

## ACCEPTANCE REVIEW MEMO (ARM)

Licensee: Sioux Valley Clinic

License No.: 40-26865-01

Docket No.: 030-29708

Mail Control No.: 471269

Type of Action: Amend

Date of Requested Action: 02-14-07

Reviewer Assigned:

ARM reviewer(s): Torres

Response	Deficiencies Noted During Acceptance Review
	<input type="checkbox"/> Open ended possession limits. Limit possession. Submit inventory. <input type="checkbox"/> Submit copies of most recent leak test results. <input type="checkbox"/> Add - delete IC license condition. Add IC paragraph in cover letter. <input type="checkbox"/> Split license from cover letter. Add SUNSI marking to license. <input type="checkbox"/> Ask the licensee if they have any type-amount of EPAct Material.

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

Date: \_\_\_\_\_

- RTC*
- Yes  No Unrestricted release Group 2 or >: Transfer memo to FCDB within 10 days.
  - Yes  No Decommissioning notification should be completed within 30 days.
  - 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 Sr. HP's Initials: \_\_\_\_\_

Date: \_\_\_\_\_

### SUNSI Screening according to RIS 2005-31

Yes  No **Non-Publicly Available, Sensitive** 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 (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 Sr. HP's Initials: *RTC*

Date: 2/16/07

## Pre-Licensing Screening

### Applicant Information:

Control No. 471269

Name: Sioux Valley Clinic	Type of Request: Amend Program Code(s):	
Location: SD	License No.: 40-26865-01	Docket No.: 030-29708

### STEP 1—Radioactive Materials and Quantities Requested:

<b>Instructions for Step 1: Complete Step 1 for all applications.</b> If all your responses in Step 1 are "No" then do not complete Step 2 (Screening Criteria). Sign and date the completed step-sheet and add it as the sensitive and non-publicly available OAR in ADAMS. If a "yes" response is indicated for any item in Step 1, also complete Step 2. If the type of use is subject to a Security Order or the requirements for increased controls, complete Step 3 (Item A or Item B) without delay.	Yes or No
A. The request is from a new applicant.	N
B. NUREG-1556, Volume 20, Section 4.9 indicates a licensing site visit is needed for the requested type of use, e.g., (1) Type A broad scope license, (2) panoramic irradiator containing > 10000 curies, (3) manufacturers or distributors using unsealed radioactive material or significant quantities of sealed material, (4) radioactive waste brokers, (5) radioactive waste incinerators, (6) commercial nuclear laundries, and (7) any other application that in the judgement of the reviewer and cognizant supervisor involves complex technical issues, complex safety questions, or unprecedented issues that warrant a site visit.	N
C. The applicant requested certain radionuclides and quantities that equal or exceed the Risk Significant Quantity (TBq) values in the table, below, that have been "highlighted" by the reviewer	N

### Table of Risk Significant Quantities

(Category 2 Quantities, IAEA Safety Guide No. RS-G-1.9, Categorization of Radioactive Sources, August 2005)

Radionuclide	Risk Significant Quantity (TBq <sup>1</sup> )	Risk Significant Quantity (Ci <sup>1</sup> )	Radionuclide	Risk Significant Quantity (TBq <sup>1</sup> )	Risk Significant Quantity (Ci <sup>1</sup> )
Am-241	0.6	16	Pm-147	400	11,000
Am-241/Be	0.6	16	Pu-238	0.6	16
Cf-252	0.2	5.4	Pu-239/Be	0.6	16
Cm-244	0.5	14	Ra-226 <sup>2</sup>	0.4	11
Co-60	0.3	8.1	Se-75	2	54
Cs-137	1	27	Sr-90 (Y-90)	10	270
Gd-153	10	270	Tm-170	200	5,400
Ir-192	0.8	22	Yb-169	3	81

<sup>1</sup> The primary values are TBq. The curie (Ci) values are for informational purposes only.  
<sup>2</sup> The Atomic Energy Act, as amended by the Energy Policy Act of 2005, authorizes NRC to regulate Ra-226 and NRC is in the process of amending its regulations for discrete sources of Ra-226.

