

## MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 39, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and any conditions specified below.

Licensee		In accordance with letter dated November 21, 1991	
1. West Park Hospital		3. License number 49-18230-01 is amended in its entirety to read as follows:	
2. 707 Sheridan Avenue Cody, Wyoming 82414		4. Expiration date September 30, 1994	
		5. Docket or Reference No 030-14695	
6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license	
A. Any byproduct material identified in 10 C.F.R. 35.100	A. Any radiopharmaceutical identified in 10 CFR 35.100	A. As needed	
B. Any byproduct material identified in 10 CFR 35.200	B. Any radiopharmaceutical identified in 10 CFR 35.200, except gases	B. As needed	
C. Any byproduct material identified in 10 CFR 35.300	C. Any radiopharmaceutical identified in 10 CFR 35.300	C. As needed	
D. Any byproduct material identified in 10 CFR 31.11	D. Prepackaged Kits	D. As needed	
9. Authorized use			
A. Medical use described in 10 CFR 35.100.			
B. Medical use described in 10 CFR 35.200.			
C. Medical use described in 10 CFR 35.300.			
D. <u>In vitro</u> studies.			

9212040415 921009  
PDR ADDCK 03014695  
C PDR

OFFICIAL RECORD COPY

ML40

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number

49-18230-01

Docket or Reference number

030-14695

Amendment No. 08

CONDITIONS

10. Location of use: 707 Sheridan Avenue, Cody, Wyoming.
11. Radiation Safety Officer: Ross Collie, M.D.
12. Authorized Users:
  - A. Kenneth G. Smith, M.D., Strontium-90 for treatment of superficial eye conditions.
  - B. Warren E. Hinton, M.D., for material identified in 10 CFR 35.100, 35.200, 35.300, and 31.11.
  - C. Ross J. Collie, M.D., for material identified in 10 CFR 35.100, 35.200, and 31.11; iodine-131 for the treatment of hyperthyroidism and cardiac dysfunction.
  - D. James A. Moeller, D.O., for material identified in 10 CFR 35.100, 35.200, and 31.11; iodine-131 for the treatment of hyperthyroidism and cardiac dysfunction.
  - E. Robert Broadbent, M.D., for material identified in 10 CFR 35.100, 35.200, and 31.11.
13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
14. The licensee shall maintain records of information important to safe and effective decommissioning at 707 Sheridan Avenue, Cody, Wyoming, per the provision of 10 CFR 30.35(g) until this license is terminated by the Commission.

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number

49-18230-01

Docket or Reference number

030-14695

Amendment No. 08

15. This license is based on the licensee's statements and representations as follows:

- A. Application dated March 17, 1989
- B. Letter dated January 9, 1990
- C. Letter dated March 26, 1990
- D. Letter dated November 21, 1991
- E. Facsimile dated October 7, 1992

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Original Signed By  
Jacqueline D. Burks

Date OCT 9 1992

By  
Nuclear Materials Licensing Section  
Region IV  
Arlington, Texas 76011



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION IV

611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-8064

OCT 9 1992

West Park Hospital  
ATTN: Ross J. Collie, M.D.  
Radiation Safety Officer  
707 Sheridan Avenue  
Cody, Wyoming 82414

Gentlemen:

Please find enclosed Amendment No. 08 to your NRC material license. You should review this amendment carefully and be sure that you understand all conditions. If you have any questions, you may contact the reviewer who signed your license amendment at 817/860-8100.

Please be advised that you must conduct your program involving radioactive materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, note that you must:

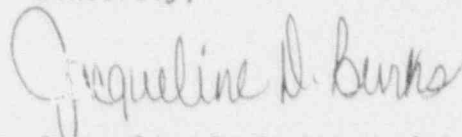
1. Operate in accordance with NRC regulations 10 CFR Part 19, "Notices, Instructions and Reports to Workers; Inspections," 10 CFR Part 20, "Standards for Protection Against Radiation," and other applicable regulations.
2. Possess radioactive material only in the quantity and form indicated in your license.
3. Use radioactive material only for the purpose(s) indicated in your license.
4. Notify NRC in writing of any change in mailing address (no fee required if the location of radioactive material remains the same).
5. Request and obtain written NRC consent before transferring your license or any right thereunder, either voluntarily or involuntarily, directly or indirectly, through transfer of control of your license to any person or entity. A transfer of control of your license includes not only a total change of ownership, but also a change in the controlling interest in your company whether it is a corporation, partnership, or other entity. In addition, appropriate license amendments must be requested and obtained for any other planned changes in your facility or program that are contrary to your license or contrary to representations made in your license application, as well as supplemental correspondence thereto, which are incorporated into your license. A license fee may be charged for the amendments if you are not in a fee-exempt category.

