

[] Appendix A

[] Appendix B

[] Appendix C

[] Memo

License no. 98-01738-02 Last amendment and date: 46 7/11/75

Category: G1, and Priority: 3, as of last amendment.

Inspection date(s): July 14, 1977 Type of inspection: Routine

[] No noncompliance, clear 591 issued

☒ Noncompliance, Appendix A

IM Action on previous noncompliance, Appendix 8

[] Noncompliance, 591 issued

[] Regional action	Hq action
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[] Supplemental info, Appendix C

See basis in Appendix C or attached memo.

[] Change Category to: _____

☐ Change Priority to: _____

[] Next inspection date: 6/79

① Brig General G Baker Dep Commander WR Army Centre
② Lt Col B R Adcock RSO Hq Svt Women
J Rodgers Inv head Tech others
Dr. Desmond Indicator

Inspector: Epstein

Approved: RO McClinton

2/33

Plan approved: _____ Date: _____

Licensee: _____

License no: _____

Inspection Items	Scheduled for inspection	Post-inspection status	Module no.	766 Time Info
Management meeting - Entrance and Exit Interviews [REQUIRED]	✓	✓	30703B	
Initial Management Meeting				
Program requirements, MC 28 <u>LO</u> [REQUIRED]	✓	✓	78710B	
Licensee Event Followup			92700B	
Followup on Inspector-identified problems			92701B	
Followup on Noncompliance and Deviations	✓	✓	92702B	
IE Bulletin/Immediate Action Letter Followup			92703B	
Followup on Headquarters Requests	---	---	92704B	---
Followup on Regional Requests			92705B	
Independent Inspection Effort [REQUIRED]	✓	✓		
Inspector Dispatched to Site			93700B	
Followup on Significant Event Occurring During Inspection			93701B	

AREAS INSPECTED AND FINDINGS

Licensee: _____ License no: _____ Amendment no: _____

INSPECTION ITEMS	CRITERIA	FINDING
1. <u>Organization</u>		<u>C</u>
Structure of organization as described in requirements?	Lic Cond _____	
NOTES & REMARKS:		
2. <u>Licensee internal audits</u>	Lic Cond _____	<u>C</u>
Scope and frequency of audits as required?		
Conducted by appropriate persons? Records maintained? Reviewed by management?		
Deficiencies identified & corrected?		
NOTES & REMARKS:		
3. <u>Training and qualification of personnel</u>	Lic Cond _____	<u>C</u>
Training & retraining conducted as required?		
Written & oral exams conducted? Examination results reviewed by management?		
Instructions to workers per 19.12?	19.12	
NOTES & REMARKS:		
4. <u>Radiation protection procedures</u>	Lic Cond <u>23</u>	<u>I</u>
Procedures available and implemented? Identify radiopharmaceutical and dose(s)? Cover handling of patients receiving therapeutic doses? Cover handling of cadavers?		
Emergency procedures for spills, etc?		
Personnel understand procedures?		
NOTES & REMARKS: <i>Food & Drink in lab</i>		

AREAS INSPECTED AND FINDINGS

Licensee: _____ License no: _____ Amendment no: _____

INSPECTION ITEM	CRITERIA	FINDING
5. Use of materials	Lic Cond _____	<u>C</u>
Procurement and use as required?		
Special tests (moly breakthrough, leak tests, etc) required?		
Dose calibration checks performed?		
Posting & labeling as required?	20.203	
NOTES & REMARKS:		
6. Storage of materials		<u>C</u>
Material secured in both restricted and unrestricted areas? Adequately?	20.207	
NOTES & REMARKS:		
7. Facilities	Lic Cond _____	<u>C</u>
As described in lic cond or application?		
Any changes made? Adequacy?		
NOTES & REMARKS:		
8. Instruments	Lic Cond _____	<u>C</u>
Survey meters & instruments adequate for program?		
Instruments & meters operable? Calibrated?		
Calibration adequate?		
NOTES & REMARKS:		

AREAS INSPECTED AND FINDINGS

Licensee: _____ License no: _____ Amendment no: _____

INSPECTION ITEMS	CRITERIA	FINDING
9. Receipt and transfer of material		<u>C</u>
Written procedures for pickup, receiving, opening packages?	20.205	
Survey of packages when received?	20.205(c)(1)	
Records of survey of packages?	20.401(b)	
Transfer of materials proper? Transfer records maintained?	30.41, 30.51	
Authorized containers used? Shipping papers & package labels proper for packages on hand?	71.5	
NOTES & REMARKS:		

