

ACCEPTANCE REVIEW MEMO (ARM)

Licensee: Cassia Regional Medical Center **License No.:** 11-27393-01
Docket No.: 030-32333 **Mail Control No.:** 471346
Type of Action: Amend **Date of Requested Action:** 04-17-07
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:** _____

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: RTZ **Date:** 4-26-07

Pre-Licensing Screening

Applicant Information:

Control No. 471346

Name: Cassia Regional Medical Center	Type of Request: Amend Program Code(s):
Location: ID	License No.: 11-27393-01 Docket No.: 030-32333

STEP 1—Radioactive Materials and Quantities Requested:

<p>Instructions for Step 1: Complete Step 1 for all applications. 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.</p>	Yes or No
A. The request is from a new applicant.	No
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.	No
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	No

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) ¹	Risk Significant Quantity (Ci) ¹	Radionuclide	Risk Significant Quantity (TBq) ¹	Risk Significant Quantity (Ci) ¹
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 ²	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

¹ The primary values are TBq. The curie (Ci) values are for informational purposes only.
² 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.

<p>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. NOTE—If an amendment of an existing license is being requested, the calculations will include the previously authorized quantities for the radionuclide(s).</p>	Yes, No, or Not Applicable (NA)
<p>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</p>	—
<p>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.</p>	—

Signature and Date for Step 1:

[Handwritten Signature] 4-26-07
 License Reviewer and Date



April 17, 2007

U.S. NRC Region IV
Texas Health Resources Tower
611 Ryan Plaza, Suite 400
Arlington, TX 76011-4005

RECEIVED

APR 23 2007

DNMS

RE: CASSIA REGIONAL MEDICAL CENTER
License number 11-27393-01 Amendment Request to Change RSO

Dear Sir or Madam:

Please find enclosed the application of Lisa M. Bosworth. for the Radiation Safety Officer. We are requesting that his application be reviewed and approved to replace Jeffery L. Johnson who is currently named on our license as the Radiation Safety Officer.

If you have any questions or require additional information, please contact Margie Lopez at 208-677-6514 or Lisa Bosworth, our consultant at 208-860-6260.

Please note the following items.

1. Attached are the NRC Form 313A and Master's Degree diploma for Ms. Bosworth to document her training and experience. In addition, the Utah RAM License No. UT 2700419 for IHC Southwest Cardiology has been included for your reference. Ms. Bosworth is currently the RSO at this facility.
2. Attached is the RSO Letter of Understanding for the facility written by Executive Management to Ms. Bosworth. The letter has been signed by Ms. Bosworth and me. Also, a copy of the RSO authority, duties and responsibilities document has been included.

In order to provide you with information regarding our consultant Radiation Safety Officer, please note the following items.



3. For the description of the control over the radiation safety programs, please see the attached RSO authority, duties and responsibilities document listed above. Ms. Bosworth, the Consultant RSO, will be able to exercise her authority over authorized users when confronted with radiation safety problems that require implementation of corrective actions.
4. For the description of the relationship that will exist between the Consultant RSO and our institutions' management regarding expenditure of funds to facilitate the objectives of our RAM licensees' radiation safety programs and related regulatory requirements, please see the attached RSO authority, duties and responsibilities document listed above. As stated in the document, the Consultant RSO, Ms. Bosworth, shall have the resources (which includes funds) to execute her authority, duties, and responsibilities over the radiation safety programs.
5. Ms. Bosworth shall, at least, visit the Nuclear Medicine Department on a quarterly basis to review the Radiation Protection Program and to ensure compliance with UDRC/NRC regulations. She also visits the facility at other times during the year when she inspects the x-ray producing equipment. The Consultant RSO will be available and on-site when necessary.
6. The Consultant RSO's overall availability to respond to questions or operational issues that arise during the conduct of Intermountain Cassia Regional Medical Center's radiation safety program and related regulatory requirements will be 24 hours per day, 7 days per week. Medical Physics Consultants, Inc., Ms. Bosworth's employer, has an 800 number through which she can be contacted at any time. Part of the consultant RSO agreement with MPC includes unlimited phone consultation to address any operational issues or questions. The maximum amount of time that it could take the Consultant RSO to arrive at the facility in case of an emergency requiring her presence is 24 hours.

