

UNITED STATES NUCLEAR REGULATORY COMMISSIO REGION I 475 ALLENDALE ROAD KING OF PRUSSIA, PENNSYLVANIA 19406-1415

March 30, 2001

License Nos.

29-01022-06 29-01022-14

Docket Nos. 03005248 03029741 Control Nos. 129308 129309

Stephen G. LaPoint Director Directorate for Safety Department of the Army US Army Communications-Electronics Command Ft. Monmouth, NJ 07703-5000

SUBJECT: DEPARTMENT OF THE ARMY, ISSUANCE OF LICENSE AMENDMENT, CONTROL NOS. 129308 AND 129309

Dear Mr. LaPoint:

This refers to your license amendment requesting release of the remainder of Camp Evans dated February 5, 2001. Enclosed with this letter are the amended licenses. The remaining unreleased areas of Camp Evans may be released for unrestricted use.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

Thank you for your cooperation.

Sincerely,

Original signed by Steve W. Shaffer

Steve W. Shaffer Health Physicist Decommissioning and Laboratory Branch Division of Nuclear Materials Safety

Enclosure:

Amendment No. 54 for License No. 29-01022-06 Amendment No. 22 for License No. 29-01022-14

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 2FDIA 2006-00-20

S. LaPoint Directorate for Safety 2

cc: Richard J. Lovell, Radiation Safety Officer

S. LaPoint Directorate for Safety

DOCUMENT NAME: G:\Docs\Current\Lic Cvr Letter\L29-01022-06.129308.wpd To receive a copy of this document, indicate in the box: "C" = Copy w/o attach/encl "E" = Copy w/ attach/encl "N" = No copy

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PAGE PAGES OF 5 **U.S. NUCLEAR REGULATORY COMMISSION** Amendment No. 54 MATERIALS LICENSE)uplicate 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, 36, 39, 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 Licensee In accordance with the letter dated February 5, 2001, 1. Department of the Army 3. License number 29-01022-06 is amended in Ç.A U.S. Army Communications its entirety to read as follows: Electronics Command AMSEL-SF-RER 4. Expiration date February 28, 2005 Fort Monmouth, New Jersey 07703-5024 5. Docket No. 030-05248 Reference No. Chemical and/or physical form Byproduct, source, and/or special Maximum amount that licensee may 8. nuclear material possess at any one time under this license A. Any byproduct material with Anv Not to exceed 1 curie atomic numbers 1 through 83 per radionuclide and 10 curies total Not to exceed 50 millicuries per B. Any byproduct material with B. Sealed sources atomic numbers 1 through 83 source and 2 curies total C. Any byproduct material with C. Not to exceed 1 millicurie total atomic numbers 84 through 95 D. Hydrogen 3 D. 30 curies D. Accelerator targets E. Cobalt 60 E. Sealed sources

- F. Strontium 90
- G. Cesium 137
- H. Uranium (Natural or Depleted)
- Thorium (Natural)

J. Polonium 210

- K. Plutonium 238
- L. Americium 24
- M. Californium 252

- Any J. K. Sealed sources E. Any DUDIICate
- M. Sealed source

F. Sealed sources

G. Sealed sources

H. Any

Any

I.