6. Submit a complete renewal application with proper fee, or termination request at least 30 days before the expiration date on your license. You will receive a reminder notice approximately 90 days before the expiration date. Possession of radioactive material after your license expires is a violation of NRC regulations.
7. Request termination of your license if you plan to permanently discontinue activities involving radioactive material.

You will be periodically inspected by NRC. A fee may be charged for inspections in accordance with 10 CFR Part 170. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation; imposition of a civil penalty; or an order suspending, modifying, or revoking your license as specified in the General Policy and Procedures for NRC Enforcement Action, 10 CFR Part 2, Appendix C. Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which the NRC expects of its licensees.

Thank you for your cooperation.

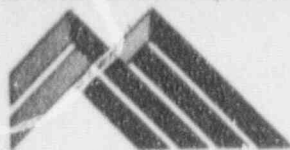
Sincerely,

A handwritten signature in cursive script, reading "Jacqueline D. Burks".

Jacqueline D. Burks, Health Physicist  
Nuclear Materials Licensing Section

Enclosure:  
As stated

RIV:NMLS  
JDBurks *JDBurks*  
10/08/92



West Park  
Hospital

September 30, 1992

NRC  
Region IV  
Arlington, TX

KAREN L. Beemer  
707 Sheridan Ave.  
Cody, WY

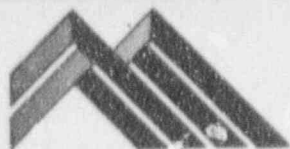
Dear Sir:

I applied for an amendment for our nuclear license about 9 months ago, asking for a change in RSO, and adding users. I have never received any decision or paperwork regarding our request.

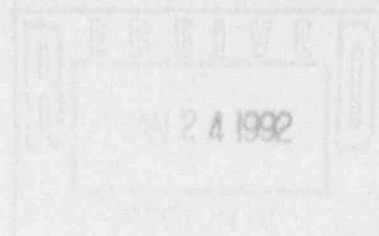
Could you please check on this for me?

License #49-18230-01

*Karen L. Beemer*



West Park  
Hospital



NRC,

The enclosed form belongs with  
license amendment forms  
for license # ~~#9-2~~ License # 49-18230-01  
#030-14695 Docket #

Karen Beemer  
Director of Radiology

# EXHIBIT 3 (Continued)

PROPOSED PHYSICIAN USER

Ross J. Collie, M.D.

## PRECEPTOR STATEMENT (Continued)

### 2. CLINICAL TRAINING AND EXPERIENCE OF ABOVE NAMED PHYSICIAN (Continued)

ISOTOPE A	CONDITIONS DIAGNOSED OR TREATED B	NUMBER OF CASES INVOLVING PERSONAL PARTICIPATION C	COMMENTS (Additional information or comments may be submitted in duplicate on separate sheets.) D
P-32 (Soluble)	TREATMENT OF POLYCYTHEMIA VEP, LEUKEMIA, AND BONE METASTASES		
P-32 (Colloidal)	INTRACAVITARY TREATMENT		
I-131	TREATMENT OF THYROID CARCINOMA		
	TREATMENT OF HYPERHYPERTHYROIDISM		
Au-198	INTRACAVITARY TREATMENT	11	
Co-60 or Cs-137	INTERSTITIAL TREATMENT		
	INTRACAVITARY TREATMENT		
I-125 or Ir-192	INTERSTITIAL TREATMENT		
Co-60 or Cs-137	TELE THERAPY TREATMENT		
Sr-90	TREATMENT OF EYE DISEASE		
	RADIOPHARMACEUTICAL PREPARATION		
Mo-99/ Tc-99m	GENERATOR		
Sn-113/ In-113m	GENERATOR		
Tc-99m	REAGENT KITS		
Other			

### 3. DATES AND TOTAL NUMBER OF HOURS RECEIVED IN CLINICAL RADIOISOTOPE TRAINING

LOCATION

DATES

CLOCK HOURS OF EXPERIENCE

### 4. THE TRAINING AND EXPERIENCE INDICATED ABOVE WAS OBTAINED UNDER THE SUPERVISION OF:

a. NAME OF SUPERVISOR

Lawrence R. Irish, M.D.

b. NAME OF INSTITUTION

McLaren Regional Medical Center

c. MAILING ADDRESS

401 S. Ballenger Hwy.

d. CITY

Flint, Michigan

e. MATERIALS LICENSE NUMBER(S)

21-04171-04

### 5. PRECEPTOR'S SIGNATURE

*Lawrence R. Irish, M.D.*

7. PRECEPTOR'S NAME (Please type or print)

Lawrence R. Irish, M.D.

