		MATERIA	LS LICENSE	Amendment No. 06				
Purs Code made nucle to pe speci Regu	suant to the Atomic Energy Act of 19 e of Federal Regulations, Chapter I, Parts e by the licensee, a license is hereby issue ear material designated below; to use such ersons authorized to receive it in accordan ified in Section 183 of the Atomic Energy ulatory Commission now or hereafter in	54, as amended, the End s 30, 31, 32, 33, 34, 35, 3 ed authorizing the licensed in material for the purpose ce with the regulations of the Act of 1954, as amended, effect and to any condition	ergy Reorganization Ac 9, 40 and 70, and in relian e to receive, acquire, posses s) and at the place(s) desig he applicable Part(s). This and is subject to all applic ns specified below.	t of 1974 (Public Law 93-438), and Title 10 nee on statements and representations heretofor ess, and transfer byproduct, source, and specia nated below; to deliver or transfer such materia license shall be deemed to contain the condition able rules, regulations and orders of the Nuclea				
	Licensee Department of the Army U. S. Army Communications Electronics Command	5-	In accordanc January 8, 1 3. License number its entirety	e with letter dated 991, 29-01022-14 is amended in to read as follows:				
۷.	AMSEL-SF Fort Monmouth, New Jersey	07703-5024	4. Expiration date	August 31, 1992				
			5. Docket or	030-29741				
ίR	Syproduct, source, and/or	7. Chemical and	d/or physical	8. Maximum amount that licensee				
sp	pecial nuclear material	form	· · · · · · · · · · · · · · · · · · ·	may possess at any one time under this license				
Α.	Cobalt 60	A -		A.				
				L-				
Β.	Cobalt 60	B		BS				
c	Cobolt 60	<b>C</b> (		r S				
ι. Γ	CUDAIL DU			<b>č</b>				
υ.	κι γριση 85	U • [	_ /					
Ε.	Strontium 90	E. Sealed so Electron	ources (US Army ics Command,	E. Not to exceed 50 milli- curies per source and 60 curies total				
F.	Strontium 90	F. Sealed so No. SM-B-	ources (ECOM Dwg. -509048)	. F. Not to exceed 150 micro curies per source and 45 millicuries total				
G.	Strontium 90	G.	· .	G·				
Η.	Strontium 90	H. Sealed so No. 12-19	ource (3M Dwg. 921-0474-8)	H. Not to exceed 36 micro- curies per source and				
-	in accordance with the Freedom of I	nformatio	2.	18 millicuries total				
	ACL EXEMPLICIES	ACRIA		N MAY 10 1/2				

,

+

,

NRC Form 374A U.S. N		PAGE 2 OF 4 PA
(5-84)	L	icense number
MATERIALS	LICENSE	29-01022-14
SUPPLEMENTA	AY SHEET	ocket of Reference number
		030-29741
		Amendment No. 06
	<u> </u>	
		· · ·
(6., /., and 8. Continued)		
6 Byproduct source and/r	r 7. Chemical and/or ph	vsical 8 Maximum amount that
special nuclear material	form	licensee may possess a
		any one time under
		this license
I. Cesium 137	1	Ι.
1 Cesium 137		$\overline{1}$
K. Plutonium 239	K. Electroplated sour	ce K. Not to exceed 23 micro
	(Eberline Instrume	it grams (1.4 microcuries
	corp. model 594-1)	per set and U.UII5 gra
Diutonium 220	Resin on acrylic	I Not to exceed \$10 mics
L. FIULOHIUM 239	plastic disk (MIL-	arams (50,3 microcurie
	24265)	per set and 0.246 gram
		total
M. Americium 241	M. Sealed sources (Am	ersham M. Not to exceed 10 milli
	Radiochemical Cente	curies per source and
N. Thenium 000	Amersham Code 2084	50 millicuries total
N. INUTIUM 230	(Fherline Instrume	t micrograms (20 nano-
	Corp. Model No. CS	(12) curies) per source and
		1 milligram total
0. Thorium 232	0. Metal foil (Nuclean	0. Not to exceed 2.7 gram
	Research Corp. Mode	el (300 nanocuries) per
	No. B-1093)	source and 2.76 kilo-
		grams total
r. Plutonium 239	F. Electroplated Sourd	e r. NOT TO EXCEED 103 Nano
	Corn Model No CC	(1) grains (10 hanocuries)
		total
Q. Thorium 232	Q. Solid (Thorium flue	oride Q. Not to exceed 2 grams
	coating on optical	system) (0.218 microcuries) pe
		optical system and 40
	· · ·	Kilograms total
Authonized use		
J. AUGIOFIZED USE		
A. through P. Calibration	and operational check of ra	diation detection instrumentation
Q. Optical coating on the	rmal imaging devices.	
		· · · · · · · · · · · · · · · · · · ·

