

LICENSE NO: 08-01738-02

DOCKET NO. (s) 030-01317

PAGE \_\_\_\_\_ OF \_\_\_\_\_

ATTACHED

- Appendix A
- Appendix B
- Appendix C
- Memo

INSPECTION REPORT NO. 83-01

Dept. of the Army [WRAMC]  
USAMRIID

Washington DC 20012

LICENSEE CONTACT: Bill Beckwith

Telephone No: 1-301-663-7373

LICENSE NO: 08-01738-02

CATEGORY G1

PRIORITY: II

CATEGORY \_\_\_\_\_

PRIORITY: \_\_\_\_\_

CATEGORY \_\_\_\_\_

PRIORITY: \_\_\_\_\_

INSPECTION DATE (s): Dec 7, 1983

- TYPE OF INSPECTION:
- SPECIAL
  - ROUTINE
  - DAYSHIFT
  - OTHER
  - ANNOUNCED
  - UNANNOUNCED

SUMMARY OF FINDINGS AND ACTION

- NO NONCOMPLIANCE, CLEAR 591 ISSUED
- NO NONCOMPLIANCE, LETTER
- NONCOMPLIANCE, APPENDIX A

- ACTION ON PREVIOUS NONCOMPLIANCE, APPENDIX B
- NONCOMPLIANCE, 591 ISSUED
- SUPPLEMENTAL INFO, APPENDIX C

RECOMMENDATIONS  
SEE BASIS IN APPENDIX C

- CHANGE CATEGORY TO: \_\_\_\_\_
- NEXT INSPECTION DATE: 12/85

CHANGE PRIORITY TO: \_\_\_\_\_

PERSONS CONTACTED

Bill Beckwith, Sr. H.P. Tech  
Robert Demine, H.P. Tech

Dr. Wm Beisel, M.D. RPO  
Commander  
Attn: H.S. H.L. - H.P. Bldg 188  
Forrest Glen Section  
Wash. DC 20307  
Col. Dan. B. Kimbel, Jr.

INSPECTOR: Teresa Hall Darden 12/19/83

APPROVED: [Signature]

2/54  
1/4/84

AREAS INSPECTED AND FINDINGS

Licensee: \_\_\_\_\_ License No: \_\_\_\_\_ Amendment No: \_\_\_\_\_

INSPECTION ITEMS	CRITERIA	FINDING
1. <u>Organization</u>	Lic Cond _____	C
Management organization?	<p><i>USAMRIB: This is a complete program located in Frederick with 1 Principle Investigator named by main WRAMC lic. Other designated use (X 20) are titled co-workers. Multiple isotopes are in use with limited authorized by main WRAMC license</i></p>	
Radiation Protection Organization?		
Scope of Operation?		
NOTES & REMARKS:		
2. <u>Licensee Internal Audits</u>	Lic Cond _____	C
Scope and frequency?	<p><i>NPTech essentially coordinates and performs the duties of the Rad. Safety. Monthly surveys and audits are performed by AP office. RSC members sit on main WRAMC Rad. Safety Committee</i></p>	
Management controls?		
NOTES & REMARKS:		
3. <u>Training and Instructions to Employees</u>	Lic Cond _____	C
Training program, scope and frequency, retraining?	<p>19.12</p>	
Required tests administered; scores satisfactory?		
Instructions to workers?		
NOTES & REMARKS:		
4. <u>Radiation Protection Procedures</u>	Lic Cond _____	C
Operating & emergency procedures implemented?	<p>20.207</p>	
Security?		
NOTES & REMARKS:		
5. <u>Materials, Facilities and Instruments</u>	Lic Cond _____	C
Authorized uses and quantities? ✓	<p>20.203</p>	
Restricted areas, posting requirements?		
— Survey instruments & dosimeters; operable, properly calibrated? ✓		
NOTES & REMARKS:		

AREAS INSPECTED AND FINDINGS

Licensee: \_\_\_\_\_ License No: \_\_\_\_\_ Amendment No: \_\_\_\_\_

INSPECTION ITEM	CRITERIA	FINDING
<b>6. Receipt and Transfer of Materials</b>		
Procedures implemented, adequate?	20.205, 71.51	<u>C</u>
Transfer of byproduct material?	30.41	
Control of source material,	40.51, 40.64, 70.42, 70.51, 70.53, 70.54	
Labeling and packaging?	71.5, 49CFR 170-189	
Records of receipt, transfer, storage, survey, and monitoring?	30.51	
Procedures for pickup, receipt, monitoring of packages?	20.205(b)&(c)	

NOTES & REMARKS:

*Possession limits are dictated by WRAAC, however local NP technician controls materials receipts and inventory limits.*