8. DATE

August 8, 1991

**EXHIBIT 3  
SUPPLEMENT B**

SUPPLEMENT		U. S. NUCLEAR REGULATORY COMMISSION	
<b>PRECEPTOR STATEMENT</b>			
<i>Supplement B must be completed by the applicant physician's preceptor. If more than one preceptor is necessary to document experience, obtain a separate statement from each.</i>			
<b>1. PROPOSED PHYSICIAN USER'S NAME AND ADDRESS</b>		<b>KEY TO COLUMN C</b> <b>PERSONAL PARTICIPATION SHOULD CONSIST OF:</b>	
<b>FULL NAME</b> <u>Ross J. Collie, M.D.</u>		<b>1-Supervised examination of patients to determine the suitability for radioisotope diagnosis and/or treatment and recommendation for prescribed dosage.</b>	
<b>STREET ADDRESS</b> <u>401 S. Ballenger Hwy.</u>		<b>2-Collaboration in dose calibration and actual administration of dose to the patient including calculation of the radiation dose, related measurements and plotting of data.</b>	
<b>CITY</b> <u>Flint</u> <b>STATE</b> <u>Mi</u> <b>ZIP CODE</b> <u>48502-2256</u>		<b>3-Adequate period of training to enable physician to manage radioactive patients and follow pertinent procedures.</b>	
<b>2. CLINICAL TRAINING AND EXPERIENCE OF ABOVE NAMED PHYSICIAN</b>			
ISOTOPE <small>A</small>	CONDITIONS DIAGNOSED OR TREATED <small>B</small>	NUMBER OF CASES INVOLVING PERSONAL PARTICIPATION <small>C</small>	COMMENTS <small>(Additional information or comments may be submitted in dupli. on separate sheet(s).)</small>
	Thyroid scan		
	Thyroid uptake		
	Lung perfusion scan		
	Xenon ventilation study		
	Aerosol ventilation scan		
	Renal flow scan		
	Brain scan		
	Liver/spleen scan		
	Bone scan		
	Gastroesophageal study		
	LeVeen shunt study		
	Cystogram		
	Deercycystogram		
	Cardiac perfusion scan		
	Cardiac stress ventriculogram		
Cardiac rest ventriculogram			
Gallium scan			

m/s#16

T9

**West Park Hospital**  
**707 Sheridan Ave.**  
**Cody, WY 82414**

307-578-2437 / 307-587-6557 fax

OCT - 7 1992

Stand by for some **Fax**inating info.....From: X-ray Karen BumerTO: Jackie BurksPages to follow: 7

Message \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

MS#16 79



# West Park Hospital

OCT - 8 1992

October 7, 1992

Karen L. Beemer  
707 Sheridan Ave.  
Cody, WY 82414

NRC  
Region IV  
Arlington, TX

RE: Nuclear License Amendment

Please find enclosed a copy of Dr. Collie's previous license  
and amend our license to make him our permanent RSO.  
Also, please include the following people as licensed users.

~~Dr. Collie, RSO~~  
~~John Mueller, RSO~~  
~~Rocky Smith, RSO~~  
~~Kenneth Smith, RSO~~

Thank you.

*Karen L. Beemer*

Karen L. Beemer

464140

NRC Form 374

(5-84)

## U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 2  
Amendment No. 06

## MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and the Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer by gift, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and the conditions specified below.

## Licensee

1. Lander Valley Regional Medical Center

2. 1320 Bishop Randall Drive  
Lander, Wyoming 82520In accordance with letter dated  
December 2, 19883. License number 49-17813-01 is amended in  
its entirety to read as follows:

4. Expiration Date April 30, 1989

5. Docket or  
Reference No. 030-133756. Byproduct, source, and/or  
special nuclear material7. Chemical and/or physical  
form8. Maximum amount that licensee  
may possess at any one time  
under this licenseA. Any byproduct material  
identified in 10 CFR 35.100A. Any radiopharmaceutical  
identified in  
10 CFR 35.100

A. As needed

B. Any byproduct material  
identified in 10 CFR 35.200B. Any radiopharmaceutical  
identified in  
10 CFR 35.200

B. As needed

C. Any byproduct material  
identified in 10 CFR 37.11

C. Prepackaged Kits

As needed

9. Authorized use

A. Medical use described in 10 CFR 35.100

B. Medical use described in 10 CFR 35.200

C. In vitro studies.

OCT 8 1992

NRC Form 374A  
(5-84)

## U.S. NUCLEAR REGULATORY COMMISSION

PAGE 2 OF 2 PAGES

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number

49-17813-01

Docket or Reference number

030-13375

Amendment No. 06

## CONDITIONS

10. Location of use: Lander Valley Regional Medical Center, 1320 Bishop Randall Drive, Lander, Wyoming.
11. Radiation Safety Officers: ~~Ross J. Coyle, M.D.~~
12. Authorized Users:
- A. ~~Ross J. Coyle, M.D.~~ for material identified in 10 CFR 35.100, 35.200, and 31.11.
- B. C. Paula Perkins, M.B., for material identified in 10 CFR 35.100, 35.200, and 31.11.
- C. Jack A. Larimer, M.D., for material identified in 10 CFR 35.100, 35.200, and 31.11.
- D. ~~Robert V. Broadbent, M.D.~~ for material identified in 10 CFR 35.100, 35.200, and 31.11.
13. This license is based on the licensee's statements and representations as follows:
- A. Letter dated September 23, 1983
- B. Letter dated March 22, 1984
- C. Letter dated June 6, 1985

