

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

05-00046-13

Docket or Reference number

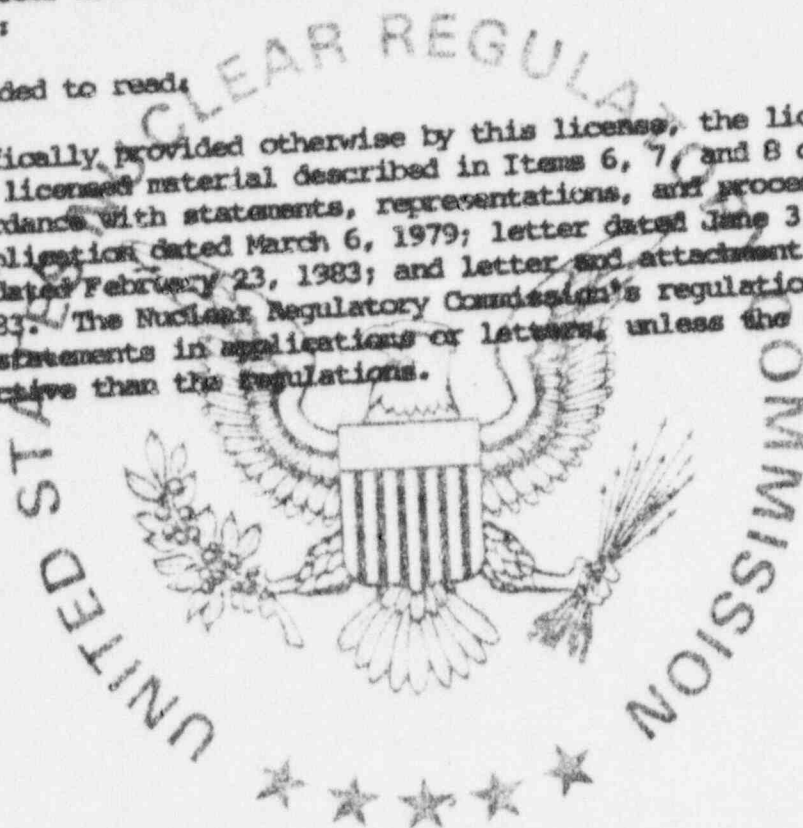
Amendment No. 38

Department of the Army
Fitzsimons Army Medical Center and
U.S. Army Medical Research
and Nutrition Laboratory
Denver, Colorado 80240

In accordance with letter dated February 23, 1983, License Number 05-00046-13
is amended as follows:

Condition 22. is amended to read:

22. 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 March 6, 1979; letter dated June 3, 1980; letter and attachment dated February 23, 1983; and letter and attachment dated February 24, 1983. 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.



MAR 23 1983

Date

FOR THE U. S. NUCLEAR REGULATORY COMMISSION

Original signed by

F. A. St. Mary

By

Material Licensing Branch
Division of Fuel Cycle and
Material Safety
Washington, D. C. 20555

3/24/83

3/24/83

1143

A TYPE OF ACTION AND IDENTIFICATION CODES

NEW LICENSE	AMENDMENT TO RENEW LICENSE	AMENDMENT TO TERMINATE	VOID	DOCKET NUMBER	MAIL CONTROL NUMBER	CHANGE NAME ADDRESS ("X" box)
NEW LICENSE AND NEW LICENSEE	XX OTHER AMENDMENT	CLERICAL CHANGE NO AMENDMENT	4	030-01233	14008	

B INDICATIVE INFORMATION

INDIVIDUAL LICENSEES	NAME (Last, First, Middle)	NAME (Last, First, Middle)
	NAME (Last, First, Middle)	NAME (Last, First, Middle)
	NAME (Last, First, Middle)	NAME (Last, First, Middle)

Assign
3-15-93
3-17-93

Assign
3-15-93
M-3

ORGANIZATION	ORGANIZATION NAME (Alphabetic Sequence)
	Army, Department of the
	DEPARTMENT OR BUREAU

2	Fitzsimons Army Medical Center and U.S. Army Medical Research			
ADDRESS	BUILDING STREET	CITY	STATE	ZIP CODE
		Denver	CO	80240

6	TYPE OF APPLICANT	111	U.S. GOVERNMENT AGENCY INDIVIDUAL LICENSEE ORGANIZATIONAL LICENSEE	DATE REQUEST RECEIVED 02/28/83	INSTITUTION CODE 00046	PENDING PROG. CODE	ACTUAL PROG. CODE
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SECONDARY PROGRAM CODES (As required)				
# 1	# 2	# 3	# 4	# 5

7	LICENSE NUMBER 05-00046-13	DATE LICENSE ISSUED OR ACTION COMPL MAR 23 1983	EXPIRATION DATE
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C. STATISTICAL INFORMATION

MEDICAL CATEGORY	FOR HUMAN USE ONLY	FOR HUMAN AND NONHUMAN USE	FOR NONHUMAN USE ONLY
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POSSESSION OF THE MATERIAL IS AUTHORIZED IN ONE OF THE FOLLOWING AREAS