- (-r)
- H. 5 kilograms
- Ι. 10 kilograms

F. 5 curies

- J. 10 microcuries
- K. 10 microcuries
- Le 1 millicurie Cate

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SUPPLEMENTARY SHEET	
Amendment No. 54	
 Byproduct, source, and/or special Chemical and/or physical form Maximum amount that licensee may possess at any one time under this license 	
N. Cesium 137 N. Sealed sources (J.L. N. Shepherd Model 6810)	
O. Cesium 137 O. Sealed source (JL Shepherd O. Model 6810)	
P. Cesium 137 P. Sealed source (J.L. Shepherd P. 130 millicuries Model 6810)	
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A. Research and development as defined in 10 CFR 30.4; for training and instrument calibrations analysis of test samples as a service for persons as defined in 10 CFR 20.1003; calibration of instruments as a service for persons as defined in 10 CFR 20.1003 and the storage of	•
B. through M. Research and development as defined in 10 CFR 30/4; for training and instrument calibrations analysis of test samples as a service for persons as defined in 10 CFR 20.1003; calibration of instruments as a service for persons as defined in 10 CFR 20.1003.	•
 N. For use in a J.L. Shepherd Model 81-14Q calibrator, calibration of instruments as a service for persons as defined in 10 CFR 20, 1003 	
O. and P. For use in a J.L. Shepherd Model 89-260 calibrator; calibration of instruments as a service for	·
persons as defined in 10 CFR 20.1003	_
CONDITIONS	
10. Licensed material may be used only at the licensee's facilities located at the U.S. Army Communications Electronics Command, Fort Monmouth, New Jersey. Licensed material listed in Items 6.B., 7.B., and 8.E. and 6.L., 7.L, and 8.L. may be used at temporary job sites of the licensee anywhere in the United States.	- 3.,
11. A. Licensed material shall be used by, or under the supervision of, individuals designated in writing by the Radiation Safety Committee, Joseph M. Santarsiero, Chairman.	
B. The Radiation Safety Officer for this license is Richard J. Lovell.	·** •
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Duplicate MATERIALS LICENSE SUPPLEMENTARY SHEET Duplicate Provide of Reference Number 2901002-06	NRC	FORM 374A	U.S. N\	EAR REGUL	ATORY COMMISSION		PAGE	3 of 5	PAGES
 Amendment No. 54 12. Licensed material shall not be used in or on human beings. 13. The licensee shall not use licensed material in field applications where activity is released except as provided otherwise by specific condition of this license. 14. The licensee shall not acquire licensed material in a sealed source or device unless the source or device has been registered with the U.S. Nuclear Regulatory Commission pursuant to 10 CFR 32.210 or equivalent regulations of an Agreement State. 15. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee. 16. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State. B. Notwithstanding Paragraph A of this Condition, sealed sources designed to primarily emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months. C. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, 		Dupli	Cate MATERIALS L SUPPLEMENTAR		Duplica	License Number 29=01022-06 Docket or Reference N 030-05248		icate	<u>)</u>
 Licensed material shall not be used in or on human beings. The licensee shall not use licensed material in field applications where activity is released except as provided otherwise by specific condition of this license. The licensee shall not acquire licensed material in a sealed source or device unless the source or device has been registered with the U.S. Nuclear Regulatory Commission pursuant to 10 CFR 32.210 or equivalent regulations of an Agreement State. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State. B. Notwithstanding Paragraph A of this Condition, sealed sources designed to primarily emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months. C. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, bedref to construction defects. 				•		Amendment No.	54		
 The licensee shall not use licensed material in field applications where activity is released except as provided otherwise by specific condition of this license. The licensee shall not acquire licensed material in a sealed source or device unless the source or device has been registered with the U.S. Nuclear Regulatory Commission pursuant to 10 CFR 32.210 or equivalent regulations of an Agreement State. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State. B. Notwithstanding Paragraph A of this Condition, sealed sources designed to primarily emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months. C. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, 	12.	Licensed mate	rial shall not be	used in or	on human beings	· ·	· · ·		
 14. The licensee shall not acquire licensed material in a sealed source or device unless the source or device has been registered with the U.S. Nuclear Regulatory Commission pursuant to 10 CFR 32.210 or equivalent regulations of an Agreement State. 15. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee. 16. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State. B. Notwithstanding Paragraph A of this Condition, sealed sources designed to primarily emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months. C. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, be devided by the licensee shall be inspected and tested for construction defects. 	13.	The licensee s provided other	hall not use lice wise by specific	nsed mate condition	erial in field applica of this license.	tions where activ	ity is released	d except a	IS
 15. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee. 16. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State. B. Notwithstanding Paragraph A of this Condition, sealed sources designed to primarily emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months. C. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, 	14.	14. The licensee shall not acquire licensed material in a sealed source or device unless the source or device has been registered with the U.S. Nuclear Regulatory Commission pursuant to 10 CFR 32.210 or equivalent regulations of an Agreement State							
 16. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State. B. Notwithstanding Paragraph A of this Condition, sealed sources designed to primarily emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months. C. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, 	15.	Sealed source from source he	s or detector ce olders by the lic	IIs contain ensee.	ing licensed mater	ial shall not be op	pened or sour	ces remo	ved
