



July 9, 2012

Roberto J. Torres
Senior Health Physicist
U.S. Nuclear Regulatory Commission - Region IV
Division of Nuclear Materials Safety
Nuclear Materials Safety Branch B
612 East Lamar Boulevard, Suite 400
Arlington, Texas 76011-4125

Subject: Amendment to Radioactive Materials License 50-17838-01
Addition of Christopher M. Reed, M.D. as Authorized User for 10 CFR
35.100, 10 CFR 35.200 and 10 CFR 35.300

Dear Mr. Torres,


We wish to amend our Radioactive Materials License to add Christopher M. Reed, M.D.
as Authorized User for 10 CFR 35.100, 10 CFR 35.200 and 10 CFR 35.300.

Please note that Dr. Christopher M. Reed is the Authorized User for 10 CFR 35.100, 10
CFR 35.200 and 10 CFR 35.300 on the standing Radioactive Material Permit issued by
USAF Radioisotope Committee (Permit No. AK-01810-03/00AFP).

Please see the attached for the documentation.

Should you have any questions please contact me at (907)212-5691.

Sincerely,


Yongli Ning, M.S.
Chief Medical Physicist - Radiation Oncology
Radiation Safety Officer
Providence Alaska Medical Center
3200 Providence Drive
Anchorage, AK 99516-6604

Tel: (907)212-5691
Email: yning@provak.org

PUBLIC

- ☐ Immediate Release
☒ Normal Release

NON-PUBLIC

- ☐ A.3 Sensitive-Security Related
☐ A.7 Sensitive Internal
☐ Other: _____

Reviewer: JNO Date: 7/24/12

16 5 7 7 8 7 0



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON DC

24 July 2009

MEMORANDUM FOR 3 MDOS/CC
3 MDOS/SGOXXN
IN TURN

FROM: AFMSA/SG3PB
1400 Key Blvd, Nash Bldg, Ste #400
Rosslyn, VA 22209-1554

SUBJECT: Permit Renewal, USAF Radioactive Material Permit Number AK-01810-02/07AFP,
Docket Number 030-22254

To the Permit RSO: Please make a copy for your files.

We received a permit renewal application, dated 24 February 2009, for the subject permit; a revised application, dated 24 April 2009, was received and is accepted as the application for the subject permit. Attached is the renewed permit amended in its entirety, and it incorporates 10 CFR Part 35 changes. MSgt Joel Swiderski is the RIC approved permit radiation safety officer (RSO); TSgt Brian McClain is the RIC approved alternate permit RSO. The permit code is 02120; the inspection frequency for this permit is every 3 years, unannounced; this permit expires 31 July 2014.

Please review the permit carefully to ensure that it authorizes the radioactive materials and uses as requested, authorized users, and that you understand all conditions. As a reminder, IAW AFI 40-201, *Managing Radioactive Materials in the USAF*, you must timely notify this office of any changes to the permittee and/or RSO. We recommend that the permittee (i.e., 3 MDOS/CC) and the permit RSOs annually review their responsibilities as specified in AFI 40-201.

If you have any questions regarding this permit, please contact me at DSN 425-0559; robert.rodgers-02@pentagon.af.mil or David Cessor-Culver at DSN 425-0035; david.cessor-culver.ctr@pentagon.af.mil. Please submit all permit action requests and official correspondence to USAF.RIC@pentagon.af.mil.

ROBERT A. RODGERS, Maj, USAF, BSC
Chief, Radiation Program Operations
Deputy Chief, Radioisotope Committee Secretariat
Air Force Medical Support Agency
Office of the Surgeon General

Attachment
Permit Number AK-01810-03/00AFP

cc:
HQ PACAF/SGGB
HQ AFIA/SGI (Lt Col Bias)
USNRC, Region IV (Ms. Browder)

RADIOACTIVE MATERIAL PERMIT

Page 1 of 4

USAF RADIOISOTOPE COMMITTEE

Pursuant to the authority stated in AFI 40-201, Managing Radioactive Materials in the USAF, and in reliance on statements made by the applicant, permission is hereby granted to receive, possess, transfer and store radioactive materials listed below, and to use this material for the purpose and at the places listed below. This document is not a valid permit unless it is endorsed by a representative of the USAF Radioisotope Committee.