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date JAN 26 1989

By

*Livian H. Campbell*Nuclear Materials Licensing Section  
Region IV  
Arlington, Texas 76011

NRC Form 374A  
(5-84)

U.S. NUCLEAR REGULATORY COMMISSION

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number	PAGE 1 OF 2 PAGES
Docket or Reference number	21-04171-04
	030-02048
	Amendment No. 34

CORRECTED COPY

McLaren General Hospital, Inc.  
Department of Radiology  
401 Ballenger Highway  
Flint, MI 48532

In accordance with letter dated October 19, 1989, License Number 21-04171-04 is amended as follows:

Conditions 12. and 16. are amended to read:

## 12. Authorized Users:

- A. J. L. Anderson, M.D., for material in 10 CFR 35.100, 35.200 and 35.300.
- L. R. Irish, M.D., for material in 10 CFR 35.100, 35.200 and 35.300.
- C. P. B. Lauber, M.D., for material in 10 CFR 35.100, 35.200 and 35.300.
- D. S. Stocking, M.D., for material in 10 CFR 35.100, 35.200 and 35.300.
- E. Gary Rudder, M.D., for material in 10 CFR 35.100 and 35.200.
- F. ~~Ross D. Cullen~~, M.D., for material in 10 CFR 35.100 and 35.200.
- G. Jeanne K. Hicks, M.D., for material in 10 CFR 35.100, 35.200 and 35.300.

## 16. This license is based on the licensee's statements and representations listed below:

- A. Application dated November 23, 1988;
- B. ALARA Program dated November 23, 1988; and
- C. Letter dated October 19, 1989.

Conditions 17. and 18. are added:

- 17. The licensee may dispose of spent molybdenum-99/technetium-99m generators to Associated Metals, Inc., NRC License No. 21-19623-01, as described in Item 3 of letter dated October 19, 1989, excluding Option Number 2 involving dismantling of the generators by Associated Metals at your facilities.

NRC FORM 374  
(10-89)

## U.S. NUCLEAR REGULATORY COMMISSION

PAGE 1 OF 3 PAGES  
Amendment No. 14

## MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter 1, Parts 30, 31, 32, 33, 34, 35, 39, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

## Licensee

1. Powell Hospital District  
dba Powell Hospital & Nursing Home
2. 777 Avenue H  
Powell, Wyoming 82435

In accordance with letter dated  
May 27, 1992

3. License number 49-23163-01 is amended in  
its entirety to read as follows:

4. Expiration date January 31, 1995

5. Docket or  
Reference No. 030-20328

6. Byproduct, source, and/or  
special nuclear material

7. Chemical and/or physical  
form

8. Maximum amount that licensee  
may possess at any one time  
under this license

- A. Any byproduct  
material identified  
in 10 CFR 35.100

- A. Any  
radiopharmaceutical  
identified in 10 CFR  
35.100

- A. As needed

- B. Any byproduct  
material identified  
in 10 CFR 35.200

- B. Any  
radiopharmaceutical  
identified in 10 CFR  
35.200, except gases

- B. As needed

- C. Iodine-131

- C. Iodide

- C. 30 millicuries

- D. Any byproduct  
material identified  
in 10 CFR 35.500

- D. Sealed sources for  
diagnostic devices  
identified in 10 CFR  
35.500

- D. As needed

- E. Any byproduct  
material identified  
in 10 CFR 31.11

- E. Prepackaged kits

- E. As needed

- F. Cobalt-60

- F. Sealed sources

- F. 1 millicurie

- G. Cesium-137

- G. Sealed sources

- G. 1 millicurie

OCT 8 1992

NRC Form 374A  
(5-84)

U.S. NUCLEAR REGULATORY COMMISSION

PAGE 2 OF 3 PAGES

MATERIALS LICENSE  
SUPPLEMENTARY SHEETLicense number  
49-23163-01Docket or Reference number  
030-20328

Amendment No. 14

## 9. Authorized use

- A. Medical use described in 10 CFR 35.100.  
B. Medical use described in 10 CFR 35.200.  
C. Diagnosis and treatment of hyperthyroidism and cardiac dysfunction.  
D. Medical use described in 10 CFR 35.500.  
E. In vitro studies.  
F. and G. For storage only.

