

80 APR 1984

HSMD-PK-SF

SUBJECT: Request for Amendment to NRC License Number 19-01151-02

THRU: Commander  
US Army Health Services Command  
Fort Sam Houston, TX 78234

THRU: HQDA (DASG-HCH)  
Washington, DC 20310

TO: Nuclear Regulatory Commission  
Material Licensing Branch  
Division of Fuel Cycle and Material Safety  
Washington, DC 20555

1. Request that Item 19 be added to NRC License Number 19-01151-02, held by the Department of the Army, Fort Detrick, Frederick, MD 21701.

Item 19 to read:

"In lieu of 10 CFR 20.303(d), the gross quantity of licensed and other radioactive material, excluding hydrogen-3 and carbon-14, released into the sewerage system by Fort Detrick does not exceed two curies per year. The quantities of hydrogen-3 and carbon-14 released into the sanitary sewerage system may not exceed 10 curies per year for hydrogen-3 and 2 curies per year for carbon-14."

2. Item 19 is requested in order to allow Fort Detrick to continue to act as a waste broker for tenant activities at the installation. Currently the Fort Detrick Radiation Protection Officer collects radiological waste from the National Cancer Institute/Frederick Cancer Research Facility, US Department of Agriculture's Frederick Research Location, US Army Medical Research Institute of Infectious Diseases, and US Army Medical Bioengineering Research and Development Laboratory, and only the Fort Detrick Radiation Protection Officer can allow disposal of isotopes by release into the sanitary sewerage system under

8507260005 850528  
NMSS LIC30  
19-01151-02 PDR

80 APR 1984

HEHD-PR-87

SUBJECT: Request for Amendment to NRC License Number 19-01151-02

the provisions of 10 CFR 20.303. Fort Detrick operates a sewage treatment plant separate from the City of Frederick, and the Fort Detrick Radiation Protection Officer monitors the sewage effluent for radioactivity. At no time has the concentration of isotopes exceeded one-tenth the limits specified in 10 CFR, Part 20, Appendix B, Table I, Column 2 for any one day. In addition, disposal takes place only one day per week.

3. This requested amendment is made to the Commission pursuant to 10 CFR 20.106(b) and 10 CFR 20.302.

ORIGINAL SIGNED BY  
FREDRICK L. GREENE  
Colonel, MSC  
Deputy Commanding Officer



DEPARTMENT OF THE ARMY  
FORT DETRICK  
FREDERICK, MARYLAND 21701-5000

Mr. Betoney/cr/AV 343-2828

REPLY TO  
ATTENTION OF

09 NOV 1984

HSHD-PE-SF

SUBJECT: Request for Amendment to NRC License Number 19-01151-02

THRU: HQDA (DASG-PSP-E [LTC Field])  
WASH DC 20301

*Fulfil  
5 Dec 84*

TO: Nuclear Regulatory Commission  
Material Licensing Branch  
Division of Fuel Cycle and Material Safety  
Washington, DC 20555

1. Reference letter this headquarters, HSHD-PE-SF, 30 April 1984, subject as above.
2. Per telephone conversation on 8 November with LTC Gaston, RSO, USAHSC, and Mr. Charles Betoney, Safety and Occupational Health Manager, this headquarters, referenced letter cannot be traced and LTC Gaston requested a copy (Encl 1) be forwarded direct to your office for review and approval.

FOR THE COMMANDER:

BRYAN P. GRAHAM  
CPT, MSC  
Adjutant

1 Encl  
as

CF:  
Cdr, USAHSC  
ATTN: HSCL-P (LTC Gaston)

84 DEC 10 7:18

*Dupe of*

*8507260003*

18467

30 APR 1984

HSMD-PK-SF

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Fort Sam Houston, TX 78234

THRU: HQDA (DASG-HCH)  
Washington, DC 20310

TO: Nuclear Regulatory Commission  
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ORIGINAL SIGNED BY  
FREDRICK L. GREENE  
Colonel, MSC  
Deputy Commanding Officer

## MATERIALS DATA INPUT—INDUSTRIAL, MEDICAL, SOURCE/SPECIAL NUCLEAR

## A. TYPE OF ACTION AND IDENTIFICATION CODES

<input type="checkbox"/> NEW LICENSE	<input type="checkbox"/> AMENDMENT TO RENEW LICENSE	<input type="checkbox"/> AMENDMENT TO TERMINATE	<input checked="" type="checkbox"/> VOID	DOCKET NUMBER	MAIL CONTROL NUMBER	CHANGE NAME/ADDRESS ("X" box)
<input checked="" type="checkbox"/> NEW LICENSE AND NEW LICENSEE	<input checked="" type="checkbox"/> OTHER AMENDMENT	<input type="checkbox"/> CLERICAL CHANGE NO AMENDMENT	4	030-04532	18467	<input type="checkbox"/>

## B. INDICATIVE INFORMATION

INDIVIDUAL LICENSEES	NAME (Last, First, Middle)	Control voided due to failure to respond		NAME (Last, First, Middle)	Exempted from Fillout form	
	NAME (Last, First, Middle)			NAME (Last, First, Middle)		
	NAME (Last, First, Middle)			NAME (Last, First, Middle)		
ORGANIZATION	ORGANIZATION NAME (Alphabetic Sequence)	Army, Department of the				
LICENSEES	DEPARTMENT OR BUREAU	Fort Detrick				
ADDRESS	BUILDING, STREET	City		STATE	ZIP CODE	
5		Frederick		MD	21701	
6	TYPE OF APPLICANT	U.S. GOVERNMENT AGENCY	DATE REQUEST RECEIVED	INSTITUTION CODE	PENDING PROG. CODE	ACTUAL PROG. CODE
	111	INDIVIDUAL LICENSEE	12/10/84	01151		03610
		ORGANIZATIONAL LICENSEE				
7	SECONDARY PROGRAM CODES (As required)					
	#1	#2	#3	#4	#5	
	LICENSE NUMBER	DATE LICENSE ISSUED OR ACTION COMPLETED		EXPIRATION DATE		
	19-01151-02	7-11-85				

## C. STATISTICAL INFORMATION

MEDICAL CATEGORY:	FOR HUMAN USE ONLY	FOR HUMAN AND NONHUMAN USE	FOR NONHUMAN USE ONLY			
POSSESSION OF THE MATERIAL IS AUTHORIZED IN ONE OF THE FOLLOWING AREAS						
AND/OR IN THE STATE(S), TERRITORY(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	WY WYOMING
	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	NB 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	G - GRAMS	SNM CEILING	G - GRAMS	IF FOR POWER REACTOR					
	Kg - KILOGRAMS		Kg - KILOGRAMS	("X" here)					
*MATERIAL	AMOUNT	UNIT	CONFIG	ENRICH	*MATERIAL	AMOUNT	UNIT	CONFIG	ENRICH
U235		G	S				G	S	
		Kg	UNS				Kg	UNS	
		G	S				G	S	
U233		Kg	UNS				Kg	UNS	
		G	S				G	S	
Plu-Plutonium		Kg	UNS				Kg	UNS	
		G	S				G	S	
UR-Uranium		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	
H3-Tritium		G	S				G	S	
		Kg	UNS				Kg	UNS	
		CURIES							
		MILLCURIES							
		MICROCURIES							

\*Use two-digit codes.

S-SEALED.

UNS-UNSEALED.