

DEC - 8 1989

In Reply Refer To:
License: 42-00220-06
Docket: 30-03256/89-01

Veterans Administration Medical Center
ATTN: C. Wayne Hawkins
Medical Center Director
4500 South Lancaster Road
Dallas, Texas 75216

Gentlemen:

Thank you for your letter of November 14, 1989, in response to our letter and attached Notice of Violation both dated October 13, 1989. As a result of our review, we find additional information, as discussed with Mr. Jeff Triebel during a telephone call on December 5, 1989, is needed. Specifically, your response to the three violations identified estimated dates of achieving full compliance that appeared to be excessively distant compared to the nature of the violations. Please provide supporting documentation to justify these dates or propose earlier ones.

Please provide the supplemental information within 15 days of your receipt of this letter so that we can continue our review of this matter.

Sincerely,
Original Signed By:
CHARLES L. CAIN *for*
A. Bill Beach, Director
Division of Radiation Safety
and Safeguards

cc:
Texas Radiation Control Program Director

bcc w/copy of licensee letter:
DMB - Original (IE-07)
RDMartin
ABBeach
LAYandell
LShea, RM/ALF (AR-2015)
CLCain
RJEverett
ADGaines
NMSB
MIS System
RIV Files (2)
RSTS Operator

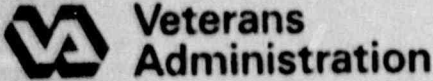
RIV:NMIS *AKJ*
ADGaines:ch
12/7/89

C:NMIS *CLC*
CLCain
12/7/89

D:DRSS *CLC*
ABBeach
12/7/89

8912130367 891208
REG4 LIC30
42-00220-06 PDC

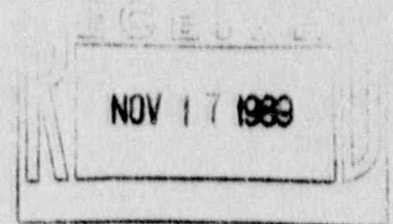
IE-07
11



In Reply Refer To: 549/115

• November 14, 1989

United States Nuclear Regulatory Commission
Region IV
611 Ryan Plaza Drive, Suite 1000
Arlington, TX 76011



REF: License: 42-00220-06, Docket: 30-03256/89-01

This letter is in response to the Notice of Violation dated October 13, 1989.

First violation - Failure to have survey meters calibrated

Since our last inspection in September of 1988, our main priorities have focused on providing adequate training of personnel. Although survey meter calibrations were stressed in training, compliance with this requirement was not yet being enforced. We are now in the process of identifying laboratories that have survey meters and have located a company to perform the calibrations. The appropriate laboratories will be notified of the calibration requirement and expected to comply. The Radiation Safety Officer will monitor compliance during regular laboratory inspections with full compliance expected by May 1990.

Second violation - Failure to have thyroid counts

Again, priorities have focused on training and although the requirement for thyroid counts was stressed in training, enforcement had not yet begun. We will be identifying each laboratory that receives radioactive iodine and require them to comply with requirements. Laboratories not complying would not be allowed to receive further radioactive iodine. Full compliance is expected by March 1990.

Third violation - Failure to maintain unit log books and disposal records

Priorities have again focused on training and although the requirement for log books was covered in training, enforcement had not yet begun. We will be working closely with research personnel in making sure they understand the requirements and in helping them maintain adequate records. Compliance will be monitored by the Radiation Safety Officer during regular inspections with full compliance expected by June 1990.

C. WAYNE HAWKINS
Medical Center Director

IC-89-682 @91129089E 1

IE07

OCT 13 1989

In Reply Refer To:

Licenses: 42-00220-06
 42-00220-08
 SNM-1365

Dockets: 30-03256/89-01
 30-00503/89-01
 70-01401/89-01

Veterans Administration Medical Center
ATTN: C. Wayne Hawkins
 Medical Center Director
4500 South Lancaster Road
Dallas, Texas 75216

Gentlemen:

This refers to the routine, unannounced radiation safety inspection conducted by Ms. Vivian Campbell and Mr. Anthony D. Gaines of this office on August 29 and 30, 1989, of the activities authorized by NRC Byproduct Material Licenses 42-00220-06, SNM-1365, and 42-00220-08, and to the discussion of our findings held by the inspectors with members of your staff at the conclusion of the inspection.

The inspection was an examination of the activities conducted under the license as they relate to radiation safety and to compliance with the Commission's rules and regulations and the conditions of the license. The inspection consisted of selective examinations of procedures and representative records, interviews of personnel, independent measurements, and observations by the inspectors.

