

NRC FORM 313
(05-2012)
10 CFR 30, 32, 33,
34, 35, 36, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: (05/31/2015)

APPLICATION FOR MATERIALS LICENSE

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Information Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to InfoCollect.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), 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.

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

OFFICE OF FEDERAL & STATE MATERIALS AND ENVIRONMENTAL MANAGEMENT PROGRAMS
DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS 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 APPLICATIONS TO:

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

IF YOU ARE LOCATED IN:

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

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

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 APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
1600 E. LAMAR BOULEVARD
ARLINGTON, TX 76011-4511

Br 1

03036232

REC'D 02-21-13 AM 10:00

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

- A. NEW LICENSE
- B. AMENDMENT TO LICENSE NUMBER
- C. RENEWAL OF LICENSE NUMBER 47-25622-01

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

Summers County Appalachian Regional Healthcare Hospital
1500 Terrace Street
Hinton West Virginia 25951

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

Summers County ARH Hospital
1500 Terrace Street
Hinton West Virginia 25951

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Nesta Logan, Director of Diagnostic Services

BUSINESS TELEPHONE NUMBER (304) 466-2906	BUSINESS CELLULAR TELEPHONE NUMBER NA
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BUSINESS EMAIL ADDRESS
nlogan@arh.org

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL
a. Element and mass number, b. chemical and/or physical form, and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSE FEES (See 10 CFR 170 and Section 170.31)
FEE CATEGORY <u>Medical 02121</u> AMOUNT ENCLOSED \$ <u>2,700.00</u>

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 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.

CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE

Wes Dangerfield, Community CEO

SIGNATURE

DATE

1-30-13

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

NRC FORM 313 (05-2012)

REC'D IN LAT 2-21-13

580082
NMSS/RGN1 MATERIALS-002

NRC U.S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR MATERIALS LICENSE

Summers County Appalachian Regional Healthcare (ARH) Hospital

1500 Terrace Street

Hinton West Virginia 25951

Renewal of License number 47-25622-01

Sections 5 through 11

5. RADIOACTIVE MATERIAL 6. PURPOSE FOR WHICH LICENSED MATERIAL IS USED

SAME AS CURRENT LICENSE

Element Mass #	Chemical/Physical Form	Maxium amount possessed at any time	Purpose	Storage
Cesium-137	Sealed Source Vial E	167.25 uCi	Q.A.	Hot Lab
Cobalt-57	Sealed Source Flood	11.74 mCi	Q.A.	Hot Lab
Cobalt-57	Sealed Source Vial E	4.28mCi	Q.A.	Hot Lab
Barium-133	Sealed Source Vial E	134.13 uCi	Q.A.	Hot Lab
Technetium-99m	Unsealed Solution	300.00 mCi	Diagnostic Imaging	Hot Lab
Galium-67	Unsealed	As needed	Diagnostic Imaging	Hot Lab
Indium-111	Unsealed	As needed	Diagnostic Imaging	Hot Lab
Iodine -123	Unsealed	As needed	Diagnostic Imaging	Hot Lab
Thallium -201	Unsealed	As needed	Diagnostic Imaging	Hot Lab

Any byproduct material permitted by 10 CFR 35.100 and 35.200	Any	As needed	Diagnostic Imaging	Hot Lab
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7. INDIVIDUALS RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND TRAINING EXPERIENCE

SAME AS CURRENT LICENSE

Bharat G. Patel M.D. Radiologist, Radiation Safety Officer

Ajay Anand M.D . Cardiologist

Authorized users education and experience comply with 10CFR 35.13 and 35.14

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

The Technologists working in the Nuclear Imaging department are registered radiology technologist with required training and orientation required to perform nuclear imaging procedures as described in the Hospital NM policy and procedure manuals.

The technologists receive Radiation Safety training annually.

The environmental services and maintenance personnel who frequent the restricted area receive initial Radiation Safety orientation to the department followed by annual refresher radiation safety training.

9. FACILITY AND EQUIPMENT

THE FACILITY AND EQUIPMENT ARE THE SAME AS CURRENT LICENSE.

The Nuclear Imaging Department is hospital based. The Department consists of patient area and a separate lead lined secure Hot Lab.

The imaging equipment is the Toshiba 7100 single head Gamma Camera.

10. RADIATION SAFETY PROGRAM

SAME AS CURRENT LICENSE

The Radiation Safety Program is in compliance with the Radiological Health Rule. Procedures and engineering controls are used to achieve ALARA.

Policies are written for the protection of all who enter the restricted area.

This is to acknowledge the receipt of your letter application dated

1-30-13, and to inform you that the initial processing which includes an administrative review has been performed.

47-25622-01 There were no administrative omissions. Your application was 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

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** 580082.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.