.

i

000									
NRC  (5-84)	Form 374A	U. S.	LEAR REGULATO	RY COMMISSION	License number	PAGE	3 OF	4	PAGES
•	. ·	EDIALC IM	CENSE		LICENSC HUHHUCI	29-01	l022 <b>-14</b>		
	SUPP	LEMENTARY	SHEET		Docket or Refer	ence number			
	· · ·		a.			030-2	29/41		
						Ameno	lment No.	06	
(Co	ntinued)		· ·	ONDITIONS					
			C.	0101110113					
10.	Licensed mater New Jersey, an States as appro	ial may be d at Depar oved by th	e used only tment of De ne Radiation	at the licer fense instal Safety Offi	isee's faci lations ar cer.	lities at nywhere ir	: Fort Mo 1 the Uni	nmout ted	:h,
11.	A. Licensed r have comp enclosure training	material s leted the s. Record program sh	shall be used training de ls of indivi- nall be main	d by or unde scribed in a duals who ha tained by th	r the supe pplication ve satisfa e Radiatio	ervision c dated Ma actorily c on Safety	of indivi y 7, 198 completed Officer.	duals 6, wi the	who th
	B. At least whenever	one indivi licensed m	idual qualif naterial is	ied under Co being used.	ondition <sup>11</sup>	A. shall	be pres	ent	
	C. The Radia	tion Safet	y Officer f	or this lice	nse is Bar	ry J. Sil	ber.	•	
12.	Sealed sources	containin	ng licensed i	material sha	11 not be	opened by	the lic	ensee	2.
13.	<ul> <li>A. Sealed sour contamination as are specified in the second second</li></ul>	urces and tion at in ecified by ceed 3 yea anding Par	detector ce itervals not the certif irs.	lls shall be to exceed 6 icate of reg this Condit	tested for months or istration ion, seale	r leakage at such referred	and/or other in to in 10 designe	terva CFR d to	ils 32.210, emit
	alpha part to exceed C. In the abs been made cell rece	ticles sha 3 months. sence of a within si ived from	certificate x months pr another pers	d for leakag e from a tra ior to the t son shall no	e and/or o nsferor in ransfer, a t be put i	ontaminat dicating sealed s nto use u	ion at i that a t ource or ntil tes	nterv est h dete ted.	vals not Nas Natrictor
	D. Each seale construct a sealed s	ed source ion defect source.	fabricated l s, leakage,	by the licen and contami	see shall nation pri	be inspec or to any	ted and use or	teste trans	d for fer as
	E. Sealed sou	urces and	detector ce	lls need not	be leak t	ested if:			
	(i) they	contain o	only hydroge	n 3; or					·
	(ii) they	contain o	only krypton	85; or				•	
	(iii) the H	half-life	of the isot	ope is 30 da	ys or less	; or	÷		
	(iv) they mater	contain n rial or no	ot more than ot more than	n 100 microc 10 microcur	uries of b ies of alp	eta and/c ha emitti	er gamma ng mater	emitt ial;	ing or
	(v) they being trans leak sourc with	are not d g used. H sfer to an test inte ce or dete out being	lesigned to lowever, when other person erval, they ector cell s tested for	emit alpha p n they are r n, and have shall be tes hall be stor leakage and/	articles, emoved fro not been t ted before ed for a p or contami	are in st m storage ested wit use or t eriod of nation.	orage, a for use hin the ransfer. more tha	nd ar or requi No n 10	e not red sealed years