1. ORGANIZATION 3 MDOS/CC 5955 ZEAMER AVENUE ELMENDORF AFB AK 99506-3700		2. PERMIT NO. AK-01810-03/00AFP	3. AMENDMENT NO. 0
		4. EXPIRATION DATE 31-Jul-2014	
		5. DOCKET NO. 030-22254	
6. PERMIT RSO: SWIDERSKI, JOEL		7. ALTERNATE PERMIT RSO: MCCLAIN, BRIAN	
8. RADIOACTIVE MATERIAL (Element and Mass Numbers)	9. CHEMICAL/PHYSICAL FORM (NSN or Model Number) (* denotes sealed sources)	10. MAXIMUM QUANTITY AUTHORIZED	
A. Any byproduct material permitted by 10 CFR Part 35.100	A. Any	A. As needed	
B. Any byproduct material permitted by 10 CFR Part 35.200, except Xenon 133	B. Any	B. As needed	
C. Sodium Iodide I-131 permitted by 10 CFR 35.300	C. Capsule	C. As needed	
11. AUTHORIZED USE A. Any uptake, dilution, and excretion study permitted by 10 CFR 35.100 B. Any imaging and localization study permitted by 10 CFR 35.200 C. Any sodium iodide I-131 procedure permitted by 10 CFR 35.300 for which the patient can be released under the provisions of 10 CFR 35.75.			
12. AUTHORIZED USERS			
NAME		AUTHORIZED USE	
Scott R. Naspinsky, M.D.		35.100; 35.200; 35.300	
Christopher M. Reed, M.D.		35.100; 35.200; 35.300	
Kelly D. Gage, M.D.		35.100; 35.200	
Jason H. Eves, M.D.		35.100; 35.200; 35.300	
John R. Wood		Non-medical uses/calibration only of items 8 A, B, C	
Joel T. Swiderski		Non-medical uses/calibration only of items 8 A, B, C; Nuclear Medicine technologist under the direction/supervision of Authorized Users for A, B, C	
Brian S. McClain		Non-medical uses/calibration only of items 8 A, B, C; Nuclear Medicine technologist under the direction/supervision of Authorized Users for A, B, C	
CONDITIONS			
13. The authority for this permit is U.S. Nuclear Regulatory Commission (NRC) Master Material License No. 42-23539-01AF issued to the USAF Radioisotope Committee and AFI 40-201, Managing Radioactive Materials in the USAF.			
14. The permittee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers: Inspection and Investigations", Part 20, "Standards for Protection Against Radiation", and Part 35, "Medical Use of Byproduct Material", except that all reports required by those parts must be made to the USAF Radioisotope Committee Secretariat. In addition, the permittee shall comply with all instructions and directives of the USAF Radioisotope Committee necessary to insure compliance.			
15. A. Permitted material may be used or stored only at the permittee's facilities located at Elmendorf AFB AK: (building 5955) rooms 1D170, 1D171, 1D172, 1D174, 1D175, 1D176, 1D177, and 1D179.			

RADIOACTIVE MATERIAL PERMIT
USAF RADIOISOTOPE COMMITTEE
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DOCKET NO.
030-22254

B. Permitted materials may be used at locations within building 5955 that are not specified above, for a limited time duration and without permit amendment, provided the permit radiation safety officer notifies the Radioisotope Committee Secretariat prior to the procedure/use and states the location of use, procedure to be performed, estimated length of time for the procedure, and the radionuclide to be used. A report must be provided by the permit radiation safety officer to the Radioisotope Committee Secretariat (USAF.RIC@pentagon.af.mil) within 5 duty days post room clearance/release indicating no residual contamination. In addition, the report shall include the exposure survey data showing compliance with 10 CFR 20.2012 and 10 CFR 20.2013 for the duration of the procedure.