AND/OR IN THE STATE(S). TERRI TORY(IES). COUNTRY CHECKED (At right)	SAME AS STATE IN ADDRESS		ALL STATES		ALL NON AGREEMENT STATES	
		AL ALABAMA	GA GEORGIA	MD MARYLAND	NJ NEW JERSEY	SC SOUTH CAROLINA
	AK ALASKA	HI HAWAII	MA MASSACHUSETTS	NM NEW MEXICO	SD SOUTH DAKOTA	
	AZ ARIZONA	ID IDAHO	MI MICHIGAN	NY NEW YORK	TN TENNESSEE	AS AMERICAN SOMOA
	AR ARKANSAS	IL ILLINOIS	MN MINNESOTA	NC NORTH CAROLINA	TX TEXAS	CZ CANAL ZONE
	CA CALIFORNIA	IN INDIANA	MS MISSISSIPPI	ND NORTH DAKOTA	UT UTAH	GU GUAM
	CO COLORADO	IA IOWA	MO MISSOURI	OH OHIO	VT VERMONT	PR PUERTO RICO
	CT CONNECTICUT	KS KANSAS	MT MONTANA	OK OKLAHOMA	VA VIRGINIA	VI VIRGIN ISLANDS
	DE DELAWARE	KY KENTUCKY	NE NEBRASKA	OR OREGON	WA WASHINGTON	
	DC WASHINGTON DC	LA LOUISIANA	NV NEVADA	PA PENNSYLVANIA	WV WEST VIRGINIA	CN CANADA
	FL FLORIDA	ME MAINE	NH NEW HAMPSHIRE	RI RHODE ISLAND	WI WISCONSIN	

D. POSSESSION LIMITS OF SOURCE AND SPECIAL NUCLEAR MATERIALS AND TRITIUM

SOURCE MATERIAL CEILING										SNM CEILING										G - GRAMS										IF FOR POWER REACTOR									
										Kg KILOGRAMS										Kg KILOGRAMS										("X" here)									
*MATERIAL	AMOUNT										UNIT	CONFIG	ENRICH	*MATERIAL	AMOUNT										UNIT	CONFIG	ENRICH												
U5 - U235											G	S														G	S												
											Kg	UNS														Kg	UNS												
											G	S														G	S												
											Kg	UNS														Kg	UNS												
U3 - U233											G	S														G	S												
											Kg	UNS														Kg	UNS												
PJ - Plutonium											G	S														G	S												
											Kg	UNS														Kg	UNS												
UR - Uranium											G	S														G	S												
											Kg	UNS														Kg	UNS												
											G	S														G	S												
TH - Thorium											Kg	UNS														Kg	UNS												
											G	S														G	S												
											Kg	UNS														Kg	UNS												
											G	S														G	S												
											Kg	UNS														Kg	UNS												
											G	S														G	S												
											Kg	UNS														Kg	UNS												
H3 - Tritium											CURIES		RIS CODES																										
											MILLCURIES																												
											MICROCURIES																												

* Use appropriate codes
 S SEALED UNS UNSEALED

A/144

MEDICAL LICENSE DATA

AMENDMENT

LETTER DATED

FEBRUARY 23, 1983

RADIOACTIVE MATERIAL LISTED IN:

MARK ITEMS
DESIRED "X"MAXIMUM POSSESSION
LIMITS (In millicuries)

1	10 CFR 35.100, SCHEDULE A, GROUP I		As Needed	
2	10 CFR 35.100, SCHEDULE A, GROUP II		As Needed	
3	10 CFR 35.100, SCHEDULE A, GROUP III			
4	10 CFR 35.100, SCHEDULE A, GROUP IV		As Needed	
5	10 CFR 35.100, SCHEDULE A, GROUP V		As Needed	
6	10 CFR 35.100, SCHEDULE A, GROUP VI			
7	10 CFR 31.11 FOR IN-VITRO STUDIES			
8	AMERICIUM - 241 ANATOMICAL MARKER		14 MCI	
9	XENON-133: As gas or gas in saline for blood flow and pulmonary function studies			
10	IODINE-131: As iodide for treatment of hyperthyroidism and cardiac dysfunction			
11	IODINE-131: As iodide for treatment of thyroid carcinoma			
12	PHOSPHORUS-32: As soluble phosphate for treatment of polycythemia vera, leukemia and bone metastases			
13	PHOSPHORUS-32: As colloidal chromic phosphate for intracavitary treatment of malignant effusions			
14	GOLD-198: As colloid for intracavitary treatment of malignant effusions			
15	DEPLETED URANIUM FOR SHIELDING		Kg	
	BYPRODUCT	FORM	POSSESSION LIMITS	USE
16	C-14	Any		In-Vitro Studies
17	H-3			Animal Studies
18	I-125	Prepackaged Units		Standard for Instrument Calibration
19	I-131			
20	P-32			
21	Sr-90	Sealed Source		Treatment of Superficial Eye Disease
22	Cs-137			
23				
24				
25				
26				

CONDITIONS

USERS

NAME

AUTHORIZATIONS

1A	9A	55	
1B	9B	62	
5	18		
6A	50A		
6B	50B		
7A	52		
7B	53		
10A(1)(2)(3)BCDE			
11A(1)(2)(3)BCD			
(by: ADD TO THE DOWN!			
15 APPL. DATED			
X	LETTER XXXX AND ATTACHMENT DTD FEBRUARY 23, 1983		
X	LETTER AND ATTACHMENT DTD FEBRUARY 24, 1983		

OTHER CONDITIONS

MAIL TO: ARMY COORDINATOR OFC
ATTN: COL FRANK E. McDERMOTT

DATE MAILED

REVIEWER

Myers

DATE COMPLETED

3/18/83