OCT - 8 1992

## CONDITIONS

10. Location of use: Powell Hospital, 777 Avenue H, Powell, Wyoming
11. Radiation Safety Officer: Robert Broadbent, M.D.
12. Authorized users:
- A. J. Allan Miller, M.D., for materials identified in 10 CFR 35.100, 35.200, 35.500, and 31.11.
- B. Gary L. Smith, M.D., for materials identified in 10 CFR 35.100, 35.200, 35.500, and 31.11.
- ✓ C. ~~James A. Miller, M.D.~~, for materials identified in 10 CFR 35.100, 35.200, 35.500, and 31.11; Iodine-131 for treatment of hyperthyroidism and cardiac dysfunction.
- ✓ D. ~~Robert L. Broadbent, M.D.~~ for materials identified in 10 CFR 35.100, 35.200, 35.500, and 31.11.
13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
14. The licensee shall maintain records of information important to safe and effective decommissioning at 777 Avenue H, Powell, Wyoming, per the provision of 10 CFR 30.35(g) until this license is terminated by the Commission.

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number

49-23163-01

Docket or Reference number

030-20328

Amendment No. 14

15. This license is based on the licensee's statements and representations as follows:

- A. Application dated November 14, 1989
- B. Letter dated December 27, 1989
- C. Letter dated January 22, 1990
- D. Letter dated January 9, 1990
- E. Letter dated February 21, 1990
- F. Letter dated June 18, 1990
- G. Letter dated September 24, 1990
- H. Letters dated November 8, 1990
- I. Letter dated November 2, 1990
- J. Letter dated May 27, 1992

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date AUG 26 1992

By

*Jacqueline H. Burks*

Nuclear Materials Licensing Section  
Region IV  
Arlington, Texas 76011

464140

## CONVERSATION RECORD

TIME

3:15

DATE

10/06/92

TYPE

☐ VISIT☐ CONFERENCE☒ TELEPHONE☐ INCOMING☒ OUTGOING

ROUTING

NAME/SYMBOL

INT

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

Terry Livermore

ORGANIZATION (Office, dept., bureau, etc.)

West Park Hospital

TELEPHONE NO.

307-527-7501

SUBJECT

Re: additional information needed to complete amendment request.

SUMMARY

Spoke with Mrs. Livermore and asked her to fix and follow-up with a hard copy response to the following:

1. Name of BSO (Dr. Collier) and Training &amp; experience

ACTION REQUIRED

Waiting for response to the following before amendment <sup>request</sup> can be completed

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

Jacqueline D. Burks

Jacqueline D. Burks

10-6-92

ACTION TAKEN

SIGNATURE

TITLE

DATE

(FOR LFMS USE)  
INFORMATION FROM LTS

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM  
AND  
REGIONAL LICENSING SECTIONS

PROGRAM CODE: 02120  
STATUS CODE: 0  
FEE CATEGORY: 7C  
EXP. DATE: 19940930  
FEE COMMENTS: CODE 16  
DECOM FIN ASSUR REQ:

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED  
APPLICANT/LICENSEE: WEST PARK CTY. HOSPITAL  
RECEIVED DATE: 920214  
DOCKET NO: 3014695  
CONTROL NO.: 464140  
LICENSE NO.: 49-18230-01  
ACTION TYPE: AMENDMENT

2. FEE ATTACHED \$430.00  
AMOUNT:  
CHECK NO.: 25420

3. COMMENTS

SIGNED Billie Muszynski  
DATE 2/14/92

B LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED 13/1)

1. FEE CATEGORY AND AMOUNT: 7C \$ 430
2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:  
AMENDMENT ✓  
RENEWAL \_\_\_\_\_  
LICENSE \_\_\_\_\_
5. OTHER \_\_\_\_\_

SIGNED J. K. Long  
DATE 2/14/92

MAR - 2 1992



West Park  
Hospital

November 21, 1991

Nuclear Regulatory Commission  
Arlington, TX

RE: Interim RSO

As of November Dr. James Moeller will be the interim RSO as reviewed by the Radiation Safety Committee on the first of November which Gary Bishop, CEO, Dr. Ross Collie, future RSO as of January 1, 1992, Karen Beemer, Director of Radiology, and Terry Livermore, CNMT were in attendance on that date of November 1, 1991.

Enclosed please find copy of license listing Dr. Moeller as authorized user. Also, please observe license with Dr. Ross Collie listed as authorized user.

We would like to ammend license with Dr. James Moeller and Dr. Ross Collie as authorized users and with Dr. Ross Collie as RSO. Also, enclosed is a copy of the preceptor statement showing Dr. Collie's experience in treating hyperthyroidism. Could we amend the license allowing him to perform those in our facility.