16. A. Permitted material is only authorized for use by, or under supervision of individuals permitted to work as authorized users, authorized nuclear pharmacists, and/or authorized medical physicists in accordance with 10 CFR 35.13 and 35.14.
- B. Individuals seeking to work via this permit as authorized users, authorized nuclear pharmacists, authorized medical physicists, or radiation safety officers as defined in 10 CFR 35.2, shall meet the training, experience, and recentness of training criteria established in 10 CFR Part 35, and shall submit the appropriate Training and Experience form(s), NRC Form 313A, to the USAF Radioisotope Committee Secretariat (RIC) and receive RIC approval prior to performing those duties.
17. A. In addition to the possession limits in Item 10, the permittee shall further restrict the possession of permitted material to quantities below the minimum limit specified in 10 CFR 30.35(a)(1) for establishing decommissioning financial assurance.
- B. Notwithstanding the authorizations granted in Items 8, 9, and 10 of this permit, the permittee shall restrict unsealed radioactive materials possessed under this permit to those radionuclides with half lives less than 120 days.
18. The permittee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the permit. Records of inventories shall be maintained for 5 years from the date of the inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.
19. For sealed sources not associated with 10 CFR Part 35 use, the following conditions apply:
- A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the NRC under 10 CFR 32.210 or under equivalent regulations of an Agreement State.
- B. Notwithstanding Paragraph A of this Condition, sealed sources designed primarily to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months.
- C. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the NRC under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.
- D. Sealed sources need not be tested if they contain only hydrogen-3; or they contain only a radioactive gas; or the half-life of the isotope is 30 days or less; or they contain not more than 100 microcuries of beta- and/or gamma-emitting material or not more than 10 microcuries of alpha-emitting material.
- E. Sealed sources need not be tested if they are in storage and are not being used; however, when they are removed from storage for use or transferred to another person and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.
- F. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed within 5 days of the test with the USAF Radioisotope Committee Secretariat (AFMSA/SG3PB, 1400 Key Blvd, Nash Bldg, Ste 400, Rosslyn, VA 22209-1554), and the source shall be removed immediately from service and decontaminated, repaired, or disposed. The report shall include a description of the equipment involved, the test results, and the corrective action taken.

RADIOACTIVE MATERIAL PERMIT
USAF RADIOISOTOPE COMMITTEE
SUPPLEMENTARY

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AMENDMENT NO.

0

DOCKET NO.

030-22254

G. Tests for leakage and/or contamination, including leak test sample collection and analysis, shall be performed by the permittee and forwarded to USAFSAM (USAFSAM/OEHH, 2350 Gillingham Dr, Brooks City-Base TX 78235-5103) or by other persons specifically licensed by the NRC, Agreement State, or Master Material License to perform such services.