During this inspection, no violations or deviations were identified for NRC Byproduct Material Licenses SNM-1365 and 42-00220-08. However, certain of your activities under NRC Byproduct Material License 42-00220-06 were found not to be conducted in full compliance with NRC requirements. Consequently, you are required to respond to this matter in writing, in accordance with the provisions of Section 2.201 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations. Your response should be based on the specifics contained in the Notice of Violation enclosed with this letter.

The inspectors also reviewed the actions you had taken with respect to the two violations for License No. 42-00220-06 observed during our previous inspection conducted on September 12 and 13, 1988. They verified that the corrective actions for these violations had been implemented.

The response directed by this letter and the accompanying Notice is not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

*RIV:NMIS
ADGaines;lw
 / /89

*NMLS
VCampbell
 / /89

*C:NMIS
CLCain
 / /89

D: DSS
ABeach
10/13/89

*Previously Concurred

2910490249

IE-07

Veterans Administration
Medical Center

-2-

Should you have any questions concerning this letter, we will be pleased to discuss them with you.

Sincerely,

Original Signed By:

A: B. BEACH

A. Bill Beach, Director
Division of Radiation Safety
and Safeguards

Enclosure:
Appendix - Notice of Violation
for License No. 42-00220-06

bcc:
DMB - Original (IE-07)
RDMartin
ABBeach
LAYandell
L. Shea, RM/ALF (AR-2015)
*CLCain
*RJEverett
*ADGaines
*VHCampbell
*NMSB
*MIS System
*RIV Files (2)
*RSTS Operator

*W/766

APPENDIX

NOTICE OF VIOLATION

Veterans Administration Medical Center
Dallas, Texas

Docket: 30-03256/89-01
License: 00220-06

During an NRC inspection conducted on August 29 and 30, 1989, violations of NRC requirements were identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C (1989) (Enforcement Policy), the violations are listed below:

License Condition 23 requires that licensed material be possessed and used in accordance with statements, representations, and procedures contained in the application dated April 17, 1985.

- a. Item 10.a.(7) of the application requires, in part, that survey meters be calibrated annually and after servicing.

Contrary to the above, on the day of the inspection some research laboratories were found to have survey meters that had never been calibrated or ones that had not been calibrated for several years. These survey meters were used to make surveys for decay-in-storage disposals of radioactive waste.

This is a Severity Level IV violation. (Supplement VI)

- b. Item 23.a.(4) of the application requires, in part, that procedures for use of radioactive material that are approved by the Radioisotope Safety Committee are accomplished in strict compliance with all safety rules as directed in the Radiation Safety Manual (revised June 1, 1985).

Item III B.4(a) and (b) of the manual requires, in part, that individuals who work with more than 1.0 mCi of radioactive iodine at one time in unsealed form must have a thyroid count done within 24 to 36 hours after exposure, and if they use more than 1.0 mCi of radioactive iodine in unsealed form over a 3-month period they must have a thyroid count at regular 3-month intervals.

Contrary to the above, an individual in a research laboratory, who handled on various occasions 10 mCi of iodine-125 at one time to perform iodinations, had not received a thyroid count since 1978. Also, other individuals in research laboratories who used more than 1.0 mCi of iodine-125 over 3-month periods had not received thyroid counts.

This is a Severity Level IV violation. (Supplement VI)

- c. Item 18.(a) of the application requires, in part, that each time radioactive material is used, disposed of as waste, or transferred to another user within the hospital, an appropriate entry must be made in the Unit Log Book, showing date, activity, and method of dispensation.

8910190254 2 p. 1

Contrary to the above, numerous laboratories had not used the Unit Log Book to keep track of their radioactive material, and some of the laboratories had not kept any records of disposals made by decay-in-storage or by the sewer system.

This is a Severity Level V violation. (Supplement VI)

Pursuant to the provisions of 10 CFR 2.201, Veterans Administration Medical Center is hereby required to submit to this office, within 30 days of the date of the letter transmitting this Notice, a written statement or explanation in reply, including for each violation: (1) the reason for the violation if admitted, (2) the corrective steps which have been taken and the results achieved, (3) the corrective steps which will be taken to avoid further violations, and (4) the date when full compliance will be achieved. Where good cause is shown, consideration will be given to extending the response time.

