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NTO TO	al.				MATERIA	ALS LICENSE	Amendment M	<b>p.</b> 50
	Code of hereto source deliver import Atomi	of Federal Reg fore made by , and special n or transfer su t such byproduct c Energy Act	ulations, Cha the licensee, uclear mater ch material uct and sour of 1954, as	apter 1, Parts 30 a license is here ial designated b to persons auth- ce material. Th amended, and	), 31, 32, 33, 34 by issued author elow; to use su- orized to receive is license shall 1	, 35, 36, 40 and 70, an rizing the licensee to re ch material for the pur e it in accordance with be deemed to contain Il applicable rules, reg	id in reliance on statem eceive, acquire, possess, pose(s) and at the place the regulations of the a the conditions specifie	93-438), and Title 10, eents and representations and transfer byproduct, e(s) designated below; to applicable Part(s); and to ed in Section 183 of the the Nuclear Regulatory
	Wal (	ertment of ter Reed A WRAMC)	rmy Medic	Y cal Center		July 18, 197 3. License number	e with applicat: 9 0 <del>3-</del> 01738-02 : to read as foll	is amended in
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		N.				5. Docket or Reference No.		
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				Amendmen	t 170.50			
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	r 10 CFR 35.3(a	<b>)</b> • 1	· · · ·					
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H.	Research and developmen	t as defined	in 10 CFR 3	0.4(q) and	instrumer	t cali	bratic	m.
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10	Laboratory, WRAWC Depar	ment of Patl	iology, Fort	Neade, Nar	ryland; ar	d U.S.	Army	
	Institute of Dental Pes	earch Facilit	y, Fort Mea	de, Marylan	d.			
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11.	of Fe	dera	see shall comply with the p 1 Regulations, Part 19, "No ns" and Part 20, "Standards	tices, Inst	ructions and Reports to Workers;	,
12.			material shall be used by, o d by WRAMC Radiation Control	•	e supervision of, individuals •	
13.	Α.	(1)	licensed material, other than thirty days and in an contamination and/or leakar certificate from a transfer	han Hydroged y form othe: ge prior to ror indicat: the transfe	n 3, with a half-life greater r than gas shall be tested for use. In the absence of a ing that a test has been made er, a sealed source received	• •
		(2)	any licensed sealed source	is exempt : unies or les	t required by this condition, from such leak tests when the ss of beta and/or gamma emitting alpha emitting material.	•
		(3)	condition does not apply to not being used. The source tested for leakage prior to	o sealed sou as excepted o any use on		•
	в.	test tran cons the	sfer as a sealed source. It truction defects or 0.005 m	, leakage, a E the inspec icrocurie or transferred	and contamination prior to use of stion or test reveals any greater of contamination, d as a sealed source until it	<b>C</b>
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## CENTRICIS

## 13. continued

- D. The test shall be capable of detecting the presence of 0.005 microcurie of radioactive material on the test sample. The test sample shall be taken from the sealed source or from the surfaces of the device in which the sealed source is permanently or semipermanently mounted or stored on which one might expect contamination to accumulate. Records of leak test results shall be kept in units of microcuries and maintained for inspection by the Commission.
- E. If the test required by Subsection A. or C. of this condition reveals the presence of 0.005 microcurie or more of removable contamination, the licensee shall immediately withdraw the sealed source from use and shall cause it to be decontaminated and repaired or to be disposed of in accordance with Commission regulations. A report shall be filed within five (5) days of the test with the U. S. Nuclear Regulatory Commission, Region I, Office of Inspection and Enforcement, 631 Park Avenue, King of Prussia, Pennsylvania 19406, describing the equipment involved, the test results, and the corrective action taken.
- 14. In lieu of using the conventional radiation caution colors (magenta or purple on yellow background) as provided in Section 20.203(a)(1), Title 10, Oode of Federal Regulations, Part 20, the licensee is hereby authorized to label detector cells and cell baths, containing licensed material and used in gas chromatography devices, with conspicuously etched or stamped radiation caution symbols without a color requirement.
- 15. Patients containing Cobalt 60, Cesium 137 or Iridium 192 implants shall remain hospitalized until a source count and surveys made with an appropriate radiation detection instrument indicate that all implants have been removed. The results of these surveys shall be recorded and maintained for inspection by the Commission for five (5) years from the time the implants are removed.

16. Patients containing Iodine 131 for the treatment of thyroid carcinoma or patients containing therapeutic quantities of Gold 198 shall remain hospitalized until the residual activity is 30 millicuries or less.

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17.	to a ca Code of	ensee may trans rrier for trans Federal Regula nsport and Tran	port in accordations, Part 71,	nce with th "Packaging	ne provisions o g of Radioactiv	f Title 10 e Material	,	
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18.	half-li	ensee is author fe of less than y trash provide	65 days for de					·
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	B. Pr	ior to disposal	as homal wast	e, radioact	ive waste shall	l be monit	ored	
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	C. Ge	nerator colums	shall be secre	mated so t	iat they may be	monitored		
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19.	Except	as specifically	provided other	wise by th	is license, the	licensee	shall	
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