 B. Notwithstanding Paragraph A of this Condition, sealed sources designed to primarily emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months. C. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects, but he licensee shall be inspected and tested for construction defects. 	16.	A. Sealed so intervals s under 10	ources shall be t specified in the o CFR 32.210 or	ested for lo certificate o under equi	eakage and/or cor of registration issu valent regulations	atamination at inte ed by the U.S. Nu of an Agreement	ervals not to e uclear Regula State.	xceed the tory Com	e mission
C. Each sealed source fabricated by the licensee shall be inspected and tested for construction defects,		B. Notwithsta particles s	anding Paragra shall be tested f	oh A of this or leakage	Conditión, sealec and/or contamina	l sources designe tion at intervals n	d to primarily of to exceed	[,] emit alpr 3 months.	าล
leakage, and contamination prior to any use of transfer as a sealed source.		C. Each sea leakage, a	ed source fabri and contaminati	cated by th on prior to	e licensee shall b any use or transfe	e inspected and to er as a sealed sou	ested for cons arce.	struction (lefects,
D. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.		D. In the abs intervals s under 10 sealed so received.	ence of a certific pecified in the CFR 32.210 or urce received fr	cate from certificate o under equi com anothe	a transferor indica of registration issu valent regulations er person shall not	ting that a leak te ed by the U.S. Νι of an Agreement be put into use u	st has been r uclear Regula State, prior t ntil tested and	nade with tory Com o the tran d the test	nin the mission sfer, a results
E. Sealed sources need not be tested if they contain only hydrogen-3; or they contain only a radioactive gas; or the half-life of the isotope is 30 days or less; or they contain not more than 100 microcuries of beta- and/or gamma-emitting material or not more than 10 microcuries of alpha-emitting material.		E. Sealed so gas; or th beta- and	ources need not e half-life of the /or gamma-emit	be tested isotope is tting mater	if they contain only 30 days or less; o ial or not more tha	y hydrogen-3; or t r they contain not n 10 microcuries	they contain of more than 10 of alpha-emit	only a radi 00 microc ting mate	ioactive uries of rial.
F. Sealed sources need not be tested if they are in storage and are not being used; however, when they are removed from storage for use or transferred to another person and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.		F. Sealed so are remove the require stored for	ources need not ved from storage ed leak test inte a period of more	be tested e for use o erval, they re than 10	if they are in stora r transferred to an shall be tested bef years without bein	ge and are not be other person and ore use or transfe g tested for leaka	eing used; how have not bee er. No sealed age and/or co	wever, wh en tested I source s ntaminatio	ien they within hall be on.
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	G.	The leak radioactiv (185 bec Regulato immediat Commiss	test shall be cap ve material on th querels) or more ry Commission i ely from service sion regulations.	bable of de e test sam of remova n accordar and decor	tecting the presen ple. If the test rev able contamination nce with 10 CFR 3 ntaminated, repair	ice of 0.005 micro veals the presence n, a report shall be 0.50(c)(2), and th ed, or disposed of	curie (185 becquerels) of e of 0.005 microcurie e filed with the U.S. Nuclear e source shall be removed in accordance with	
	H.	Tests for performe Commiss	leakage and/or d by the licensed sion or an Agree	contamina e or by oth ment State	tion, including leal er persons specifi to perform such s	test sample colle cally licensed by t services.	ection and analysis, shall be he U.S. Nuclear Regulatory	
	1.	Records	of leak test resu	lts shall be	kept in units of m	icrocuries.		
17.	The dev	e licensee vices conta	shall conduct a p ining licensed m	hysical in aterial rec	entory every six r eived and possess	nonths to account sed under the lice	for all sealed sources and nse.	
18.	Thi	s license d	loes not authoriz	e commer	cial distribution of	licensed material.		
19.	The 10 (e licensee CFR Part	is authorized to t 71, "Packaging a	ransport li Ind Transp	censed material in ortation of Radioa	accordance with ctive/Material."	the provisions of	
20.	Exc acc any stat	cept as spe ordance w enclosure tements, re	ecifically provide with the statement es, listed below. epresentations, a	d otherwise ts, represe The Nucle and proced	e in this license, the entations, and proc ar Regulatory Cor lures in the license	e licensee shall c cedures contained nmission's regulat ee's application an	onduct its program in I in the documents, including tions shall govern unless the Id correspondence are more	-
	rest	trictive tha	n the regulations	4	****			
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	E. F.	Letter da Letter da	ted March 10, 19 ted April 11, 199	997 7				
	G. н	Letter da	ted May 12, 199 ted July 30, 199	7	1	•		
	l.	Letter da	ted August 27, 1	997, with a	attachment			
	J. K.	Letter da	ted December 2 ted July 30, 199	, 1997 3				
	L. M. s	Letter da Letter da	ted May 13, 199 ted November 1	8, with atta 8, 1998	ached survey repo	rt	1.	
	N.	Facsimile	dated February	26, 1999	Duplica	te s	Duplicate	
	Р.	Letter da	ted September 2	23, 1999	·			
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Duplicate Dup	License Number 29=01022-06 Docket or Reference Number 030-05248
SUPPLEMENTARY SHEET	Amendment No. 54
 Q. Letter dated July 14, 1999, with attached report R. Letter dated September 1, 1999 S. Letter dated September 10, 1999 T. Letter dated April 13, 2000 U. Letter dated April 30, 2000 received by electron V. Letter dated July 27, 2000 W. Letter dated April 19, 2000, with attached report X. Letter dated July 6, 2000 Y. Letter dated August 18, 2000 Z. Letter dated February 5, 2001 AA. Letter dated March 28, 2001 	ic mail
Fort	ne U.S. Nuclear Regulatory Commission
	Original signed by Steve W. Shaffer
Date March 30. 2001 By Duplicate Dupl	Steve W. Shaffer Decommissioning and Laboratory Branch Division of Nuclear Materials Safety Region Region King of Prussia, Pennsylvania 19406
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