·

NRC Form 374A	U.S. N	UCLEAR REGU	LATORY COMMISSION		PAGE	4	OF	4	PAGE
5-84)				License number	29-0	1022	-14		FAGL
•	MATERIALS LICENSE SUPPLEMENTARY SHEET		Docket or Reference number . 030-29741						
				Amendment No. 06					
(13. Conti	nued)		CONDITIONS		. •				
F.	The test shall be radioactive mater kept in units of Commission. If t removable contami Commission and th	e capable o ial on the microcurie he test re nation, a	of detecting the e test sample. es and shall be eveals the prese report shall be hall be removed	e presence of Records of maintained ence of 0.00 filed with from servi	of 0.005 leak te for ins 05 micro n the U. ice and	mic st re pect curie S. Nu decor	ocur esults ion by e or i iclean	ie of s sha y the nore r Reg nated	all be e of gulato
	repaired, or disp shall be filed wi	bosed of in thin 5 day	accordance wit	the leak tes	on regul st resul	decor atior t is	know	The r wit	report th the

- G. The licensee is authorized to collect leak test samples for analysis by the licensee. Alternatively, tests for leakage and/or contamination may be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
- 14. The licensee shall conduct a physical inventory every 6 months to account for all sources and/or devices specified in Items 7.A. through 7.M., received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory.
- 15. The licensee may transport licensed material in accordance with the provisions of 10 CFR 71, "Packaging and Transportation of Radioactive Material."
- 16. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The Nuclear Regulatory Commission's regulations shall govern unless the statements, representations and procedures in the licensee's application and correspondence are more restrictive than the regulations.
  - Application dated May 7, 1986 Α. Letter dated October 21, 1987 Β. Letter dated October 17, 1988 С. Letter dated November 18, 1988 D. Letter dated March 7, 1990 Ε. Letter dated April 5, 1990 F. -Memorandum of Understanding dated June 22, 1990 G. Letter dated October 2, 1990 н. Letter dated January 8, 1991 Ι.

For the U.S. Nuclear Regulatory Commission Original Signed By: Elizabeth Ullrich Date FEB 2 0 1991

taken.

By

Nuclear Materials Safety Branch Region I King of Prussia, Pennsylvania 19406 License No. 29-01022-14 Docket No. 030-29741 Control No. 113929

Department of the Army ATTN: Steven A. Horne, Chief, Safety Office U.S. Army Communications-Electronics Command AMSEL-SF Fort Monmouth, New Jersey 07703-5024

Gentlemen:

Please find enclosed an amendment to your NRC Material License.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the Region I Material Licensing Section, (215) 337-5093, so that we can provide appropriate corrections and answers.

Please be advised that you must conduct your program involving licensed radioactive materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, please note the items in the enclosed, "Requirements for Materials Licensees."

Since serious consequences to employees and the public can result from failure to comply with NRC requirements, the NRC expects licensees to pay meticulous attention to detail and to achieve the high standard of compliance which the NRC expects of its licensees.

You will be periodically inspected by NRC. A fee may be charged for inspections in accordance with 10 CFR Part 170. Failure to conduct your program safely and in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in prompt and vigorous enforcement action against you. This could include issuance of a notice of violation, or in case of serious violations, an imposition of a civil penalty or an order suspending, modifying or revoking your license as specified in the General Policy and Procedures for NRC Enforcement Actions, 10 CFR Part 2, Appendix C.

OFFICIAL RECORD COPY

ML 29-01022-14/LTR - 0001.0.0 02/07/91

## ML 10

## Department of the Army

We wish you success in operating a safe and effective licensed program.

Sincerely,

# Original Signed By: Elizabeth Ullrich

Elizabeth Ullrich Nuclear Materials Safety Section B Division of Radiation Safety and Safeguards

Enclosures:

- 1. Amendment No. 06
- 2. Requirements for Materials Licensees
- 3. NRC Forms 3 and 313

DR\$8;R1 U1/11dh/vhd 2/13/91

OFFICIAL RECORD COPY

ML 29-01022-14/LTR - 0002.0.0 02/07/91

TIME DATE CONVERSATION RECORD 15 1-14-91 G ,TYPE ROUTING TELEPHONE NAME/SYMBOL INT Location of Visit/Conference: NAME OF PERSON(S) CONTACTED OR IN CONTACT ORGANIZATION (Office, dept., bureau, TELEPHONE NO. 201-WITH YOU etc.) 544-442 even brne -1m SUBJECT SUMMARY coat Was m m 16 l 0 wo Ŵ ÍlN  $\boldsymbol{\omega}$ 4.5 0 ACTION REQUIRED NAME OF PERSON DOCUMENTING CONVERSATION SIGNATURE DATE 51 ĺ, ULLA, CH ACTION TAKEN SIGNATURE TITLE DATE OPTIONAL FORM 271 ( DEPARTMENT OF DF 50271-101 **CONVERSATION RECORD** 19U.S. G.P.O. 1983-381-526/8346

FRÒM CECOM SAFETY OFFICE 👘 🥍

(TUE)01.08.'91 15:1.