Please contact our consulting physicist/RSO, Lisa Bosworth at 208-860-6260 or Margie Lopez, Radiology Supervisor at 208-677-6514, if you require additional information or have questions concerning the application. Thank you for your cooperation and attention in this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "K...".

Executive Management



CASSIA REGIONAL MEDICAL CENTER

A Service of Intermountain Health Care

1501 Hiland Avenue
Burley, Idaho 83318
(208) 678-4444

April 17, 2007

U.S. NRC Region IV
Texas Health Resources Tower
611 Ryan Plaza, Suite 400
Arlington, TX 76011-4005

Materials Licensing Branch

RE: Temporary Radiation Safety Officer Designation for License number 11-27393-01 Cassia Regional Medical Center

Dear Sir or Madame,

The Radiation Safety Officer currently named on our license, Jeffrey L. Johnson, is no longer employed at our facility therefore we are identifying Dr. Fredrick B. Fitts as the temporary RSO as per 10 CFR35.24(c). Enclosed you will also find an amendment request identifying our permanent RSO as Lisa M. Bosworth.

If you have any questions or require additional information, please contact our medical physics consultant, Lisa Bosworth at 208-860-6260 or our Medical Imaging manager Margie Lopez at 208-677-6514.

Thank you for your assistance with this matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'K. Fitts', with a long horizontal flourish extending to the right.



CASSIA REGIONAL MEDICAL CENTER

A Service of Intermountain Health Care

1501 Hiland Avenue
Burley, Idaho 83318
(208) 678-4444

April 17, 2007

Cassia Regional Medical Center
1501 Hiland
Burley, Idaho 83318

Re: Radiation Safety Officer / Executive Management Letter of Understanding

Dear Dr. Fitts;

You have been appointed the *temporary* Radiation Safety Officer (RSO) of this facility for our Radioactive Material License Number 11-27393-01. This "Letter of Understanding" is prepared to comply with 10CFR 35.24(b).

This section of the regulations requires that you agree in writing to the following:

- Assume responsibility for implementing the Radiation Protection Program
- Ensure that radiation safety activities are being performed in accordance with our own approved procedures and all regulatory requirements.

Furthermore, in compliance with 10 CFR 35.24(e),(g), the executive management of this facility agrees to provide you as RSO:

- Specific written notation of your authority, duties and responsibilities, see attached.
- Sufficient authority, organizational freedom, time, resources and management prerogative to:
 1. Identify radiation safety problems;
 2. Initiate, recommend, or provide corrective actions;
 3. Stop unsafe operations; and,
 4. Verify implementation of corrective actions.

Our signatures noted below will attest to the issues noted above. Please make a copy of this document for your files and return the original to my attention.

Sincerely,



Executive Management



Temporary Radiation Safety Officer



CASSIA REGIONAL MEDICAL CENTER

A Service of Intermountain Health Care

1501 Hiland Avenue
Burley, Idaho 83318
(208) 678-4444

April 17, 2007

Cassia Regional Medical Center
1501 Hiland
Burley, Idaho 83318

Re: Radiation Safety Officer / Executive Management Letter of Understanding

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- Assume responsibility for implementing the Radiation Protection Program
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Furthermore, in compliance with 10 CFR 35.24(e),(g), the executive management of this facility agrees to provide you as RSO:

- Specific written notation of your authority, duties and responsibilities, see attached.
- Sufficient authority, organizational freedom, time, resources and management prerogative to:
 1. Identify radiation safety problems;
 2. Initiate, recommend, or provide corrective actions;
 3. Stop unsafe operations; and,
 4. Verify implementation of corrective actions.

Our signatures noted below will attest to the issues noted above. Please make a copy of this document for your files and return the original to my attention.

Sincerely,


Executive Management



Radiation Safety Officer

UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIAL LICENSE

In accordance with Utah Code Ann. Title 19, Chapter 3 and the Radiation Control Rules, Utah Administrative Code R313, and in reliance on statements and representations heretofore made by the licensee designated below, a license is hereby issued authorizing such licensee to transfer, receive, possess and use the radioactive material designated below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. This licensee is subject to all applicable rules and orders now or hereafter in effect and to any conditions specified below.