H. Records of leak test results shall be kept in units of microcuries and shall be maintained for 5 years.

20. For radioactive material held for decay in storage other than that held in accordance with 10 CFR 35.92, the permittee is authorized to hold radioactive material with a physical half-life or less than or equal to 120 days for decay-in-storage before disposal in ordinary trash, provided the permittee:
- A. Monitors byproduct material at the surface before disposal and determines that its radioactivity cannot be distinguished from the background radiation level with an appropriate radiation detection survey meter set on its most sensitive scale and with no interposed shielding; and
 - B. Removes or obliterates all radiation labels, except for radiation labels on materials that are within containers and that will be managed as biomedical waste after they have been released from the permittee; and
 - C. Maintains records of the disposal of permitted materials for 3 years. The record must include the date of the disposal, the survey instrument used, the background radiation level, the radiation level measured at the surface of each waste container, and the name of the individual who performed the disposal.
21. A. The permittee is authorized to transport permitted material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transport of Radioactive Material."
- B. Transfer of permitted material may only be to an authorized recipient as described in 10 CFR 30.41 and in accordance with AFI 40-201.
22. A. The permittee shall ensure that a qualified Air Force bioenvironmental engineer (43E3G or 43E3M) from a regional medical physics office (ref: AFI 48-148, Atch 5) or a qualified civilian medical health physicist performs a permit program review using the current version of NUREG 1556 vol 9 Audit Form or equivalent; the frequency for review shall not exceed 24 months from the last program review. A copy of the staff assistance visit (SAV) report shall be forwarded to the USAF Radioisotope Committee Secretariat (AFMSA/SG3PB) and the Air Force Inspection Agency (AFIA/SGI) within 30 days of report publication. Questions regarding the qualifications of civilian medical health physicists should be directed to the regional medical physics office.
- B. For any violations or deficiencies of NRC and/or Air Force requirement identified in the SAV report, the permittee shall provide a corrective action report within 60 days of the SAV report to the regional medical physics office for adjudication and closeout; a copy of the corrective action report and closeout letter shall be sent to the USAF Radioisotope Committee Secretariat (AFMSA/SG3PB) and the Air Force Inspection Agency (AFIA/SGI).
23. Except as specifically provided otherwise in this permit, the permittee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This permit condition applies only to those procedures that are required to be submitted in accordance with NRC regulations and Air Force directives. Additionally, this permit condition does not limit the permittee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. The NRC's regulations or Air Force directives shall govern unless the statements, representations, and procedures in the permittee's application and correspondence are more restrictive than the regulations or directives.

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USAF RADIOISOTOPE COMMITTEE
SUPPLEMENTARY

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PERMIT NO.

AK-01810-03/00AFP

AMENDMENT NO.

0

DOCKET NO.

030-22254

DOCUMENT REFERENCE

3 MDOS/CC (Memo)
AFMSA/SG3PB (Memo)
3 MDOS/CC (Memo)

SUBJECT

Permit Renewal Application
Deficiency Memo - Permit Renewal Application
Response to Deficiency Memo - Permit Renewal Application
resubmitted in full

DATE

24-Feb-2009
09-Apr-2009
24-Apr-2009

The Nuclear Regulatory Commission's regulations and United States Air Force directives shall govern the permittee's statements in applications or letters, unless the statements are more restrictive than the regulations and directives.

Date

FOR THE USAF RADIOISOTOPE COMMITTEE

24 July 2009

By

Robert A. Rodgers

ROBERT A. RODGERS, Maj, USAF, BSC
Chief, Radiation Program Operations
Deputy Chief, USAF Radioisotope Committee Secretariat
Air Force Medical Support Agency
Office of the Surgeon General

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July 9, 2012

Roberto J. Torres
Senior Health Physicist
U.S. Nuclear Regulatory Commission - Region IV
Division of Nuclear Materials Safety
Nuclear Materials Safety Branch B
612 East Lamar Boulevard, Suite 400
Arlington, Texas 76011-4125

Subject: Amendment to Radioactive Materials License 50-17838-01
Addition of Scott R. Naspinsky, M.D. as Authorized User for 10 CFR
35.100, 10 CFR 35.200 and 10 CFR 35.300

Dear Mr. Torres,

We wish to amend our Radioactive Materials License to add Scott R. Naspinsky, M.D. as Authorized User for 10 CFR 35.100, 10 CFR 35.200 and 10 CFR 35.300.

Please note that Dr. Scott R. Naspinsky is the Authorized User for 10 CFR 35.100, 10 CFR 35.200 and 10 CFR 35.300 on the standing Radioactive Material Permit issued by USAF Radioisotope Committee (Permit No. AK-01810-03/00AFP).

Please see the attached for the documentation.

Should you have any questions please contact me at (907)212-5691.