NO.2 PAGE 2

030-29741



DEPARTMENT OF THE ARMY

HEADQUARTERS, US ARMY COMMUNICATIONS-ELECTRONICS COMMAND AND FORT MONMOUTH FORT MONMOUTH, NEW JERSEY 07703-5000

REPLY TO ATTENTION OF

#### January 8, 1991

Safety Office



U.S. Nuclear Regulatory Commission Region I Materials Section B 475 Allendale Road King of Prussia, Pennsylvania 19406

This refers to my telephone conversation of 31 December 1990 with Mr. John Kinneman of your organization regarding the potential noncompliance relating to U.S. Nuclear Regulatory Commission (NRC) License No. 29-01022-14 assigned to this command. The potential noncompliance deals with the performance of maintenance operations for thorium fluoride (ThF<sub>4</sub>) coated optics (Items 6Q, 7Q, 8Q and 9Q) utilized in Forward Looking Infra-Red Thermal Imaging Systems at Red River Army Depot (RRAD), Texarkana, TX.

Condition 10 of our NRC license currently authorizes the use of licensed materials "at the licensee's facilities, Fort Monmouth, New Jersey, and at Department of Defense installations anywhere in the United States". Condition 16A contains documentation stating that Anniston, Mainz and Sacramento Army Depots "will provide maintenance and serviceability for thermal imaging systems limited to the necessary removal/exchange of ThF<sub>4</sub> coated optics".

Mr. Kinneman was advised that we were notified by the U.S. Army Depot Systems Command (DESCOM) Safety Office, on 31 December 1990, of this potential noncompliance issue as a result of their recent radiation protection program evaluation of RRAD. The DESCOM inspection team discovered that RRAD's Maintenance Directorate was refurbishing Thermal Imaging Systems, and its associated FLIR components, i.e., the removal/exchange of ThF, optics. As a result of this, we immediately contacted you to advise you of our proposed plan of action which included our visit to RRAD on 2-3 January 1991 to evaluate this issue, to ensure that initiation of a program for the proper control of this operation, including the development of a training program and Standard Operating Procedures (SOP), and to prepare an amendment request to authorize RRAD to perform these operations. At your approval, we proceeded to RRAD and as a result of our evaluation of RRAD's maintenance operations, we determined that RRAD was capable of properly controlling these operations. We assisted them in developing a SOP for this purpose and we are satisfied that they are qualified to perform these maintenance operations under this license.

"OFFICIAL RECORD COPY" ML18

Based on the above, we are requesting that RRAD be officially authorized to perform maintenance operations for  $\text{ThF}_4$  coated optics.

In addition, we are requesting that consideration be given for the generic authorization for all depots to perform these maintenance operations based on our evaluation of the depots capabilities, facilities, and radiation protection programs. This will alleviate our numerous requests for license amendments to include specific depots on an individual basis.

This direct communication with your organization regarding an NRC license amendment request has been approved by Mr. Loren Becker, Acting Chief, U.S. Army Materiel Command Safety Office.

The Point of Contact for this office is Mr. Barry J. Silber, (201) 544-4427/3112.

Your cooperation in this matter is appreciated.

