FORM AEG-374 (M-3) (5-72) 10 CFR 30

## U. S. ATOMIC ENERGY COMMISSION Page 1 of

(Medical - Groups - & II)

Page 1 of \_\_\_\_\_ Pages

andment No. 17

Pursuant to the Atomic Energy Act of 1954 and Title 10, Code of Federal Regulations, Chapter 1, Parts 30, 32, 33, 34, and 35, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, own, possess, transfer and import byproduct material listed below; and to use such byproduct material for the purpose(s) and at the place(s) designated below. 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 Atomic Energy Commission now or hereafter in effect and to any conditions specified below.

	<u></u>	THE CONSTRUCTOR SHEEL AND
1. Woodland Medical Gro	upsychological Hidry at Alexandre	27, 1975, Number 21-13255-01, 1s amended
- minute to prove the second	in its e	ntirety to read as follows:
2. 22341 W. Eight Mile Detroit, Michigan 4	Road 8219 - 4. Expiral	tion date May 31, 1979
(holen man her	and the state the state of the state of the	Price No?: With Market States
6. Byproduct material	Divit 7. Chemical and/or physical	8. Maximum amount of radioac- tivity which licensee may
element and mass numbe	No word a formalian of Carlon and A	tivity which licensee may
islasses sitt - of	Here a chick course to another	possess at any one time
A. Any byproduct	AltAny radio-pole (	. SUGAJAShecessary JUBHRANG
material listed	pharmaceutical	for uses
in Groups I and	listed in Groups	
II of Schedule A,	in the stand life of a star star star	ur ha h <b>Subitem 9. A</b> subject 1
Section 35,100	Schedule A, Section 35.100	Leaded Arenda Historia
of 10 CFR: 35	Section 35.100	
- HIBHOT HARL COM CHI	B. Any form listed in Group	Couldade J. prifetane in a friende A
material listed	B. Any form	B. 2. curies of each
in Group III	listed in Group	byproduct material
of Schedule A.	III of Schedule A, Discrimitas.100	authorized in
Section 35.100	de l'aced of 10 m Briggs ( 100 - 100	see ithrote a heremal way is
of 10 CFR 35		A THE STATE AND A STATE
C. Any byproduct materia	al C. Any	C. 3 millicuries of each
listed in Section	-	byproduct material
31.11(a) of 10 CFR 31		authorized in Subitem 6.C.
D. Iodine 131	D. Iodide	D. 30 millicuries
E. Phosphorus 32	E. Soluble Phosphate	E. 10 millicuries
F. Cesium 137	F. Any	F. 100 microcuries

Conditions numbered <u>1</u>. printed on the reverse side of this page shall apply to this license.

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2. The licensee s	hall comply with th	he provisions of Title 10,	Chapter 1, Code of	Federal
Regulations, i		s for Protection Against R	(adiation, and	۱
<sup>9</sup> ministered to h	iumans shall"be pro	provided by this license, Scured in prepackaged, pre	calibrated form from	a supplier
who manufactu related to assa	res or repackages i y, identity, qualit	the product under appropria y <sub>(x</sub> purity, sterility, and n	ate pharmaceutical c	ontrols
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		ated Iodinated Human Seru		
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Human Serumy	Anounin shall be pi	rocured from a supplier wh Secretary, Department of I	o notos an unsuspen	10e0-0r9 - 4
		ture and prepare, label, or		
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Products."	sesu pot	barmaceutical	• • • • • • •	algai wha . A
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opened by the	licensee unless sp	ecifically authorized by a	condition in this lic	ensenoitter
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6. Patients conta	ining Cobalt 60,	Cesium 137, and or Iridiu	im 192 implants sha	all remain
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7. Patients conta	ining lodine 131 f	or the treatment of thyroid		
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## U. S. ATOMIC ENERGY COMMISSION BY CODUCT MATERIAL LICENSE Supplementary Sheet

Page <sup>2</sup> of <sup>2</sup> Pages

License Number 21-13255-01

Amendment No. 17

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. In vitro studies.
- D. Treatment of hyperthyroidism and cardiac dysfunction.
- E. Treatment of leukemia, polycythemia vera, and bone metastases.
- F. Calibration sources.

## CONDITIONS

Wherever the words "Atomic Energy Commission" or "Commission" appear in this license, except where the context of their use refers to a fact or event prior to January 19, 1975, they mean the Nuclear Regulatory Commission created by Public Law 93-438 and Executive Order No. 11834.

- 10. 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."
- 11. Byproduct material shall be used by, or under the supervision of, Henry A. Shevitz, M.D. or Stephen H. Sherman, M.D.
- Byproduct 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, Part 35.
- 13. Notwithstanding the requirements of Section 35.14(b) of Title 10, Code of Federal Regulations, Part 35, the licensee may possess and use any byproduct material for which he was authorized and that was in his possession on January 13, 1975.

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14. Except as specifically provided otherwise by this license, the licensee shall possess and use byproduct material described in Items 6, 7, and 8 of this license in accordance with statements, representations, and procedures contained in application received April 30, 1974 and letter dated February 27, 1975.

> For The U.S. Nuclear Regulatory Commission HOMMANNAX SXANDANIX RUNKSYNCOMMUSSION

Original Signed BV LEO WADE, JR. Materials Branch by\_ **Directorate of Licensing** 20555 Washington, D. C. 20545

APR 3 1975 Date.