Sincerely,

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

Yongli Ning, M.S.
Chief Medical Physicist - Radiation Oncology
Radiation Safety Officer
Providence Alaska Medical Center
3200 Providence Drive
Anchorage, AK 99516-6604

Tel: (907)212-5691
Email: yning@provak.org

PUBLIC

- ☐ Immediate Release
☒ Normal Release

NON-PUBLIC

- ☐ A.3 Sensitive-Security Related
☐ A.7 Sensitive Internal
☐ Other: _____

Reviewer: fw Date: 7/24/12

5 7 7 8 7 6



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON DC

24 July 2009

MEMORANDUM FOR 3 MDOS/CC
3 MDOS/SGOXXN
IN TURN

FROM: AFMSA/SG3PB
1400 Key Blvd, Nash Bldg, Ste #400
Rosslyn, VA 22209-1554

SUBJECT: Permit Renewal, USAF Radioactive Material Permit Number AK-01810-02/07AFP,
Docket Number 030-22254

To the Permit RSO: Please make a copy for your files.

We received a permit renewal application, dated 24 February 2009, for the subject permit; a revised application, dated 24 April 2009, was received and is accepted as the application for the subject permit. Attached is the renewed permit amended in its entirety, and it incorporates 10 CFR Part 35 changes. MSgt Joel Swiderski is the RIC approved permit radiation safety officer (RSO); TSgt Brian McClain is the RIC approved alternate permit RSO. The permit code is 02120; the inspection frequency for this permit is every 3 years, unannounced; this permit expires 31 July 2014.

Please review the permit carefully to ensure that it authorizes the radioactive materials and uses as requested, authorized users, and that you understand all conditions. As a reminder, IAW AFI 40-201, *Managing Radioactive Materials in the USAF*, you must timely notify this office of any changes to the permittee and/or RSO. We recommend that the permittee (i.e., 3 MDOS/CC) and the permit RSOs annually review their responsibilities as specified in AFI 40-201.

If you have any questions regarding this permit, please contact me at DSN 425-0559; robert.rodgers-02@pentagon.af.mil or David Cessor-Culver at DSN 425-0035; david.cessor-culver.ctr@pentagon.af.mil. Please submit all permit action requests and official correspondence to USAF.RIC@pentagon.af.mil.

Robert A. Rodgers

ROBERT A. RODGERS, Maj, USAF, BSC
Chief, Radiation Program Operations
Deputy Chief, Radioisotope Committee Secretariat
Air Force Medical Support Agency
Office of the Surgeon General

Attachment
Permit Number AK-01810-03/00AFP

cc:
HQ PACAF/SGGB
HQ AFIA/SGI (Lt Col Bias)
USNRC, Region IV (Ms. Browder)

No 5 7 7 8 7 6

RADIOACTIVE MATERIAL PERMIT

Page 1 of 4

USAF RADIOISOTOPE COMMITTEE

Pursuant to the authority stated in AFI 40-201, Managing Radioactive Materials in the USAF, and in reliance on statements made by the applicant, permission is hereby granted to receive, possess, transfer and store radioactive materials listed below, and to use this material for the purpose and at the places listed below. This document is not a valid permit unless it is endorsed by a representative of the USAF Radioisotope Committee.

1. ORGANIZATION 3 MDOS/CC 5955 ZEAMER AVENUE ELMENDORF AFB AK 99506-3700	2. PERMIT NO. AK-01810-03/00AFP	3. AMENDMENT NO. 0
	4. EXPIRATION DATE 31-Jul-2014	
	5. DOCKET NO. 030-22254	

6. PERMIT RSO: SWIDERSKI, JOEL	7. ALTERNATE PERMIT RSO: MCCLAIN, BRIAN
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8. RADIOACTIVE MATERIAL (Element and Mass Numbers)	9. CHEMICAL/PHYSICAL FORM (NSN or Model Number) (* denotes sealed sources)	10. MAXIMUM QUANTITY AUTHORIZED
A. Any byproduct material permitted by 10 CFR Part 35.100	A. Any	A. As needed
B. Any byproduct material permitted by 10 CFR Part 35.200, except Xenon 133	B. Any	B. As needed
C. Sodium Iodide I-131 permitted by 10 CFR 35.300	C. Capsule	C. As needed