LICENSEE) 3. License Number UT 2700419
) Amendment # 08
Name	IHC Southwest Cardiology)*****
) 4. Expiration Date
Address	1380 East Medical Center Drive, Suite 1500) January 31, 2009
	St. George, Utah 84790)*****
) 5. License Category - 7-b
) In accordance with letter dated
) November 14, 2005, this license is
) amended in its entirety.

radioactive material (element and mass number)	7. Chemical and/or physical form	8. Maximum quantity licensee may possess at any one time
Any radioactive material identified in R313-32-200	A. Any radiopharmaceutical identified in R313-32-200	A. As needed

AUTHORIZED USE

A. Medical use described in R313-32-200.

CONDITIONS

Location of Use: 1380 East Medical Center Drive, Suite 1500, St. George, Utah.

A. Consultant Radiation Safety Officer: Lisa M. Bosworth, M.S.

B. Facility Contacts: Norman Adams, Lead Nuclear Medicine Technician
Kim Lamb, IHC Southwest Cardiology Clinic Manager

Authorized User: Keshav Chander, M.D., for material in R313-32-200 for cardiovascular imaging only.

UTAH DIVISION OF RADIATION CONTROL
RADIOACTIVE MATERIALS LICENSE
SUPPLEMENTARY SHEET

License # UT 2700419
Amendment # 08

20. Except as specifically provided otherwise in this license, the licensee shall conduct its program, except for minor changes in the medical use radiation safety procedures as provided in R313-32-31, in accordance with statements representations, and procedures contained in documents incorporated into the license by reference. The Utah Radiation Control Rules shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the Rules.
- A. Facsimile transmittal dated August 19, 2003 [LA# 274-2003]
 - B. Application dated November 5, 2003 [LA# 274-2003]
 - C. Letter dated August 31, 2004 [LA# 274-2003]
 - D. Letter dated November 14, 2005 [LA# 343-2005]
 - E. Letter dated May 30, 2006 (received June 22, 2006) [LA# 343-2005]
 - F. Electronic mail message dated June 21, 2006 [LA# 343-2005]
 - G. Electronic mail message dated June 22, 2006 [LA# 343-2005]
 - H. Electronic mail message dated June 29, 2006 [LA# 343-2005]

UTAH RADIATION CONTROL BOARD

July 3, 2006
Date

Craig W Jones Acting for
Dane L. Finerfrock, Executive Secretary

**MEDICAL USE TRAINING AND EXPERIENCE
AND PRECEPTOR ATTESTATION**

PART I – TRAINING AND EXPERIENCE

Note: Descriptions of training and experience must contain sufficient detail to match the training and experience criteria in the applicable regulation (10 CFR Part 35)

1. Name of Individual, Proposed Authorization (e.g., Radiation Safety Officer), and Applicable Training Requirements (e.g., 10 CFR 35.50)

Lisa M. Bosworth

2. For Physicians, Podiatrists, Dentists, Pharmacists – State or Territory Where Licensed

NA

3. CERTIFICATION

- a. Provide a copy of the board certification. (Stop here if applying under 10 CFR Part 35, Subpart J or 35.590(a); continue if applying under other subparts.)
- b. Provide documentation in appropriate items 4 through 10 of training or clinical case work required by 35.50(e); 35.51(c); 35.290(c)(1)(ii)(G) for AU seeking 35.200 authorization; 35.390(b)(1)(ii)(G); 35.396(d)(1) and 35.396(d)(2); 35.590(c); or 35.690(c).
- c. Provide completed Part II Preceptor Attestation, Items 11a through 11d.
Stop here after completing items 3a, 3b, and 3c when using board certification to meet 10 CFR Part 35 training and experience requirements.