Sincerely,

Str. A Hor

Steven A. Horne Chief, Safety Office

Copies Furnished:

Headquarters, Department of the Army, ATTN: SGPS-PSP-E Commander, U.S. Army Materiel Command, ATTN: AMCSF-P Director, U.S. AMC Field Safety Activity, ATTN: AMXOS

9952667 (TUE)01.08.'91 15:1 FROM CECOM SAFETY OFFICE 👘 🧎 N0.2 PAGE 1 FACSIMILE HEADER SHEET EB FO US ARMY COMMUNICATIONS-ELECTRONICS COMMAND + SAFETY OFFICE + HEADQUARTERS, CECOM, ATTN: AMSEL-SF, FORT MONMOUTH, NJ, 07703-5000 FROM (POC): MR. STEVEN A. HORNE, Chief, CECOM SAFERY OFFICE PAGES: 2 DATE: 8 TANUARY 1991 TIME: his DATE: 8 TANUARY 1991 PAGES: TO: MR. JOHN KINNEMAN, USNRC REGION I, KING OF PRUSSIA REPLY INFORMATION COMM (201) 544-4427 AUTOVON 995-4427 VOICE COMM (201) 544-2667 AUTOVON 995-2667 FAX COMM (201) 542-7161

COMMENTS:

MR. JOHN KINNEMAN; AB WE DISCUSSED ON 31 DECEMBER 1990, I AM PROVIDING YOU WITH OUR AMENDMENT REQUEST FOR NRC LICENSE 29-01022-14 RELATING TO THORIUM FLUDRIDE COATED OPTICS.

STEVEN A. HOPPNE Chief, Safety Office

113929



### DEPARTMENT OF THE ARMY HEADQUARTERS, U. S. ARMY MATERIEL COMMAND 5001 EISENHOWER AVENUE, ALEXANDRIA, VA 22333-0001

November 30, 1990



Safety Office

Mr. Michael LaMastra Medical and Commercial Use Safety Branch Division of Industrial and Medical Nuclear Safety Office of Nuclear Material Safety and Safeguards U.S. Nuclear Regulatory Commission Mail Stop 6H3 One White Flint Washington, D.C. 20555

Reference: AMCSF-P/90-0217/0219

Dear Mr. LaMastra:

This letter confirms our November 9, 1990 telephone conversation concerning the need to have established the following procedures for certain radioactive commodities while used overseas:

a. Chemical Agent Monitor (BML 12-00722-14) special maintenance/repair activities as described in enclosure 1.

b. Eliminate the monthly area survey requirement for the AN/UDM-2, AN/UDM-6, and AN/UDM-7 (BML-29-01022-14) as described in enclosure 2.

c. Tactical calibration procedures as described in enclosure 3.

These procedures do not apply to radioactive commodities while used in the United States unless specifically authorized by the governing license.

Your cooperation and assistance in this matter is greatly appreciated. If you have any further questions, please contact me at 703 274-9340.

Sincerely,

Patricia A: Elker Acting Chief Safety Office

Enclosures

Copies Furnished: See page 2

## DEPARTMENT OF THE ARMY

HEADQUARTERS, U.S. ARMY ARMAMENT, MUNITIONS AND CHEMICAL COMMAND ROCK ISLAND, ILLINOIS 61299-6000





End 1

AMSMC-SFS (385-11m)

10 5 NOV 1990

MEMORANDUM THRU Commander, U.S. Army Materiel Command, ATTN: AMCSF-P, 5001 Eisenhower Avenue, Alexandria, VA 22333-0001

FOR Nuclear Regulatory Commission, Region III, 799 Roosevelt Road, Glen Ellyn, IL 60137

SUBJECT: Amendment to Nuclear Regulatory Commission (NRC) License 12-00722-14

1. Reference memorandum, HQ, AMCCOM, AMSMC-SFS, 15 June 1989, subject: Control Number 873-84.

2. Reference 1 was incorporated into NRC License 12-00722-14 as amendment 08, and allowed maintenance of the chemical agent monitor (CAM) by radiation safety trained personnel at Anniston Army Depot, Anniston, AL.

3. Request the license be amended to allow for repair of the CAM by radiation safety trained personnel at special repair activities in Saudi Arabia and Germany. The procedures used are identical to those outlined in enclosure 1 to reference 1. The maintenance involves removal and replacement of the drift tube module, the sieve breather assembly, and the membrane. The maintenance procedures do not involve direct contact with the nickel 63 source. The source will remain protected by the cell assembly.

4. The personnel performing the maintenance have received at least 8 hours radiation safety training, as outlined in enclosure 2 to reference 1. The training includes atomic structure, nature of radiation, biological effects of radiation, radiation protection, and Code of Federal Regulations, parts 19 and 20. Wipe tests are forwarded to the U.S. Army Ionizing Radiation Dosimetry Laboratory, Lexington, KY, for analysis by liquid scintillation.