11. AUTHORIZED USE

A. Any uptake, dilution, and excretion study permitted by 10 CFR 35.100

B. Any imaging and localization study permitted by 10 CFR 35.200

C. Any sodium iodide I-131 procedure permitted by 10 CFR 35.300 for which the patient can be released under the provisions of 10 CFR 35.75.

12. AUTHORIZED USERS NAME	AUTHORIZED USE
Scott R. Naspinsky, M.D.	35.100; 35.200; 35.300
Christopher M. Reed, M.D.	35.100; 35.200; 35.300
Kelly D. Gage, M.D.	35.100; 35.200
Jason H. Eves, M.D.	35.100; 35.200; 35.300
John R. Wood	Non-medical uses/calibration only of items 8 A, B, C
Joel T. Swiderski	Non-medical uses/calibration only of items 8 A, B, C; Nuclear Medicine technologist under the direction/supervision of Authorized Users for A, B, C
Brian S. McClain	Non-medical uses/calibration only of items 8 A, B, C; Nuclear Medicine technologist under the direction/supervision of Authorized Users for A, B, C

CONDITIONS

13. The authority for this permit is U.S. Nuclear Regulatory Commission (NRC) Master Material License No. 42-23539-01AF issued to the USAF Radioisotope Committee and AFI 40-201, Managing Radioactive Materials in the USAF.
14. The permittee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers: Inspection and Investigations", Part 20, "Standards for Protection Against Radiation", and Part 35, "Medical Use of Byproduct Material", except that all reports required by those parts must be made to the USAF Radioisotope Committee Secretariat. In addition, the permittee shall comply with all instructions and directives of the USAF Radioisotope Committee necessary to insure compliance.
15. A. Permitted material may be used or stored only at the permittee's facilities located at Elmendorf AFB AK: (building 5955) rooms 1D170, 1D171, 1D172, 1D174, 1D175, 1D176, 1D177, and 1D179.

No. 577876

RADIOACTIVE MATERIAL PERMIT
USAF RADIOISOTOPE COMMITTEE
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PERMIT NO.
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AMENDMENT NO.
0

DOCKET NO.
030-22254

B. Permitted materials may be used at locations within building 5955 that are not specified above, for a limited time duration and without permit amendment, provided the permit radiation safety officer notifies the Radioisotope Committee Secretariat prior to the procedure/use and states the location of use, procedure to be performed, estimated length of time for the procedure, and the radionuclide to be used. A report must be provided by the permit radiation safety officer to the Radioisotope Committee Secretariat (USAF.RIC@pentagon.af.mil) within 5 duty days post room clearance/release indicating no residual contamination. In addition, the report shall include the exposure survey data showing compliance with 10 CFR 20.2012 and 10 CFR 20.2013 for the duration of the procedure.

16. A. Permitted material is only authorized for use by, or under supervision of individuals permitted to work as authorized users, authorized nuclear pharmacists, and/or authorized medical physicists in accordance with 10 CFR 35.13 and 35.14.

B. Individuals seeking to work via this permit as authorized users, authorized nuclear pharmacists, authorized medical physicists, or radiation safety officers as defined in 10 CFR 35.2, shall meet the training, experience, and recentness of training criteria established in 10 CFR Part 35, and shall submit the appropriate Training and Experience form(s), NRC Form 313A, to the USAF Radioisotope Committee Secretariat (RIC) and receive RIC approval prior to performing those duties.

17. A. In addition to the possession limits in Item 10, the permittee shall further restrict the possession of permitted material to quantities below the minimum limit specified in 10 CFR 30.35(a)(1) for establishing decommissioning financial assurance.