4. INDIVIDUALS IDENTIFIED ON A LICENSE OR PERMIT AS RADIATION SAFETY OFFICERS (RSO), AUTHORIZED USERS (AU), AUTHORIZED MEDICAL PHYSICISTS (AMP), OR AUTHORIZED NUCLEAR PHARMACISTS (ANP) SEEKING ADDITIONAL AUTHORIZATIONS

- a. Provide a copy of the license or broadscope permit listing the current authorization **and** (b) or (c)
- b. Complete items 6c (and 10 when training is provided by an RSO, AMP, ANP, or AU) and preceptor items 11b through 11d to meet requirements for: RSO in 35.50(c)(2) or 35.50(e); or AU in 35.290(c)(1)(ii)(G) or 35.390(b)(1)(ii)(G) or 35.590(c) or 35.690(c); or AMP under 35.51(c).
- c. Complete items 5, 6a, 6b, 10, and Preceptor items 11a through 11d to meet AU requirements in 35.396(a).

5. DIDACTIC OR CLASSROOM AND LABORATORY TRAINING (optional for Medical Physicists)

Description of Training	Location	Clock Hours	Dates of Training
Radiation Physics and Instrumentation	<i>Idaho State University</i>	<i>60</i>	<i>1992-1993</i>
Radiation Protection	<i>Idaho State University</i>	<i>60</i>	<i>1992-1993</i>
Mathematics Pertaining to the Use and Measurement of Radioactivity	<i>Idaho State University</i>	<i>60</i>	<i>1992-1993</i>
Radiation Biology	<i>Idaho State University</i>	<i>60</i>	<i>1992-1993</i>
Chemistry of Byproduct Material for Medical Use	<i>NA</i>	<i>NA</i>	<i>NA</i>
OTHER			
<i>Radiation Dosimetry</i>	<i>Idaho State University</i>	<i>60</i>	<i>1992-1993</i>

MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

6a. WORK OR PRACTICAL EXPERIENCE WITH RADIATION

Description of Experience	Name of Supervising Individual(s)	Location and Corresponding Materials License Number	Dates and/or Clock Hours of Experience
<p>Principle contact between radioactive material users & the radiation safety organization, provide guidance & consultation on radiation safety procedures, ensure that applicable radiation safety rules & license conditions are followed, provide training, perform radiation safety evaluations, direct or assist in recovery from radioactive spills or contamination incidents, conduct special investigations of unusual events, prepare & present reports to peers</p>	James J. Thompson	University of Utah Broadscope License	6/99 to 4/01
<p>Responsible for major technical aspects of radiation protection program. In absence of Director/RSO designated to act as Director and/or the RSO</p>	Karen S Langley	University of Utah Broadscope License	4/01 to 12/03
<p>Perform quarterly nuclear medicine audits & equipment testing. Participate in radiation safety meetings. Write radioactive material license applications, renewals & amendments</p>	Ann Jones	Washee Med Center License	6/04 to

16-12-0344-01 present
21-20153-01 (Medical Phys Consult)

6b. SUPERVISED CLINICAL CASE EXPERIENCE (describe experience elements in 6a)

Radionuclide	Type of Use	No. of Cases Involving Personal Participation	Name of Supervising Individual	Location and Corresponding Materials License Number	Dates and/or Clock Hours of Experience
NA					

MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

6c. TRAINING FOR SECTIONS 35.50(e), 35.51(c), 35.590(c), or 35.690(c)

Training Element	Type of Training *	Location and Dates
Radiation safety	supervised	Washoe Medical Center June 2005 - present
Regulatory Issues	supervised	Washoe Medical Center June 2005 - present
Emergency procedures	supervised	Washoe Medical Center June 2005 - present

* Types of training may include supervised (complete item 10 for 35.50(e), 35.51(c), and 35.690(c)), didactic, or vendor training.