5. The special repair activities are urgently needed in support of Desert Shield. Your prompt attention to this amendment request is appreciated.

6. The POC is Mrs. Katheryn LaFrenz, AMSMC-SFS, DSN 793-2965.

FOR THE COMMANDER:

and P. Stogman

DAVID P. SKOGMAN Ch, Systems, Chemical, & Radiation Div



DEPARTMENT OF THE ARMY HEADQUARTERS, US ARMY COMMUNICATIONS-ELECTRONICS COMMAND AND FORT MONMOUTH FORT MONMOUTH, NEW JERSEY 07703-5000

ATTENTION OF

2 October 1990

. 0

MEMORANDUM THRU Commander, U.S. Army Materiel Command, ATTN: AMCSF-P, 5001 Eisenhower Avenue, Alexandria, VA 22333-0001

FOR U.S. Nuclear Regulatory Commission, Region 1, Materials Section B, 475 Allendale Road, King of Prussia, PA 19407

SUBJECT: Amendment to US NRC License 29-01-22-14

1. Reference subject license, issued to this command.

2. Request an amendment be issued to subject license to provide for relief from the monthly area survey requirement for CECOM managed radioactive commodities authorized under subject license.

3. This request has applicability only to those individually controlled radioactive commodities mobilized in support of Operation Desert Shield, such as the AN/UDM-2, -6, and -7C Radiac Calibrator Sets.

4. Exemption has already been granted to extend the leak test frequency of these sources to three years (or upon return to CONUS) and eliminate the necessity to survey the items upon receipt.

5. Our routine evaluations of user locations have, historically, not identified any contamination problems associated with the use or possession of these items.

6. It is understood that all existing requirements imposed by subject license will be followed upon return of commodities to CONUS locations.

7. Our POC is Mr. Joseph Santarsiero or the undersigned at Milnet (AMSEL-SF@MONMOUTH-EMH3.ARMY.MIL); Message (CDR CECOM FT MONMOUTH NJ //AMSEL-SF-RER//); Facsimile on DSN 995-2667 or (201) 542-7161; or Voice on DSN 995-4427 or (201) 544-4427.

8. CECOM Bottom Line: THE SOLDIER.

CDR, USATSG, ATTN: AMXTM-SR

CF:

William H. Hulse Sr

Chief, Safety Office



Control No. 113929



DEPARTMENT OF THE "SMY UNITED ST ABAY TEST, MEASURIDATINT, AND DIAGNOSTIC. IPMENT ACTIVITY (PROVISIONAL) REDSTONE ARSENAL, ALABAMA 35-94-5400

REPLY TO ATTENTION OF

AMXTM-S-LR (385)

30 November 1990

MEMORANDUM FOR Commander, U.S. Army Materiel Command, ATTN: AMCSF-P, 5001 Eisenhower Ayenue, Alexandria VA 22333-0001

SUBJECT: Support Changes for Instrumentation Supporting the AN/UDM-2 RADIAC Calibrator Set

1. Based on the following, the measurement accuracy for beta/gamma survey instrumentation supporting the U.S. Army RADIAC Calibrator Sct AN/UDM 2 in country during Operation Desert Shield has been changed from 10 percent to a 30 percent accuracy for current deployed support requirements:

a. The leak test analysis history of the AN/UDM-2 has demonstrated that the AN/UDM-2 has had no instances of removable contamination during normal use to include deployed field operations.

b. Leak test intervals have been extended for the AN/UDM-2 to 3 years.

2. In-country U.S. Army Test, Measurement, and Diagnostic Equipment Activity Beta-Gamma survey instruments supporting AN/UDM-2 calibrators will be calibrated utilizing the AN/UDM-2 in place of the AN/UDM-1A active level calibrator. Calibration intervals will be maintained at 90 days with the requirement for accompanying calibration reports waived during this deployment.

3. In the event of an incident/accident involving a Desert Shield deployed AN/UDM=E culibrator that results in a potential contamination problem, gamma survey instrumentation that has been calibrated and maintained at a 10 percent accuracy is available in-country for use.

4. Point of contact for questions is Jerry Gray, Health Physicist, Alternate Radiation Control Officer, DSN 746-1987

ATRICK KUYKENDALL Radiation Control Officer U.S. Army TMDE Activity