Dated at Arlington, Texas,
this 13th day of October 1989

NRC FORM 706
1118
H. MC 053

U.S. NUCLEAR REGULATORY COMMISSION

INSPECTOR (NO. 74): Anthony D. Gaines
REVIEWER (NO. 75): C. Cain

INSPECTOR'S REPORT
Office of Inspection and Enforcement

INSPECTORS: Vivian Campbell

LICENSEE VENDOR <u>Veterans Administration Medical Center, Dallas, TX</u> <u>42-00220-06</u>	TRANSACTION TYPE <input checked="" type="checkbox"/> I - INSERT M - MODIFY D - DELETE R - REPLACE	DOCKET NO. (8 digits) <u>03003256</u>	REPORT		NEXT INSP. DATE	
			NO.	SEC.	MO.	YR.
			<u>8901</u>	<u>A</u>	<u>08</u>	<u>90</u>
				B		
				C		
			D			

PERIOD OF INVESTIGATION INSPECTION						INSPECTION PERFORMED BY						ORGANIZATION CODE OF REGION/MO CONDUCTING ACTIVITY (See NRC D530 "Manpower Reporting - Manpower Reporting By Code")						
FROM						TO						OTHER						
MO	DAY	YR	MO	DAY	YR	<input checked="" type="checkbox"/> 1 - REGIONAL OFFICE STAFF						2 - RESIDENT INSPECTOR				REGION	DIVISION	BRANCH
<u>08</u>	<u>29</u>	<u>89</u>	<u>08</u>	<u>30</u>	<u>89</u>	3 - PERFORMANCE APPRAISAL TEAM									<u>4</u>	<u>3</u>	<u>4</u>	

REGIONAL ACTION (Check one box only)						TYPE OF ACTIVITY CONDUCTED (Check one box only)											
<input checked="" type="checkbox"/> 1 - NRC FORM 801						<input checked="" type="checkbox"/> 02 - SAFETY (fee)	<input type="checkbox"/> 05 - MGMT VISIT	<input type="checkbox"/> 10 - PLANT SEC	<input type="checkbox"/> 15 - INQUIRY (no fee)								
<input checked="" type="checkbox"/> 2 - REGIONAL OFFICE LETTER						<input type="checkbox"/> 03 - INCIDENT	<input type="checkbox"/> 07 - SPECIAL (fee)	<input type="checkbox"/> 11 - INVENT. VER.	<input type="checkbox"/> 16 - INVESTIGATION								
						<input type="checkbox"/> 04 - ENFORCEMENT	<input type="checkbox"/> 08 - VENDOR	<input type="checkbox"/> 12 - SHIPMENT/EXPORT									
						<input type="checkbox"/> 06 - MGMT AUDIT	<input type="checkbox"/> 09 - MAT ACCT	<input type="checkbox"/> 13 - IMPORT									

INSPECTION INVESTIGATION FINDINGS (Check one box only)				TOTAL NUMBER OF VIOLATIONS AND DEVIATIONS				ENFORCEMENT CONFERENCE HELD				REPORT CONTAIN 2700 INFORMATION				LETTER OR REPORT TRANSMITTAL DATE						
A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	MRC FORM 801 OR REG LETTER ISSUED		REPORT SENT TO HQ FOR ACTION				
<input checked="" type="checkbox"/>				<u>03</u>							<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<u>10</u>	<u>13</u>	<u>89</u>				

MODULE INFORMATION														MODULE INFORMATION													
REC. ORG.	MODULE NUMBER INSP.				SEC. #	PRIORITY	DIRECT INSPEC. TKN EFFORT IN STAFF HOURS EXPENDED THIS INSPECTION	PERCENTAGE COMPLETED TO DATE	STATUS	MODULE REQ FOLLOWUP				REC. ORG.	MODULE NUMBER INSP.				SEC. #	PRIORITY	DIRECT INSPEC. TKN EFFORT IN STAFF HOURS EXPENDED THIS INSPECTION	PERCENTAGE COMPLETED TO DATE	STATUS	MODULE REQ FOLLOWUP			
TYPE	NUMBER	PHASE	MANUAL CHAPTER	PROCEDURE NUMBER						LEVEL	PHASE	MANUAL CHAPTER	PROCEDURE NUMBER		LEVEL	TYPE	NUMBER	PHASE						MANUAL CHAPTER	PROCEDURE NUMBER	LEVEL	PHASE
0	53	07	0,3		A	0,0	---					0	58	48	5,0	A	0,0	210	C								

Mark through module numbers not reviewed. Fill in leading 0's for hours.

NSIC Form 750
10-01
NSIC 050

U.S. NUCLEAR REGULATORY COMMISSION

FORM INSPECTOR REPORT (SEE 101 AND 102) (SEE 103)

INSPECTOR'S REPORT
Office of Inspection and Enforcement

Gaines, Anthony D.