Calculations of the Total Activity or the Unity Rule are attached to document whether or not the screening criteria in Step 2 were also completed to evaluate the application. <b>NOTE—If an amendment of an existing license is being requested, the calculations will include the previously authorized quantities for the radionuclide(s).</b>	Yes, No, or Not Applicable (NA)
Total Activity—multiple activities are requested for a single radionuclide and the sum of the activities equals or exceeds the quantity of concern for the radionuclide	—
Unity Rule—multiple radionuclides are requested and the sum of the ratios equals or exceeds unity, e.g., [(total activity for radionuclide A) + (risk significant quantity for radionuclide A)] + [(total activity for radionuclide B) + (risk significant quantity for radionuclide B)] ≥ 1.0.	—

### Signature and Date for Step 1:

RHC 2-16-07

License Reviewer and Date



1305 W 18TH ST  
PO BOX 5039  
SIOUX FALLS SD 57117-5039  
Phone: (605) 333-1000  
[www.sanfordhealth.org](http://www.sanfordhealth.org)

February 14, 2007

Via FAX 1.817.860.8263

U.S. Nuclear Regulatory Commission, Region IV  
Nuclear Materials Licensing Branch  
Attn: James L. Montgomery  
611 Ryan Plaza Drive, Suite #400  
Arlington, TX 76011

Dear Mr. Montgomery:

*RLC*  
We request an amendment to NRC License Number 40-26865-01 for a licensee name change. On February 3, 2007 a press release announced that the Sioux Valley Board of Trustees had voted to re-name the Sioux Valley Hospitals and Health System and all operating components. The new name for Sioux Valley Clinic is Sanford Clinic.

Under the direction of NUREG-1556, Volume 9, Revision 1, Appendix G, we hereby notify the NRC of the name change. The name change does not involve a sale or transfer of control. All of the licensee personnel, existing policies and procedures, the existing Sioux Valley Hospitals and Health System executive structure and Board of Trustees are retained. There are no changes in facilities or equipment where radioactive materials are used under NRC license. All surveys and records necessary for decommissioning are being maintained and are still in possession of the licensee. Only the name has changed.

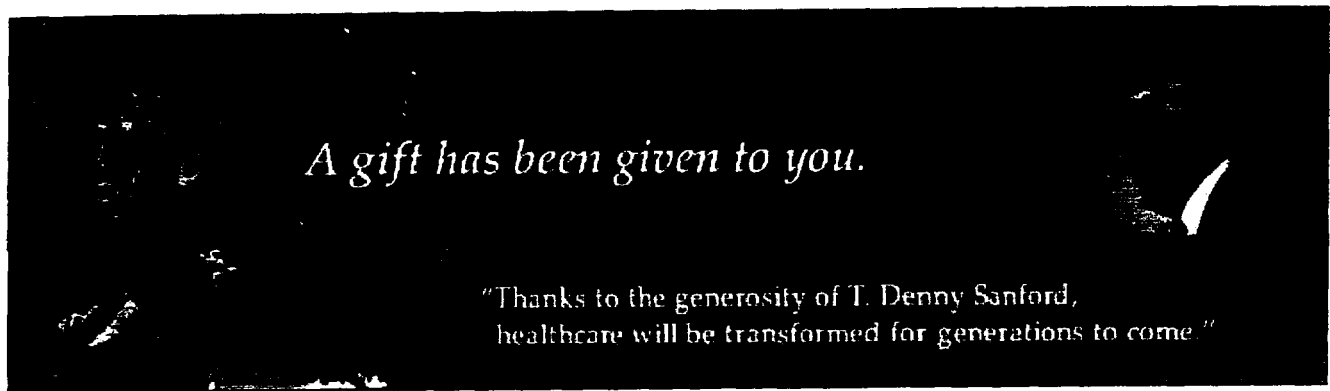
Thank you for your attention to this matter. Do not hesitate to contact me if there are any questions at 605-328-6949.

Sincerely,

David Danielson, JD, CPA  
Executive Vice President  
Sanford Clinic

Cc: Fred Lovrien, M.D.  
Radiation Safety Officer

*Improving the Human Condition*



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## Sanford News

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2/3/2007

### Sanford Provides Gift To Improve The Human Condition

#### \$400 MILLION IS LARGEST GIFT EVER TO HEALTHCARE ORGANIZATION

SIoux FALLS, SD – South Dakota businessman Denny Sanford has set a new standard in healthcare philanthropy with an unprecedented gift of \$400 million to Sioux Valley Hospitals & Health System. To acknowledge the expansion and enhancement of its mission as a result of the initiatives made possible by Mr. Sanford's gift, the Sioux Valley Board of Trustees unanimously voted to re-name the healthcare system Sanford Health.

"We are grateful for Mr. Sanford's continued support of what we can accomplish in the years ahead and his confidence in our ability to achieve extraordinary outcomes," said Kelby Krabbenhoft, Sanford Health President and CEO. "As the region's leading healthcare system, we will continue to focus on providing the highest level of patient care and the expansion of medical services. Mr. Sanford's generosity will have broad and lasting benefits to healthcare and medical research not only here in our region, but throughout the United States and beyond."