B. Notwithstanding the authorizations granted in Items 8, 9, and 10 of this permit, the permittee shall restrict unsealed radioactive materials possessed under this permit to those radionuclides with half lives less than 120 days.

18. The permittee shall conduct a physical inventory every 6 months to account for all sources and/or devices received and possessed under the permit. Records of inventories shall be maintained for 5 years from the date of the inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.

19. For sealed sources not associated with 10 CFR Part 35 use, the following conditions apply:

A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the NRC under 10 CFR 32.210 or under equivalent regulations of an Agreement State.

B. Notwithstanding Paragraph A of this Condition, sealed sources designed primarily to emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months.

C. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the NRC under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.

D. Sealed sources need not be tested if they contain only hydrogen-3; or they contain only a radioactive gas; or the half-life of the isotope is 30 days or less; or they contain not more than 100 microcuries of beta- and/or gamma-emitting material or not more than 10 microcuries of alpha-emitting material.

E. Sealed sources need not be tested if they are in storage and are not being used; however, when they are removed from storage for use or transferred to another person and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.

F. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed within 5 days of the test with the USAF Radioisotope Committee Secretariat (AFMSA/SG3PB, 1400 Key Blvd, Nash Bldg, Ste 400, Rosslyn, VA 22209-1554), and the source shall be removed immediately from service and decontaminated, repaired, or disposed. The report shall include a description of the equipment involved, the test results, and the corrective action taken.

RADIOACTIVE MATERIAL PERMIT
USAF RADIOISOTOPE COMMITTEE
SUPPLEMENTARY

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PERMIT NO. AK-01810-03/00AFP
AMENDMENT NO. 0
DOCKET NO. 030-22254

G. Tests for leakage and/or contamination, including leak test sample collection and analysis, shall be performed by the permittee and forwarded to USAFSAM (USAFSAM/OEHH, 2350 Gillingham Dr, Brooks City-Base TX 78235-5103) or by other persons specifically licensed by the NRC, Agreement State, or Master Material License to perform such services.

H. Records of leak test results shall be kept in units of microcuries and shall be maintained for 5 years.

20. For radioactive material held for decay in storage other than that held in accordance with 10 CFR 35.92, the permittee is authorized to hold radioactive material with a physical half-life or less than or equal to 120 days for decay-in-storage before disposal in ordinary trash, provided the permittee:
- A. Monitors byproduct material at the surface before disposal and determines that its radioactivity cannot be distinguished from the background radiation level with an appropriate radiation detection survey meter set on its most sensitive scale and with no interposed shielding; and
 - B. Removes or obliterates all radiation labels, except for radiation labels on materials that are within containers and that will be managed as biomedical waste after they have been released from the permittee; and
 - C. Maintains records of the disposal of permitted materials for 3 years. The record must include the date of the disposal, the survey instrument used, the background radiation level, the radiation level measured at the surface of each waste container, and the name of the individual who performed the disposal.
21. A. The permittee is authorized to transport permitted material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transport of Radioactive Material."
- B. Transfer of permitted material may only be to an authorized recipient as described in 10 CFR 30.41 and in accordance with AFI 40-201.
22. A. The permittee shall ensure that a qualified Air Force bioenvironmental engineer (43E3G or 43E3M) from a regional medical physics office (ref: AFI 48-148, Atch 5) or a qualified civilian medical health physicist performs a permit program review using the current version of NUREG 1556 vol 9 Audit Form or equivalent; the frequency for review shall not exceed 24 months from the last program review. A copy of the staff assistance visit (SAV) report shall be forwarded to the USAF Radioisotope Committee Secretariat (AFMSA/SG3PB) and the Air Force Inspection Agency (AFIA/SGI) within 30 days of report publication. Questions regarding the qualifications of civilian medical health physicists should be directed to the regional medical physics office.
- B. For any violations or deficiencies of NRC and/or Air Force requirement identified in the SAV report, the permittee shall provide a corrective action report within 60 days of the SAV report to the regional medical physics office for adjudication and closeout; a copy of the corrective action report and closeout letter shall be sent to the USAF Radioisotope Committee Secretariat (AFMSA/SG3PB) and the Air Force Inspection Agency (AFIA/SGI).
23. Except as specifically provided otherwise in this permit, the permittee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This permit condition applies only to those procedures that are required to be submitted in accordance with NRC regulations and Air Force directives. Additionally, this permit condition does not limit the permittee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. The NRC's regulations or Air Force directives shall govern unless the statements, representations, and procedures in the permittee's application and correspondence are more restrictive than the regulations or directives.