Signature
C. Cain

INSPECTOR
Vivian Campbell

LICENSEE/VENDOR	TRANSACTION Type	OBJECT NO. (SIC CODE OR LICENSE NO. OR BY PRODUCT/113 CODE)	REPORT		NEXT INSPEC DATE	
			NO	SIC	MO	YR
Veterans Administration Medical Center, Dallas	X - REBOOT 0 - MODIFY 0 - DELETE 0 - REPLACE	070001401	88	01	0	0

PERIOD OF INVESTIGATION/INSPECTION						INSPECTION PERFORMED BY		ORGANIZATION CODE OF REGION/REG CONDUCT REG ACTIVITY (SEE NSIC 050) (MANDATORY REPORTING - MANDATORY REPORTING BY CODE)		
FROM	TO		X			1 - REGIONAL OFFICE STAFF	OTHER	REGION	DIVISION	BRANCH
MO	DAY	YR	MO	DAY	YR	2 - RESIDENT INSPECTOR				
2	9	87	0	1	2	3 - PERFORMANCE APPRAISAL TEAM		4	3	4

REGIONAL ACTION (SEE NSIC 050)	TYPE OF ACTIVITY CONDUCTED (CHECK ONE OR MORE)			
1 - NSIC FORM 801 2 - REGIONAL OFFICE LETTER	01 - SAFETY 02 - INCIDENT 03 - ENFORCEMENT 04 - BOMB AUDIT	05 - BOMB VISIT 06 - SPECIAL 07 - VENDOR 08 - BOMB ACCT.	09 - PLANT SEC. 10 - BOMB VSR 11 - BOMB/EXPORT 12 - REPORT	13 - INQUIRY 14 - INVESTIGATION

INSPECTION INVESTIGATION FINDINGS (CHECK ONE OR MORE)				TOTAL NUMBER OF VIOLATIONS AND DEVIATIONS				ENFORCEMENT COMPLIANCE HELD				REPORT CONTAINS THE INFORMATION				LETTER OR REPORT TRANSMITTAL DATE					
A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	MO	DAY	YR	MO	DAY	YR
				0	0																

MODULE INFORMATION												MODULE INFORMATION											
MODULE NUMBER 8-857						MODULE REG FOLLOWUP						MODULE NUMBER 8-857						MODULE REG FOLLOWUP					
TYPE	ISSUE	STATUS	DATE	INITIALS	COMMENTS	TYPE	ISSUE	STATUS	DATE	INITIALS	COMMENTS	TYPE	ISSUE	STATUS	DATE	INITIALS	COMMENTS	TYPE	ISSUE	STATUS	DATE	INITIALS	COMMENTS
5	3	0	7	03	E							5	3	0	7	03	E						
Management Meeting						Transportation																	
Initial						Noncompliance Followup																	
Program Requirements																							
Radiation Protection																							

INSPECTOR'S REPORT

Office of Inspection and Enforcement

Gaines, Anthony D.

C. Cain

INSPECTOR: Vivian Campbell

LICENSEE/ VENDOR

TRANSACTION TYPE

SECRET NO. (8 digits) OR LICENSE NO. (8-12 PRODUCT/112 digits)

REPORT

REGISTRATION DATE

Veterans Administration Medical Center, Dallas

- 1 - REBURY
- 2 - MODIFY
- 3 - DELETE
- 4 - REPLACE

0130009103

REG	REC	SEC	YR
1	A	5	7
	B		
	C		
	D		

PERIOD OF INVESTIGATION/INSPECTION

INSPECTION PERFORMED BY

ORGANIZATION CODE OF REGION/REG CONDUCT AND ACTIVITY (See 49 CFR 63.21) (Temporary Reporting - Weekly Emergency Reporting - by case)

FROM			TO		
MO	DAY	YR	MO	DAY	YR
2	9	89	10	30	89

- 1 - REGIONAL OFFICE STAFF
- 2 - RESIDENT INSPECTOR
- 3 - PERFORMANCE APPRAISAL TEAM

OTHER

REGION	DIVISION	BRANCH
4	3	4

REGIONAL ACTION (Check one box only)

TYPE OF ACTIVITY CONDUCTED (Check one box only)

- 1 - NRC FORM 801
- 2 - REGIONAL OFFICE LETTER

- 10 - SAFETY
- 11 - INCIDENT
- 12 - ENFORCEMENT
- 13 - NIGHT AUDIT
- 14 - NIGHT VISIT
- 15 - SPECIAL
- 16 - VENDOR
- 17 - MAT. ACCT.
- 18 - PLANT SEC.
- 19 - NIGHT VSR
- 20 - EQUIPMENT REPORT
- 21 - REPORT
- 22 - INQUIRY
- 23 - INVESTIGATION

