



The University of South Dakota.
FACILITIES MANAGEMENT

May 7, 2009

RECEIVED
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DNMS

U.S. Nuclear Regulatory Commission, Region IV
Division of Nuclear Materials Safety
Nuclear Materials Safety, Branch B
612 East Lamar Blvd., Suite 400
Arlington, TX 76011-4125

Re: Amendment Request, License # 40-02331-19

Dear Sirs:

This is a request to add an additional nuclide to the University of South Dakota's license.

In an old cabinet I came across an old Nuclear-Chicago Electron Capture Detector (ECD). Likely this was obtained under a general license, but the machine was disposed of long ago. The specifics on the source are that it is an Ionization Cell Model 5125 which contains 10 mCi of Nickel 63 with a (fabrication) date of 11-70.

Because the source will ultimately be disposed via transfer to an authorized licensee or as radioactive waste, it is still "in storage, awaiting disposal."

Do you happen to have this source on your list of ECD sources obtained under a general license? I recall that Nuclear-Chicago was part of Searle and later Packard Instruments and then Canberra. If you have this make / model listed as being under a general license, who is the current owner of the company?

If you have any questions about this, please call me at 605-677-6265 or eMail me (ronald.bresell@usd.edu).

Ronald R. Bresell
Director, Environmental Health & Safety
Radiation Safety Officer

ACCEPTANCE REVIEW MEMO (ARM)

Licensee: University of South Dakota **License No.:** 030-15186
Docket No.: 030-15186 **Mail Control No.:** 472249
Type of Action: Amend **Date of Requested Action:** 5/07/09
Reviewer Assigned: **ARM reviewer(s):** Torres

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

Reviewer's Initials: _____ **Date:** _____

<input type="checkbox"/> Yes	<input type="checkbox"/> No	Request for unrestricted release Group 2 or >. Consult with Bravo Branch.
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Termination request < 90 days from date of expiration
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Expedite (medical emergency, no RSO, location of use/storage not on license, RAM in possession not on license, other)
<input type="checkbox"/> Yes	<input type="checkbox"/> 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: RT **Date:** 5-20-09

5-27-09
DATE

This is to acknowledge the receipt of your letter/application dated 5-07-09, 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 other 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** 472249.
When calling to inquire about this action, please refer to this mail control number.
You may call me at 817-860-8103.

Sincerely,
Colleen Murnahan
Licensing Assistant

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

: (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
: Program Code: 01110
: 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: 20090511
Docket No: 3015186
Control No.: 472249
License No.: 40-02331-19
Action Type: Amendment

2. FEE ATTACHED

Amount: _____
Check No.: /

3. COMMENTS

Signed Colleen Murnahan
Date 5-14-09

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 _____



The University of South Dakota.
414 EAST CLARK STREET
VERMILION, SD 57069-2390

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US NRC, Region IV
DIVISION of NUCLEAR MATERIAL SAFETY
Nuclear Material Safety, BRANCH B
612 EAST LAMAR BLVD., SUITE 400
ARLINGTON, TX 76011-4125

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