*Gary Bishop*  
*Karen Beemer*  
*James Moeller*

## MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter 1, Parts 30, 31, 32, 33, 34, 35, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee 1. McLaren General Hospital, Inc. Department of Radiology 2. 401 Ballenger Highway Flint, MI 48532		In accordance with application dated November 23, 1988 3. License number 21-04171-04 is amended in its entirety to read as follows:	
		4. Expiration date	April 30, 1994
		5. Docket or Reference No.	030-02048
6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license	
A. Any byproduct material identified in 10 CFR 35.100	A. Any radiopharmaceutical identified in 10 CFR 35.100	A. As needed	
B. Any byproduct material identified in 10 CFR 35.200	B. Any radiopharmaceutical identified in 10 CFR 35.200	B. As needed	
C. Any byproduct material identified in 10 CFR 35.300	C. Any radiopharmaceutical identified in 10 CFR 35.300	C. As needed	
9. Authorized Use:			
A. Medical use described in 10 CFR 35.100.			
B. Medical use described in 10 CFR 35.200.			
C. Medical use described in 10 CFR 35.300.			

## CONDITIONS

10. Location of Use: 401 Ballenger Highway, Flint, Michigan
11. Radiation Safety Officer: L. R. Irish, M.D.
12. Authorized Users:
- A. J. L. Anderson, M.D., for material in 10 CFR 35.100, 35.200 and 35.300.
- B. L. R. Irish, M.D., for material in 10 CFR 35.100, 35.200 and 35.300.

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number

21-04171-04

Docket or Reference number

030-02048

Amendment No. 34

CORRECTED COPY

McLaren General Hospital, Inc.  
Department of Radiology  
401 Ballenger Highway  
Flint, MI 48532

In accordance with letter dated October 19, 1989, License Number 21-04171-04 is amended as follows:

Conditions 12. and 16. are amended to read:

12. Authorized Users:

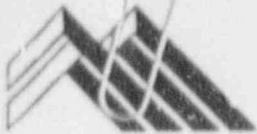
12. Authorized Users:
- A. J. L. Anderson, M.D., for material in 10 CFR 35.100, 35.200 and 35.300.
  - B. L. R. Irish, M.D., for material in 10 CFR 35.100, 35.200 and 35.300.
  - C. P. R. Lauber, M.D., for material in 10 CFR 35.100, 35.200 and 35.300.
  - D. S. Stocking, M.D., for material in 10 CFR 35.100, 35.200 and 35.300.
  - E. Gary Rudder, M.D., for material in 10 CFR 35.100 and 35.200.
  - F. Ross J. Collie, M.D., for material in 10 CFR 35.100 and 35.200.
  - G. Jeanne K. Hicks, M.D., for material in 10 CFR 35.100, 35.200 and 35.300.

16. This license is based on the licensee's statements and representations listed below:

- A. Application dated November 23, 1988;
- B. ALARA Program dated November 23, 1988; and
- C. Letter dated October 19, 1989.

Conditions 17. and 18. are added:

17. The licensee may dispose of spent molybdenum-99/technetium-99m generators to Associated Metals, Inc., NRC License No. 21-19623-01, as described in Item 3 of letter dated October 19, 1989, excluding Option Number 2 involving dismantling of the generators by Associated Metals at your facilities.



West Park  
Hospital

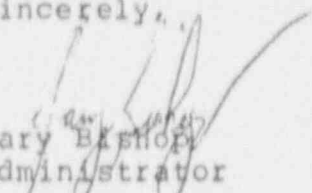
November 4, 1991

U.S. Nuclear Regulatory Commission

To Whom It May Concern:

Dr. James A. Moeller, D.O., has authorization from West Park Hospital as an authorized user of licensed materials identified in 10 CFR 35.100, 35.200, 35.500, and 31.1; and Iodine-131 for treatment of hyperthyroidism and cardiac dysfunction.

Sincerely,

  
Gary Bishop  
Administrator

/pak

cc: Karen Beemer, Radiology Dept.

MATERIALS LICENSE  
SUPPLEMENTARY SHEET

License number

49-23163-01

Docket or Reference number

030-20328

Amendment No. 09

CONDITIONS

10. Location of use: Powell Hospital, 777 Avenue H, Powell, Wyoming
11. Radiation Safety Officer: Robert Broadbent, M.D.
12. Authorized users:
  - A. J. Allan Miller, M.D., for materials identified in 10 CFR 35.100, 35.200, 35.500, and 31.11.
  - B. Gary L. Smith, M.D., for materials identified in 10 CFR 35.100, 35.200, 35.500, and 31.11.
  - C. James A. Moeller, D.O., for materials identified in 10 CFR 35.100, 35.200, 35.500, and 31.11; Iodine-131 for treatment of hyperthyroidism and cardiac dysfunction.
  - D. Robert V. Broadbent, M.D., for materials identified in 10 CFR 35.100, 35.200, 35.500, and 31.11.
13. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d) for establishing decommissioning financial assurance.
14. This license is based on the licensee's statements and representations as follows:
  - A. Application dated November 14, 1989
  - B. Letter dated December 27, 1989
  - C. Letter dated January 22, 1990
  - D. Letter dated January 9, 1990 ★ ★ ★ ★

