

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, 36, 37, 39, 40, 70 and 71, 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. Avera Queen of Peace Health Services 2. 525 North Foster Mitchell, SD 57301-2000		In accordance with letter dated March 13, 2019. 3. License number: 40-15633-01 is amended in its entirety to read as follows:	4. Expiration Date: October 31, 2023 5. Docket No.: 030-09486 Reference No.:
6. Byproduct, source, and/or special nuclear material A. Any byproduct material permitted by 10 CFR 35.100 B. Any byproduct material permitted by 10 CFR 35.200 C. Any byproduct material permitted by 10 CFR 35.300	7. Chemical and/or physical form A. Any B. Any C. Any	8. Maximum amount that licensee may possess at any one time under this license A. As Needed B. As Needed C. 900 millicuries total	9. Authorized use A. For use in uptake, dilution and excretion studies permitted by 10 CFR 35.100. B. For use in imaging and localization studies permitted by 10 CFR 35.200. C. For any use permitted by 10 CFR 35.300.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

40-15633-01

Docket or Reference Number

030-09486

Amendment No. 44

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| 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 | 9. Authorized use |
| D. Iodine-125 permitted by 10 CFR 35.400 | D. Sealed Sources (Bard Brachytherapy, Inc., Model STM-1251; Best Medical International, Inc., Model 2300 Series; Core Oncology, Inc., Model I125SH; I125SL; International Brachytherapy, Inc., Model 1251L; IsoAid, LLC, Model IAI-125A; Medi-Physics, Inc., Model 6711; 6733; North American Scientific, Inc., Model MED 3631 SurTRAK Strand; Theragenics Corporation, Model I25.S06) | D. 4 curies total | D. For any manual brachytherapy procedure permitted by 10 CFR 35.400. |
| E. Palladium-103 permitted by 10 CFR 35.400 | E. Sealed Sources (International Brachytherapy, Inc., Model 1032P; IsoAid, LLC, Model IAPd-103A; North American Scientific, Inc., Model MED 3633 SurTRAK Strand; Theragenics Corporation, Model 200) | E. 4 curies total | E. For any manual brachytherapy procedure permitted by 10 CFR 35.400. |
| F. Any byproduct material permitted by 10 CFR 31.11 | F. Prepackaged Kits | F. 50 millicuries total | F. For use in in-vitro studies. |

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at 525 North Foster, Mitchell, South Dakota.

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11. The Radiation Safety Officer (RSO) for this license is Michelle White, BA, CNMT.

12. Licensed material shall only be used by, or under the supervision of:

A. Individuals permitted to work as authorized users in accordance with 10 CFR 35.13 and 10 CFR 35.14.

B. The following individuals are authorized users for the material and medical uses as indicated:

Authorized Users

Kevin Casper, M.D.

Stephen J. Dick, M.D.

Christopher Gregory, M.D.

Brad Alan Paulson, M.D.

Daryl C. Rife, M.D.

Kelly Don Smith, M.D.

Andrew I. Soye, M.D.

Kevin J. Turneau, M.D.

Material and Use

35.100; 35.200; Oral administration of sodium iodide I-131; Parenteral administration of any beta-emitter; or photon-emitting radionuclide with a photon energy less than 150 keV for which a written directive is required

35.300; 35.400

35.100; 35.200; 35.300

35.100; 35.200; 35.300; 31.11

35.100; 35.200; 35.300; 31.11

35.100; 35.200; 31.11

35.100; 35.200; 35.300

35.100; 35.200; Oral administration of sodium iodide I-131 in quantities less than or equal to 33 millicuries

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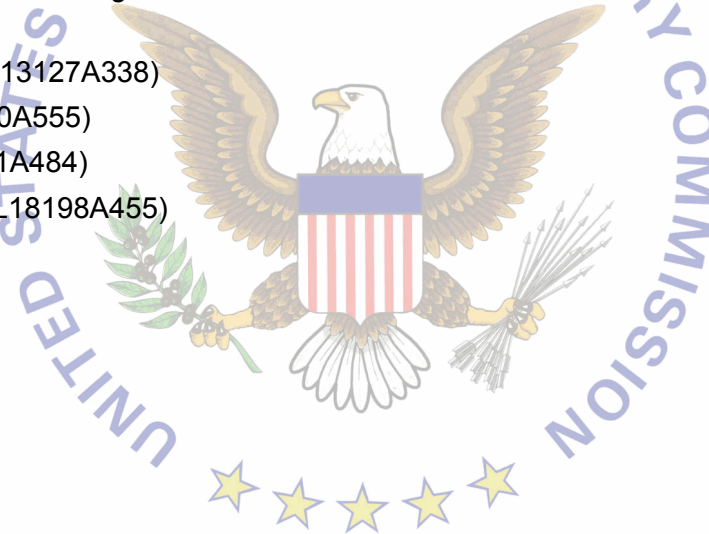
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13. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. This license condition applies only to those procedures that are required to be submitted in accordance with the regulations. Additionally, this license condition does not limit the licensee's ability to make changes to the radiation protection program as provided for in 10 CFR 35.26. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Application dated April 24, 2013 (ML13127A338)
- B. Letter dated April 28, 2014 (ML14140A555)
- C. Letter dated July 10, 2015 (ML15191A484)
- D. Application dated June 20, 2018 (ML18198A455)



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: June 7, 2019By: /RA/
Michelle R. Simmons
Region 4