INSPECTION INVESTIGATION FINDINGS (Check one box only)

TOTAL NUMBER OF VIOLATIONS AND DEVIATIONS

ENFORCEMENT CONFERENCE HELD

REPORT CONTAINS 270 INFORMATION

LETTER OR REPORT TRANSMITTAL DATE

A	B	C	D
1 - CLEAR			
2 - VIOLATION			
3 - DEVIATION			
4 - VIOLATION & DEVIATION			

A	B	C	D	A	B	C	D
1	0						

1 - YES

A	B	C	D

1 - YES

LETTER FORM 801 OR REC LETTER ISSUED			REPORT SENT TO HQ FOR ACTION		
MO	DAY	YR	MO	DAY	YR

MODULE INFORMATION

MODULE INFORMATION

TYPE	MODULE NUMBER	RESP	STATUS	DATE	LEVEL	TITLE	STATUS	DATE	LEVEL	TITLE
	5307	03				Management Meeting				
	586	018				Initial				
	587	100				Program Requirements				
	583	822				Radiation Protection				
	586	702				Transportation				
	592	702				Noncompliance Followup				

BOOKET NO. (8 DIGIT) OR LICENSE NO. (BY PRODUCT) (13 DIGIT)		REPORT NO.		MODULE NUMBER		DATE	
03003256		8701		S1871/10101			
VIOLATION SEVERITY OR DEVIATION				SITE RELATED		IMP.	
A				A C		VI	
B				B D			
C							
D							

INSPECTOR'S REPORT
(Continuation)
Office of Inspection and Enforcement

VIOLATION OR DEVIATION (Enter up to 200 characters for each item. If the item exceeds this number, it will be necessary to paraphrase. Use of more than 20 characters each.)

1	
2	
3	
4	
5	Item 10.a.(7) of the application requires, in part, that survey meters be calibrated annually and after servicing.
6	
7	Contrary to the above, on the day of the inspection some research laboratories were found to have survey meters that had never been calibrated or ones that had not been calibrated for several years. These survey meters were used to make surveys for decay-in-storage disposals of radioactive waste.
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	

SHEET NO. (EQUIP. OR LICENSE
 NO. (BY PRODUCT (1-13 DIGIT))

REPORT

MODULE NUMBER

0303256	8901	A
		B
		C
		D

5187110101	VIOLATION EVENT OR DEVIATION	DATE RELATED	DATE
1 2 3 4 5 6 7 8 9 0		A C	B D
	X		✓

**INSPECTOR'S REPORT
 (Continuation)**

Office of Inspection and Enforcement

VIOLATION OR DEVIATION (Enter up to 200 characters for each item. If the item exceeds the number, it can be necessary to paraphrase. Limit lines to 20 characters each.)

Item 18.(a) of the application requires, in part, that each time radioactive material is used, disposed of as waste, or transferred to another user within the hospital, an appropriate entry must be made in the Unit Log Book, showing date, activity, and method of dispensation.

Contrary to the above, numerous laboratories had not used the Unit Log Book to keep track of their radioactive material, and some of the laboratories had not kept any records of disposals made by decay-in-storage or by the sewer system.

INSPECTOR'S REPORT
 (Continuation)
 Office of Inspection and Enforcement

BUCKET NO. IS CODE OR LICENSE NO. (BY PRODUCT) (12 digits)		REPORT NO. OIG		MODULE NUMBER	VIOLATION SEVERITY OR DEVIATION	DATE RELATED	MP.							
0	3	0	3	2	5	6	8	7	0	1	A	518171/10101		
											B			
											C			
											D			

VIOLATION OR DEVIATION (refer to 49 CFR chapters for each code. If the text exceeds this number, it will be necessary to paraphrase later than to 50 characters each.)

Item 23.a.(4) of the application requires, in part, that procedures for use of radioactive material that are approved by the Radioisotope Safety Committee are accomplished in strict compliance with all safety rules as directed in the Radiation Safety Manual (revised June 1, 1985).

Item III B.4(a) and (b) of the manual requires, in part, that individuals who work with more than 1.0 mCi of radioactive iodine at one time in unsealed form must have a thyroid count done within 24 to 36 hours after exposure and if they use more than 1.0 mCi of radioactive iodine in unsealed form over a 3-month period they must have a thyroid count at regular 3-month intervals.

Contrary to the above, an individual in a research laboratory, who handled on various occasions 10 mCi of iodine-125 at one time to perform iodinations, had not received a thyroid count since 1978. Also, other individuals in research laboratories who used more than 1.0 mCi of iodine-125 over 3-month periods had not received thyroid counts.