



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-4005**

November 24, 2004

Campbell County Memorial Hospital
ATTN: Alan L. Mitchell, M.D.
Radiation Safety Officer
501 South Burma
Gillette, Wyoming 82716

SUBJECT: CORRECTED COPY TO LICENSE AMENDMENT NO. 18

Please find enclosed a corrected copy to Amendment No. 18 of NRC License No. 49-18030-01. This corrected copy incorporates Isotope Products Laboratories, Inc. NES8412 in Item 7.G., as a transmission line source for the ADAC SPECT camera, as requested on October 19, 2004. In a review of the sealed source and device registry (SS&D) for Bristol-Myers Squibb Medical Imaging for NES-8412 transmission line source, the manufacturer references SS&D sheet #CA-0406-S-204-S, and states in part that the manufacturer [Bristol-Myer Squibb] requested that their SS&D sheet be inactivated since the model NES-8412 source was listed on SS&D sheet #CA-0406-S-204-S. The referenced SS&D sheet #CA-0406-S-204-S is for Isotope Products Laboratories transmission line source NES8412. Therefore, your license correctly reflects the manufacturer of the subject source.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

If you have any questions, regarding this corrected copy to your license, please contact me at (817) 276-6552.

Sincerely,

/RA/

Rachel S. Browder, Health Physicist
Nuclear Materials Licensing Branch

License: 49-18030-01
Docket: 030-14365
Control: 470217

MATERIALS LICENSE**CORRECTED COPY**

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, 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.

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| Licensee 1. Campbell County Memorial Hospital 2. 501 South Burma Gillette, Wyoming 82716 | | In accordance with letter dated October 19, 2004 3. License number 49-18030-01 is amended in its entirety to read as follows: 4. Expiration date November 30, 2004 5. Docket No. 030-14365 Reference No. |
| 6. Byproduct, source, and/or special nuclear material A. Any byproduct material identified in 10 CFR 35.100 B. Any byproduct material identified in 10 CFR 35.200 C. Iodine-131 D. Yttrium-90 E. Yttrium-90 F. Any byproduct material identified in 10 CFR 31.11 G. Gadolinium-153 | 7. Chemical and/or physical form A. Any radiopharmaceutical identified in 10 CFR 35.100 B. Any radiopharmaceutical identified in 10 CFR 35.200 C. Iodide D. Ibritumomab Tiuxetan (IDEC Pharmaceuticals Zevalin) E. Unsealed liquid radiopharmaceutical sources (IDEC Pharmaceuticals Zevalin) F. Prepackaged Kits G. Sealed sources (North American Scientific Model 3601; Isotope Products Laboratories, Inc., Model A3410 and NES8412) | 8. Maximum amount that licensee may possess at any one time under this license A. As needed B. As needed C. Not to exceed the patient release limits specified in 10 CFR 35.75(a) and 100 millicuries total D. Not to exceed the patient release limits specified in 10 CFR 35.75(a) and 100 millicuries total E. Not to exceed 2 sources, 110 millicuries total activity F. As needed G. 300 millicuries per source not to exceed 1 curie total |

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
49-18030-01Docket or Reference Number
030-14365

Amendment No. 18

CORRECTED COPY

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. For treatment of non-Hodgkin's lymphoma.
- E. To be used for dose calibrator checks and calibrations and quality assurance testing.
- F. In vitro studies.
- G. For use in ADAC Laboratories Models 2146-3436 and 2146-3440 transmission line source housings for attenuation corrections in SPECT imaging systems.

CONDITIONS

- 10. Location of use: 501 South Burma, Gillette, Wyoming
- 11. Radiation Safety Officer: Alan Mitchell, M.D.
- 12. Authorized Users:
 - A. James R. LaManna, M.D., for material identified in 10 CFR 35.100, 35.200, 31.11 and Gadolinium-153.
 - B. Joseph J. Lawrence, D.O., for material identified in 10 CFR 35.100, 35.200, 31.11, Iodine-131 for treatment of hyperthyroidism and cardiac dysfunction, Yttrium-90 for treatment of non-Hodgkin's lymphoma, and Gadolinium-153.
 - C. Alan Mitchell, M.D., for material identified in 10 CFR 35.100, 35.200, 31.11, Iodine-131 for treatment of hyperthyroidism and cardiac dysfunction, Yttrium-90 for treatment of non-Hodgkin's lymphoma, and Gadolinium-153.
- 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 financial assurance for decommissioning.
- 14. A. The licensee shall use the material in Subitem 6.E. in accordance with all appropriate radiation safety program elements contained in this license and referenced in License Condition No. 15.
 - B. The licensee shall use remote handling tools and low-density plastic shielding for vials, syringes, and wastes when handling the material in Subitem 6.E.

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15. 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 received November 5, 1993
 - B. Letter dated July 20, 1999
 - C. Facsimile received February 16, 2001



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

/RA/Date: November 24, 2004

By: _____

Rachel S. Browder, Health Physicist
Nuclear Materials Licensing Branch
Region IV
Arlington, Texas 76011