7. FORMAL TRAINING Physicians (for uses under 35.400 and 35.600) and Medical Physicists

Degree, Area of Study or Residency Program	Name of Program and Location with Corresponding Materials License Number	Dates	Name of Organization that Approved the Program (e.g., Accreditation Council for Graduate Medical Education) and the Applicable Regulation (e.g., 10 CFR 35.490)
N/A	N/A	N/A	N/A

8. RADIATION SAFETY OFFICER (RSO) – ONE-YEAR FULL-TIME EXPERIENCE

YES Completed 1 year of full-time radiation safety experience (in areas identified in item 6a) under supervision.
 N/A of Ann Jones the RSO for License No. 16-12-056601

9. MEDICAL PHYSICIST – ONE-YEAR FULL-TIME TRAINING/WORK EXPERIENCE

YES Completed 1 year of full-time training (for areas identified in item 6a) in therapeutic radiological physics (35.961) or medical physics (35.51) under the supervision of _____
 N/A who is a medical physicist (35.961) or meets requirements for Authorized Medical Physicists (35.51);

and

YES Completed 1 year of full-time work experience (at location providing radiation therapy services described and for topics identified in item 6a) for (specify use or device) _____
 N/A under the supervision of _____ who is a medical physicist (35.961) or meets requirements for Authorized Medical Physicists (35.51) (specify use or device) _____

MEDICAL USE TRAINING AND EXPERIENCE AND PRECEPTOR ATTESTATION (continued)

10. SUPERVISING INDIVIDUAL -- IDENTIFICATION AND QUALIFICATIONS

The training and experience indicated above was obtained under the supervision of (if more than one supervising individual is needed to meet requirements in 10 CFR Part 35, provide the following information for each) :

A. Name of Supervisor

Ann M. Jones, M.S., DABR

B. Supervisor is:

Authorized User

Authorized Medical Physicist

Radiation Safety Officer

Authorized Nuclear Pharmacist

C. Supervisor meets requirements of Part 35, Section(s) 35.50(a)

for medical uses in Part 35, Section(s) 100, 200, 300

D. Address

Washoe Medical Center
South Meadows
10101 Double 'R' Blvd
Reno, NV 89521-5931

E. Materials License Number

16-12-0566-01

PART II -- PRECEPTOR ATTESTATION

Note: This part must be completed by the individual's preceptor. If more than one preceptor is necessary to document experience, obtain a separate preceptor statement from each. This part is not required to meet training requirements in 35.590 or Part 35, Subpart J (except 35.980).

I attest the individual named in Item 1:

11a.

has satisfactorily completed the requirements in Part 35, Section(s) and Paragraph(s) 50 (c) as documented in section(s) (a) of this form.

11b. Select one

meets the requirements in 35.50(e) 35.51(c) 35.390(b)(1)(ii)(G) 35.690(c) for types of use, as documented in section(s) 10 (c) of this form.

11c.

has achieved a level of competency sufficient to independently operate a nuclear pharmacy (for 35.980); **OR**

has achieved a level of competency sufficient to function independently as an authorized uses (or units); **OR**

has achieved a level of radiation safety knowledge sufficient to function independently as a Radiation Safety Officer for a medical use licensee ; **OR**

N/A

11d.

I am an Authorized Nuclear Pharmacist; **OR** I am a Radiation Safety Officer; **OR**

I meet the requirements of section(s) of 10 CFR Part 35

or equivalent Agreement State requirements to be a preceptor AU or AMP

for the following byproduct material uses (or units):

A. Address

Washoe Medical Center
South Meadows
10101 Double 'R' Blvd
Reno, NV 89521-5931

B. Materials License Number

16-12-0566-01

C. NAME OF PRECEPTOR (print clearly)

Ann M. Jones, M.S., DABR

D. SIGNATURE -- PRECEPTOR

Ann M. Jones

Digitally signed by Ann M. Jones
DN: cn = Ann M. Jones, c = US, o =
Nuclear Physics Corporation, Inc.
Date: 2006.05.20 11:04:29 -0400

E. DATE

05/20/2006

Idaho State University

Know all persons that we the State Board of Education,
upon the recommendation of the President and the Faculty
of the Idaho State University have admitted

Lisa Michelle Bosworth

to the degree of
Master of Science

Physics

with all the rights and responsibilities pertaining thereto

In Testimony Whereof, we have subscribed our names on this thirteenth day
of May, nineteen hundred and ninety-five.




