

MATERIALS LICENSE

Amendment No. 08

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 June 18, 1985	
1. Steven A. Artz, M.D. Medical Staff Building, Suite 911		3. License number 47-16156-01 is amended in its entirety to read as follows:	
2. 3100 MacCorkle Avenue, S.E. Charleston, West Virginia 25304		4. Expiration date August 31, 1990	
		5. Docket or Reference No. 030-10506	
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 listed in Groups I and II of Schedule A, Section 35.100 of 10 CFR 35	A. Any radiopharmaceutical listed in Groups I and II of Schedule A, Section 35.100 of 10 CFR 35	A. As necessary for uses authorized in Subitem 9.A.	
B. Any byproduct material listed in Group III of Schedule A, Section 35.100 of 10 CFR 35	B. Any form listed in Group III of Schedule A, Section 35.100 of 10 CFR 35	B. 2 curies of each byproduct material authorized in Subitem 6.B.	
C. Iodine 131	C. Iodide	C. 30 millicuries	
D. Phosphorus 32	D. Soluble phosphate	D. 30 millicuries	
9. Authorized use			
A. Any diagnostic procedure listed in Groups I and II of Schedule A, Section 35.100 of Title 10, Code of Federal Regulations.			
B. Preparation and use of radiopharmaceuticals for any diagnostic procedure listed in Group III of Schedule A, Section 35.100 of Title 10, Code of Federal Regulations.			
C. For treatment of hyperthyroidism and cardiac dysfunction.			
D. For treatment of polycythemia vera, leukemia, and bone metastass.			

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MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

47-16156-01

Docket or Reference number

030-10506

Amendment No. 08

CONDITIONS

10. Licensed material shall be used only at the Medical Staff Building, Suite 911, 3100 MacCorkle Avenue, S.E., Charleston, West Virginia. In accordance with the procedures described in attachments to the licensee's application dated June 18, 1985, up to 30 microcuries of iodine 131 contained in a single capsule may be transferred to designated patients for removal to their homes for ingestion at a later time and subsequent return for uptake analysis.
11. The licensee shall comply with the provisions of Title 10, Chapter 1, Code of Federal Regulations, Part 19, "Notices, Instructions and Reports to Workers; Inspections" and Part 20, "Standards for Protection Against Radiation."
12. Licensed material shall be used by Steven A. Artz, M.D.
13. Licensed material shall be used in accordance with the provisions of Section 35.14(b)(c)(e) and (f) of Title 10, Code of Federal Regulations.
14. The licensee is authorized to hold radioactive material with a physical half-life of less than 65 days for decay in storage before disposal in ordinary trash provided:
- A. Radioactive waste to be disposed of in this manner shall be held for decay a minimum of ten (10) half-lives.
 - B. Prior to disposal as normal waste, radioactive waste shall be monitored to determine that its radioactivity cannot be distinguished from background with typical low-level laboratory survey instruments. All radiation labels will be removed or obliterated.
 - C. Generator columns shall be segregated so that they may be monitored separately to ensure decay to background levels prior to disposal.
15. Except as specifically provided otherwise by this license, the licensee shall possess and use licensed material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application dated June 18, 1985. The Nuclear Regulatory Commission's regulations shall govern the licensee's statements in applications or letters, unless the statements are more restrictive than the regulations.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

PAUL R. GUINN

Date JUL 24 1985

By

Paul R. Guinn
Region II, Nuclear Materials
Safety Section
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