**As part of the transformational announcement, Sanford Health announced it will use the \$400 million to fund several initiatives:**

- **Investment in Children** will establish five Sanford Pediatric Clinics across the country and will be fully integrated and linked with the facilities, programs, services and pediatric specialists at the Sanford Children's Hospital;
- **Sanford Research/USD** (formerly South Dakota Health Research Foundation) will expand its five research institutes and create the Sanford Pediatric Research Institute to focus on the health research needs of children;
- **The Sanford Project** will convene a blue ribbon commission of leading experts to identify the most promising area for focused medical research on one pressing healthcare issue; and then assemble top scientists to undertake that specific research project, using Mr. Sanford's funds to demonstrate capability and success that will attract funds from sources such as the National Institutes of Health;
- **Sanford Healthcare Campus of the Future** will implement a new approach to healthcare campus and facility design supporting the expansive healthcare services, medical research and educational activities of the system. Over time, more than 20 separate specialized facilities will be built around a world class

THE GIFT



THE SANFORD INITIATIVES



ABOUT SANFORD



FIND A PHYSICIAN



medical center in Sioux Falls.

"I am pleased to make a gift with the potential to have a lasting, positive impact on the health and well-being of children and adults in South Dakota and throughout the country," said Sanford. "South Dakota and its great people have been instrumental in my business and personal success. I'm at a time in my life where I want to do something significant to honor and reward their contributions. I am very honored to have Sanford Health as a vehicle I can depend on to achieve significant advances in healthcare services and medical research that improve their lives and the lives of their descendents for generations to come. I can think of no better investment than to financially empower those who have ably demonstrated their ability to set high goals and achieve them."

Sanford is CEO of United National Corporation, First Premier Bank, and Premier Bankcard, headquartered in Sioux Falls.

In 2005, the 71-year-old businessman ranked 14th on the *Chronicle of Philanthropy's* list of America's Most-Generous Donors. Mr. Sanford has given more than \$70.5 million to U.S. charitable causes, including \$20-million to Sioux Valley Hospitals & Health System for use in expansion projects involving the University of South Dakota's School of Medicine. In 2006, Mr. Sanford was named to Business Week's list of 50 most generous philanthropists.

Sanford also completed a gift of \$16 million to support construction of Sanford Children's Hospital, scheduled to open on the Sioux Falls campus in 2009. He gave \$15 million to a joint program between Sanford Children's Hospital in Sioux Falls and the Mayo Foundation, in Rochester, MN to address pediatric care.

His longstanding relationship with Sioux Valley, its visionary leadership and substantial organization played a key role in making this current gift a reality.

"Now is the time to set things in motion that can truly make a difference in people's lives," Sanford said. "My greatest desire is that this gift will create and sustain a momentum that results in major healthcare innovations and improvements in the human condition for generations to come."

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Sanford Health's comprehensive, integrated system includes more than 340 physicians in 115 clinics, 24 hospitals, 13 nursing homes, 17 assisted living facilities and congregate living locations, 27 home health services and 19 pharmacies. With some 12,000 employees, Sanford Health is the largest employer in the region. Its primary 500-bed nonprofit tertiary care hospital in Sioux Falls, SD, serves an average of more than 50,000 inpatients annually. With more than a million outpatient visits each year, Sanford Health has served the 60,000 square mile, four-state region of South Dakota, Iowa, Minnesota and Nebraska for over 110 years. Sanford Health is the largest healthcare system between Mayo Clinic in Rochester, MN, and Denver, CO. Its divisions include Sanford USD Medical Center, Sanford Clinic, Sanford Regional Health, Sanford Health Plan and Sanford Health Foundation.

## Learn More About Sanford Health

- [The Gift](#)
- [Sanford Initiatives](#)
- [About Sanford](#)
- [Facts & History](#)
- [About Sioux Falls](#)
- [Biographies](#)
- [Press Kits](#)
- [FAQs](#)
- [Reporter Resources](#)

FEB 20 2007

DATE

This is to acknowledge the receipt of your letter/application dated 02-14-07, 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:

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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** 471269.  
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: 02120  
Status Code: 0  
Fee Category: 7C  
Exp. Date: 20090131  
Free Comments:  
Decom Fin Assur Req'd: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED  
Applicant/Licensee: SIOUX VALLEY CLINIC  
Received Date: 20070215  
Docket No: 3029708  
Control No.: 471269  
License No.: 40-26865-01  
Action Type: Amendment

2. FEE ATTACHED

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

3. COMMENTS

Signed *Colleen Myranda*  
Date 08-15-09

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 \_\_\_\_\_