

## MATERIALS LICENSE

Amendment No. 12

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 May 23, 1985	
1. Northern Indiana Medical Lab. Services, Inc.		3. License number 13-11758-01 is amended in its entirety to read as follows:	
2. 422 Franklin Street Michigan City, IN 46360		4. Expiration date October 31, 1990	
		5. Docket or Reference No. 030-01653	
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 Group I of Schedule A, Section 35.100 of 10 CFR 35	A. Any radiopharmaceutical listed in Group I 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 Section 31.11(a) of 10 CFR 31	B. Prepackaged kits	B. 3 millicuries of each byproduct material authorized in Subitem 6.B	
9. Authorized Use			
A. Any diagnostic procedure listed in Group I of Schedule A, Section 35.100 of Title 10, Code of Federal Regulations.			
B. <u>In vitro</u> studies.			

## CONDITIONS

10. A. Licensed material listed in Items 6.A. and 6.B. may be used and stored only at  
422 Franklin Street, Michigan City, Indiana.
- B. Licensed material listed in Item 6.A. (Group I prepared radiopharmaceuticals)  
may only be administered to patients at the following locations:

Memorial Hospital  
5th and Pine Streets  
Michigan City, Indiana

St. Anthony Hospital  
301 W. Homer Street  
Michigan City, Indiana

Walters Hospital  
3714 Franklin Street  
Michigan City, Indiana

Porter Memorial Hospital  
814 LaPorte Avenue  
Valparaiso, Indiana

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**MATERIALS LICENSE**  
SUPPLEMENTARY SHEET

License number

13-11758-01

Docket or Reference number

030-01653

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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 Robert E. McBride, M.D., Thomas A. Roberts, M.D., George A. Azar, M.D. or G. Gregory Gates, M.D.
13. 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.
14. The licensee may transport licensed material or deliver licensed material to a carrier for transport in accordance with the provisions of Title 10, Code of Federal Regulations, Part 71, "Packaging of Radioactive Material for Transport and Transportation of Radioactive Material Under Certain Conditions."
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 May 23, 1985 and ALARA Program dated May 26, 1981. 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

OCT 16 1985

Date \_\_\_\_\_

Original Signed  
By Cassandra McDonald  
Materials Licensing Section, Region III

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