RADIOACTIVE MATERIAL PERMIT
USAF RADIOISOTOPE COMMITTEE
SUPPLEMENTARY

Page 4 of 4

PERMIT NO.

AK-01810-03/00AFP

AMENDMENT NO.

0

DOCKET NO.

030-22254

DOCUMENT REFERENCE

3 MDOS/CC (Memo)
AFMSA/SG3PB (Memo)
3 MDOS/CC (Memo)

SUBJECT

Permit Renewal Application
Deficiency Memo - Permit Renewal Application
Response to Deficiency Memo - Permit Renewal Application
resubmitted in full

DATE

24-Feb-2009
09-Apr-2009
24-Apr-2009

The Nuclear Regulatory Commission's regulations and United States Air Force directives shall govern the permittee's statements in applications or letters, unless the statements are more restrictive than the regulations and directives.

Date

FOR THE USAF RADIOISOTOPE COMMITTEE

24 July 2009

By

Robert A. Rodgers

ROBERT A. RODGERS, Maj, USAF, BSC
Chief, Radiation Program Operations
Deputy Chief, USAF Radioisotope Committee Secretariat
Air Force Medical Support Agency
Office of the Surgeon General

No. 577876



DATE
07/16/2012

NAME AND ADDRESS OF APPLICANT AND/OR LICENSEE Providence Alaska Medical Center ATTN: Yongli Ning, M.S., Radiation Safety Officer 3200 Providence Drive P.O. Box 196604 Anchorage, Alaska 99519-6604	LICENSE NUMBER 50-17838-01
	MAIL CONTROL NUMBER 577876
	LICENSING AND/OR TECHNICAL REVIEWER ch

This is to acknowledge the receipt of your:

☒ LETTER and/or ☐ APPLICATION DATED: 07/09/2012

The initial processing, which included an administrative review, has been performed.

☒ AMENDMENT ☐ TERMINATION ☐ NEW LICENSE ☐ RENEWAL

- ☒ There were no administrative omissions identified during our initial review.
- ☐ This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.
- ☐ Your application for a new NRC license did not include your taxpayer identification number. Please fill out NRC Form 531, located at the following link:

<http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>

Send the completed NRC Form 531, by facsimile, to the following number: (301) 415-5387

A copy of your action has been emailed to our License Fee and Accounts Receivable Branch, in our Headquarters office in Rockville, MD. You will be contacted separately if there is a fee issue involved.

Your application has been assigned the above listed **MAIL CONTROL NUMBER**. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

Region IV
U. S. Nuclear Regulatory Commission
DNMS/NMSB - B
1600 E. Lamar Boulevard
Arlington, TX 76011-4511
(817) 200-1103 or (817) 200-1140

✓ 7/16

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM LTS

Program Code: 02230
Status Code: Pending Amendment
Fee Category: 7C
Exp. Date: 03/31/2015
Fee Comments:
Decom Fin Assur Req: N

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: PROVIDENCE ALASKA MEDICAL CENTER
Received Date: 07/16/2012
Docket Number: 3013426
Mail Control Number: 577876
License Number: 50-17838-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____

Check No.: _____

3. COMMENTS

Signed: _____

Date: _____

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: _____