President State Board of Education


President of Idaho State University


Secretary State Board of Education

RADIATION SAFETY OFFICER AUTHORITY, DUTIES AND RESPONSIBILITIES

The Radiation Safety Officer (RSO) shall:

1. Have the authority to implement the Radiation Protection Program as referenced in 10 CFR 20.1101.
2. Have the authority, organizational freedom, time, resources, and management prerogative to:
 - a. Identify radiation safety problems;
 - b. Initiate, recommend or provide corrective actions,
 - c. Stop unsafe operations; and,
 - d. Verify implementation of corrective actions.
3. Investigate deviations from the radiation safety practices approved by facility management and/or the Radiation Safety Committee, if applicable.
4. Collect in a centralized location, executive management approved procedures that can include policy and technical issues which, would makeup the Radiation Protection Program as follows:
 - a. Authorization for the purchase of radioactive material.
 - b. Receipt and opening of packages containing radioactive material.
 - c. Storage of radioactive material.
 - d. Inventory control of radioactive material.
 - e. Safe use of radioactive material.
 - f. Emergency procedures in the event of loss, theft, etc.
 - g. Periodic radiation surveys and wipe tests
 - h. Checks of radiation survey and other radiation safety instruments.
 - i. Disposal of radioactive material.
 - j. Personnel training of those who work in or frequent areas of radioactive material use or storage.
5. Oversee a record system of the Radiation Protection Program per 10 CFR 20.2102 to include at least the following:

The provisions of the Radiation Protection Program until the license is terminated by the NRC such as:

- a. All records, reports, written policies and procedures required by regulatory agencies concerning radioactive material.
- b. A copy of the regulations governing the possession, use and disposal of licensed material, such as Title 10 Code of Federal Regulations.

Audits and other reviews of the Radiation Protection Program content and implementation for a period of three (3) years after the record is made.

RADIATION SAFETY OFFICER

RSO Authority, Duties & Responsibilities



page 2

6. Periodically evaluate "action levels" for continued appropriateness to ensure compliance with 10 CFR 20.1501 and 1502 for the following:
 - a. Personnel exposure investigation levels
 - b. Area surveys dose rate and contamination levels
 - c. Bioassays, if necessary
 - d. Radioactive effluent concentrations, if necessary
7. Review the following Radiation Protection Program records, if applicable:
 - a. Sealed source inventories
 - b. Sealed source leak tests
 - c. Dose calibrator linearity tests
 - d. Dose calibrator accuracy tests
 - e. Dose calibrator geometrical variation tests
 - f. Occupational radiation exposure reports
 - g. Medical event documentation
 - h. Spill / incident reports for cause and corrective action
 - i. Dose rate and contamination survey results
 - j. Changes in the radiation safety program
8. Ensure the use of reasonable practices and controls to strive to maintain doses to workers and to the public are ALARA, in compliance with 10 CFR 20.1101(b).
9. Review with facility management at least annually of the content of the Radiation Protection Program and determine if the written program is being implemented in compliance with 10 CFR 20.1101(c).
10. Ensure as a part of the ALARA effort that individual members of the public shall not receive a Total Effective Dose Equivalent (TEDE) of more than 10 mrem (0.1 mSv) per year from airborne radioactive material releases as per 10 CFR 20.1101(d) as necessary.
11. Be a member of the Radiation Safety Committee (RSC), if applicable, that will oversee all uses of byproduct material permitted by the license as per 10 CFR 35.24(f).

(FOR LFMS USE)
INFORMATION FROM LTS

BETWEEN:
License Fee Management Branch, ARM
and
Regional Licensing Sections

Program Code: 02121
Status Code: 0
Fee Category: 7C
EXP. Date: 20080630
Fee Comments:
Decom F'n Assur Req'd: N

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: CASSIA REGIONAL MEDICAL CENTER
Received Date: 20070423
Docket No: 3032333
Control No.: 471346
License No.: 11-27393-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____
Check No.: _____

3. COMMENTS

Signed *Calvin Prunick*
Date 4-25-09

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 _____



**IntermountainSM
Healthcare**

Cassia Regional
Medical Center
1501 Highland Avenue
Burley, ID 83318

RECEIVED

DNMS

U.S. AIRC Region IV
6000 North Fremont Street
6000 North Plaza, Suite 700
Meridian, ID
760.4665

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