3171

Company THE UNIVERSITY OF CHICAGO

Address 5408 S. MICHIGAN AVE. 2ND FL.

City CHICAGO State IL ZIP 60637

**2 Your Internal Billing Reference**

**3 To** Recipient's Name US MAIL Phone 773-936-3171

Company US MAIL

Recipient's Address 5408 S. MICHIGAN AVE. 2ND FL.

Address 5408 S. MICHIGAN AVE. 2ND FL.

City CHICAGO State IL ZIP 60637



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**Recipient's Copy**

**4a Express Package Service**

☒ **FedEx Priority Overnight** Next business morning, 1 Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.  
☐ **FedEx Standard Overnight** Next business afternoon, Saturday Delivery NOT available.  
☐ **FedEx First Overnight** Earliest next business morning delivery to select locations. Saturday Delivery NOT available.  
☐ **FedEx 2Day** Second business day, Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.  
☐ **FedEx Express Saver** Third business day, Saturday Delivery NOT available.  
FedEx Envelope rate not available. Minimum charge: One-pound rate.

**4b Express Freight Service**

☐ **FedEx 1Day Freight\*** Next business day, Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.  
☐ **FedEx 2Day Freight** Second business day, Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.  
☐ **FedEx 3Day Freight** Third business day, Saturday Delivery NOT available.

\* Call for Confirmation. \*\* To most locations.

**5 Packaging**

☐ **FedEx Envelope\*** Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.  
☐ **FedEx Pak\*** Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.  
☐ **FedEx Box**  
☐ **FedEx Tube**  
☐ **Other**  
\* Declared value limit \$500.

**6 Special Handling**

☐ **SATURDAY Delivery** Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.  
☐ **HOLD Weekday at FedEx Location** Not available for FedEx First Overnight.  
☐ **HOLD Saturday at FedEx Location** Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.  
☒ **No** ☐ **Yes** As per attached Shipper's Declaration ☐ **Yes** Shipper's Declaration not required.  
☐ **Dry Ice** Dry ice, 9 UN 1845 x kg  
Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. ☐ **Cargo Aircraft Only**

**7 Payment:** Bill to: Enter FedEx Acct. No. or Credit Card No. below.  
☒ **Sender** Acct. No. in Section 1 will be billed. ☐ **Recipient** ☐ **Third Party** ☐ **Credit Card** ☐ **Cash/Check**  
Obtain Recip. Acct. No.

Total Packages 1 Total Weight 1.0 Credit Card Auth.

Your liability is limited to \$100 unless you declare a higher value. See the current FedEx Service Guide for details.

**8 Residential Delivery Signature Options**

If you require a signature, check Direct or Indirect.  
☐ **No Signature Required** Package may be left without obtaining a signature for delivery.  
☐ **Direct Signature** Someone at recipient's address may sign for delivery. Fee applies.  
☐ **Indirect Signature** If no one is available at recipient's address, someone at a neighboring address may sign for delivery. Fee applies.

519

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