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date FEB 13 1990

By William L. Fisher  
Nuclear Materials Licensing Section  
Region IV  
Arlington, Texas 76011

Curriculum Vitae

**ROSS JAMES COLLIE, M.D., F.A.C.R.**

2765 Flushing Rd., Suite 206

Flushing, Michigan 48504

313-232-1198 (office)

313-659-2642 (home)

Personal	Birthdate: August 28, 1934 Birthplace: Hamilton, Ontario, Canada Citizenship: U.S.A. Marital Status: Single, Three children
Present Position	Clinical Assistant Professor of Radiology Michigan State University Radiologist, McLaren General Hospital Flint, Michigan Quality Assurance Director Nuclear Medicine Director Radiologist, Owosso General Hospital Owosso, Michigan
Certification	<i>American Board of Radiology</i> - June 1966 (Diagnostic Radiology, Radiation Therapy and Nuclear Medicine) <i>American Board of Nuclear Medicine</i> - May 1973 <i>Fellowship of the American College of Radiology</i> - September 1984
Education & Training	M.D.: University of Western Ontario London, Ontario, Canada Internship: The Grace Hospital Detroit, Michigan July 1961 - June 1962 Residency: The Grace Hospital Detroit, Michigan July 1962 - June 1963 Practice: Port Huron Hospital, Port Huron, Michigan July 1963 - June 1964 St. Joseph's Hospital, Flint, Michigan July 1964 - December 1968 Bishop Randall Hospital, Lander, Wyoming (now, Lander Regional Medical Center) March 1969 - August 1989 Michigan State University, Lansing, Michigan Magnetic Resonance Imaging (MRI) training September 1988 - December 1988 Clinical Staff Radiologist, temporary June 1989 - August 1989 McLaren General Hospital, Flint, Michigan September 1989 to date

Radiology  
Experience

*General Diagnostic Radiology* - all procedures  
July 1965 to date

*Nuclear Medicine* - all current diagnostic procedures. Established nuclear medicine in Lander, Wy. Now have experience in Spect camera imaging and licensed in Iodine 131 treatment of hyperthyroid and thyroid cancer  
July 1966 to date

*Ultrasound* - all current diagnostic procedures. These include abdominal, pelvic, obstetrics, soft parts, and vascular (Doppler) studies.  
1977 to date

*Computerized Tomography* - Established head CT in Lander, Wy. 1981 & whole body in 1983. Now have experience in all procedures including CT guided biopsies and aspirations.  
1981 to date

*Magnetic Resonance Imaging* - Following MSU sabbatical, established Mobile MR unit in Lander, Wy. in April 1989. Now, at McLaren General Hospital and the Flint Association of Hospitals, working with eight radiologists, have experience in all MR procedures. Average 604 examinations per month and approach greater than 7,000 examinations per year as of Sept. 1991.  
April 1989 to date

*Angiography* - Generally all areas, emphasis on cerebrals at MGH, have limited experience in angioplasty and on the angio team which covers all angio call and is establishing limited thrombolysis techniques.

*Interventional Technique* - Generally most areas but specifically percutaneous biopsies of lung, liver, retroperitoneum and abdomen, and percutaneous nephrostomies and tube placement, biliary drainages procedures, abscess drainages, breast localizations, and also myelography and arthrography.

Medical  
Licensure:

Wyoming - #2093-A  
Michigan - 028373

Publications,  
Papers &  
Presentations:

*Small Bowel Obstruction Diagnosis with Barium Enema*, 1963 -  
Detroit Roentgen Ray Society  
*Trichobezoars*, 1964 - Detroit Roentgen Ray Society  
*Pulmonary Aspergilloma*, *Dis. of Chest*, Vol 47, No. 3, March 1965  
*Cecal Volvulus*, *Rocky Mountain Medical Journal*, No. 7, July 1970  
*Wyoming State Medical Society*, Mid-winter meetings, various topics to include Booklet on  
Gamma Camera utilization in Wyoming, and cecal volvulus.  
*Lander Valley Medical Center*, various topics for Grand Rounds to 3 CT  
and Interventional Radiology  
*Michigan State University*, Resident's Day, topic of Duplex Carotid Sonography, 1988  
*McLaren General Hospital*,  
Flint Orthopedic Grand Rounds, topic of MRI with emphasis on lumbar spine, 1991  
Radiology Resident teaching, daily with specific topics i.e. evaluation of the shoulder, 1990  
General Medicine and Surgery Resident teaching with general radiology topics  
*Owosso General Hospital*, Medical Staff Grand Rounds, topic of utilization of MRI, 1991