10. Personnel protection - external		<u>C</u>
Personnel monitoring controls adequate? Exposures minimized?	20.101, 20.202	
Exposure records (NRC-4 or 5) maintained? Available for employee review?	20.102(b), 20.401(a)	
Surveys conducted? Adequate?	20.201	
Records of monitoring, surveys?	20.401	
Levels in unrestricted areas within limits?	20.1, 20.105	
NOTES & REMARKS:		

11. Personnel protection - internal		<u>C</u>
Airborne concentrations in restricted areas?	20.103	
Exposures to minors?	20.104	
Posting of airborne radioactivity areas?	20.203(d)	
Survey, monitoring adequate for airborne radioactivity, surface contamination? Records maintained?	20.201 20.401	
NOTES & REMARKS:		

AREAS INSPECTED AND FINDINGS

Licensee: _____ License no: _____ Amendment no: _____

INSPECTION ITEM	CRITERIA	FINDING
<u>12. Effluent controls, waste disposal</u>		<u>F</u>
Release of effluents controlled?	20.106, 20.303	
Waste disposals controlled?	20.301, 20.303, 20.304, 20.305	
Procedures, records maintained?	20.401, Lic Cond _____	
Surveys made? Adequate?	20.401	
NOTES & REMARKS:	<i>Inadequate evaluation of iodine releases</i>	
<u>13. Notifications and reports</u>		<u>C</u>
To individuals.	19.13	
Overexposures, excessive levels & concentrations, incidents.	20.403, 20.405	
Personnel exposures and monitoring, termination reports.	20.407, 20.408	
Theft or loss of licensed material.	20.402	
NOTES & REMARKS:		
<u>14. Posting of notices</u>		<u>C</u>
Part 20, license & documents, procedures, notice of violations posted?	19.11(a)	
NRC-3 posted?	19.11(c)	
NOTES & REMARKS:		
<u>15. Other license conditions</u>	Lic	_____

AREAS INSPECTED AND FINDINGS

Licensee: _____ License no: _____ Amendment no: _____

INSPECTION ITEMS	CRITERIA	FINDING
16. <u>Confirmatory measurements</u>		_____

17. Independent inspection effort*Accountability for therapeutic implant sources**Special dose considerations**Eyes**Extremities**135 Xe procedures*18. Incidents and events

Any incidents of misadministrations,
contamination, etc, not otherwise
covered by reports?

APPENDIX A - DOCUMENTATION OF NONCOMPLIANCE

Licensee: _____

License no: _____

Reference	Basis for noncompliance
Report item <u>1</u>	20.201b re 20.106
10 CFR <u>20.201b</u>	use of 245 mci I^{125} in coordinations last
Lic Cond _____	Committee uses in unfilted hood 5 mci every
Type n/c <u>Info</u>	two wells by Dr. Diamond No survey to determine air concentrations released from stacks discharge from WRAR Co. Walter Reed Army Research Center - to surrounding unrestricted areas
Report item <u>23</u>	WR 40 15 June 1973 Radiation Protect Program
10 CFR _____	Health Physics Regulations Pg B-3 IP 1
Lic Cond <u>23</u>	
Type n/c <u>Information</u>	states no eating smoking drinking in any area where isotopes are used or stored
Report item _____	Inspector observed food and drink
10 CFR _____	in lab # 3063 Army Research - 11 th Lab
Lic Cond _____	and evidence of smoking in lab # 3044
Type n/c _____	A P32 Lab
Report item _____	
10 CFR _____	
Lic Cond _____	
Type n/c _____	
Report item _____	
10 CFR _____	
Lic Cond _____	
Type n/c _____	

APPENDIX B - LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS

Licensee: _____

License no: _____

Identification and summary of action taken	Status
Report no: _____ Type n/c: _____ Describe: _____	
Action taken:	OPEN CLOSED
Report no: _____ Type n/c: _____ Describe: _____	
Action taken:	OPEN CLOSED
Report no: _____ Type n/c: _____ Describe: _____	
Action taken:	OPEN CLOSED
Report no: _____ Type n/c: _____ Describe: _____	
Action taken:	OPEN CLOSED
Report no: _____ Type n/c: _____ Describe: _____	
Action taken:	OPEN CLOSED

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Licensee: _____

License no: _____

- [] Uncorrected/repeated noncompliance
- [] Unusual occurrence, conditions, etc
- [] Basis for change of Category or Priority

- ☐ Unresolved items
- ☐ Inspector's comments