Professional  
& Scientific  
Societies:

*American College of Radiology* - 1967 to date  
*Radiological Society of North America* - 1969 to date  
*Rocky Mountain Radiological Society* - 1969 to date  
*Wyoming State Radiological Society* - 1969 to date  
Secretary - 1971 - 1972  
President - 1973 - 1974  
ACR Councilor - 1973 - 1975  
*American College of Radiology*  
Member Commission of Affairs 1974 - 1990  
*American Medical Association* - 1965 to date  
*Wyoming Medical Society* - 1969 to date  
Vice Speaker of House - 1974 - 1976  
*Fremont County Medical Society* - 1969 - 1990  
*Lander Regional Medical Center* - 1969 - 1989  
Sect. Med Staff - 1972-1979; 1979-1981  
*Michigan State Medical Society* - 1966-1969; 1988 to date  
*Genesee Medical Society* - 1966-1968; 1988 to date

Miscellaneous  
Civic  
Activities:

*Senior Citizens Center*, Lander, Wy., founding member, 1970  
*Fremont Counseling Center*, Board of Directors, Dec 1970 - Aug 1975  
*Wyoming State Mental Health Board*, 1971 - 1972  
*Rotarian*, Lander, Wy., past president 1972-73  
*Lander Airport Commission*, 1972-1984  
*Fremont County Airport Commission*, 1980-82  
*Master Mason*, 1975; shrine 1976  
*Fremont County Posse*, 1970-89  
*Lander Mayor's Committee member for Hospital evaluation leading to the development of Lander Valley Regional Medical Center*, 1981  
*First Wyoming Savings and Loan*, founding member 1975-1980

Leisure  
Activities:

Licensed pilot  
Downhill skiing  
Horseback activities  
Mountain climbing  
Reading  
Fly fishing

## MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee		In accordance with application dated February 23, 1989	
1. Lander Valley Regional Medical Center		3. License number 49-17813-01 is amended in its entirety to read as follows:	
2. 1320 Bishop Randall Drive Lander, Wyoming 82520		4. Expiration date September 30, 1994	
		5. Docket or Reference No. 030-13375	
6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license	
A. Any byproduct material identified in 10 CFR 35.100	A. Any radiopharmaceutical identified in 10 CFR 35.100	A. As needed	
B. Any byproduct material identified in 10 CFR 35.200	B. Any radiopharmaceutical identified in 10 CFR 35.200 (except gases)	B. As needed	
C. Any byproduct material identified in 10 CFR 31.11	C. Prepackaged Kits	C. As needed	
9. Authorized use			
A. Medical use described in 10 CFR 35.100.			
B. Medical use described in 10 CFR 35.200.			
C. <u>In vitro</u> studies.			

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License number	PAGE 2 OF 2 PAGES
49-17813-01	
Docket or Reference number	
030-13375	
Amendment No.	07

**CONDITIONS**

10. Location of use: Lander Valley Regional Medical Center, 1320 Bishop Randall Drive, Lander, Wyoming.
11. Radiation Safety Officer: Ross J. Collie, M.D.
12. Authorized Users:
  - A. Ross J. Collie, M.D., for material identified in 10 CFR 35.100, 35.200, and 31.11.
  - B. Jack A. Larimer, M.D., for material identified in 10 CFR 35.100, 35.200, and 31.11.
  - C. Robert V. Broadbent, M.D., for material identified in 10 CFR 35.100, 35.200, and 31.11.
13. This license is based on the licensee's statements and representations as follows:
  - A. Application dated February 23, 1989
  - B. Letter dated July 18, 1989
  - C. Letter dated August 25, 1989

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date SEP 11 1989

By *Virian L. Campbell*  
Nuclear Materials Licensing Section  
Region IV  
Arlington, Texas 76011

Miscellaneous  
Civic  
Activities:

*Senior Citizens Center, Lander, Wy., founding member, 1970*  
*Fremont Counseling Center, Board of Directors, Dec 1970 - Aug 1975*  
*Wyoming State Mental Health Board, 1971 - 1972*  
*Rotarian, Lander, Wy., past president 1972-73*  
*Lander Airport Commission, 1972-1984*  
*Fremont County Airport Commission, 1980-82*  
*Master Mason, 1975; shrine 1976*  
*Fremont County Posse, 1970-89*  
*Lander Mayor's Committee member for Hospital evaluation leading to the  
development of Lander Valley Regional Medical Center, 1981*  
*First Wyoming Savings and Loan, founding member 1975-1980*

Leisure  
Activities:

Licensed pilot  
Downhill skiing  
Horseback activities  
Mountain climbing  
Reading  
Fly fishing