<b>7. Personnel Protection - External</b>		
Personnel monitoring control; minimize exposures, control of accumulated dose? ✓	20.101, 201.102, 20.202	<u>H/C</u>
Surveys conducted, adequate? ✓	20.201	
Records of monitoring, surveys, disposals? ✓	20.401, Lic Cond _____	
Levels in unrestricted areas?	20.1, 20.105	

NOTES & REMARKS:

*Field inspection of labs - evidence of eating, drinking & smoking observed. Also observed American breaks. Part of worker was observed during iodination procedure without wearing lab coat.*

<b>8. Personnel Protection - Internal</b>		
Airborne concentrations in restricted areas?	20.103	<u>C</u>
Exposure of minors?	20.104	
Posting of airborne radioactivity areas?	20.203	
Survey, monitoring bioassay requirements; records? ✓	20.201, 20.401	
Leak tests of sealed sources? ✓	Lic Cond _____	

NOTES & REMARKS:

*Sodium workers are scheduled monthly or quarterly for up-takes dependent upon quantities use*

## AREAS INSPECTED AND FINDINGS

Licensee: \_\_\_\_\_ License No: \_\_\_\_\_ Amendment No: \_\_\_\_\_

INSPECTION ITEM	CRITERIA	FINDING
9. <u>Effluent Control, Waste Disposal</u>		<u>C</u>
Release of effluents?	20.106	
Waste disposal, proper packaging for shipment?	20.301, 20.303, 20.304, 20.305	
Procedures, records?	20.401, Lic Cond _____	
NOTES & REMARKS:		
<i>Presently, all waste is disposed of thru Ft. Detrick Science</i>		
10. <u>Transportation</u>		<u>C</u>
Management controls, audits?		
Selection of packaging?	49 CFR 173.393-5; 10 CFR 71	
Preparation of packages for shipment? Filling and loading, closing, liquids?	49 CFR 172, 173	
Markings & labelling?	49 CFR 172.300	
Monitoring?	49 CFR 172.402, 403	
	49 CFR 173.393	
Shipping papers, loading and placarding of vehicles?	49 CFR 172.200	
Reports of Incidents?	49 CFR 171.15, 171.16	
Training program?		
Examination of packages?		
NOTES & REMARKS:		
11. <u>Notifications and Reports</u>		<u>C</u>
To individuals?	19.13	
Overexposures, excessive levels and concentrations, incidents?	20.403, 20.405	
Personnel exposures and monitoring, termination reports?	20.407, 20.408	
Theft or loss of licensed materials?	20.402	
NOTES & REMARKS:		

## AREAS INSPECTED AND FINDINGS

Licensee: \_\_\_\_\_ License No: \_\_\_\_\_ Amendment No: \_\_\_\_\_

INSPECTION ITEM	CRITERIA	FINDING
12. <u>Posting of Notices</u>		<u>  c  </u>
Part 20, license & documents, procedures, notice of violations?	19.11(a)	
NRC-3?	19.11(c)	
NOTES & REMARKS:		
13. <u>Environmental Monitoring Program</u>	Lic Cond _____	<u>  c  </u>
Implementation of program, scope and frequency as required?		
Records maintained, reviewed by management?		
NOTES & REMARKS:		
14. <u>Emergency Preparedness</u>	Lic Cond _____	<u>  c  </u>
Procedures available for incidents and accidents?		
Training for personnel; coordination with supporting groups and agencies?		
NOTES & REMARKS:		
15. <u>Other License Conditions</u>		_____
NOTES & REMARKS:		

AREAS INSPECTED AND FINDINGS

Licensee: \_\_\_\_\_ License No: \_\_\_\_\_ Amendment No: \_\_\_\_\_

INSPECTION ITEM	CRITERIA	FINDING
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16. Confirmatory Measurements

Licensee's surveys verified on sampling basis?	201.105, 20.201	_____
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NOTES & REMARKS:

NRC Instrument: \_\_\_\_\_ Calibration due date: \_\_\_\_\_

17. Independent Inspection Effort

NOTES & REMARKS:

INSPECTION REPORT NUMBER \_\_\_\_\_

Page \_\_\_\_\_ of \_\_\_\_\_

APPENDIX A - DOCUMENTATION OF NONCOMPLIANCE

Licensee: \_\_\_\_\_

License No: \_\_\_\_\_

Reference	Basis for noncompliance
Report item <u>A.</u> 10 CFR _____ Lic Cond <u>19</u> Type n/c _____	<i>Lab coats not worn Eating &amp; Drinking &amp; Smoking in labs</i>
Report item _____ 10 CFR _____ Lic Cond _____ Type n/c _____	
Report item _____ 10 CFR _____ Lic Cond _____ Type n/c _____	
Report item _____ 10 CFR _____ Lic Cond _____ Type n/c _____	
Report item _____ 10 CFR _____ Lic Cond _____ Type n/c _____	
Report item _____ 10 CFR _____ Lic Cond _____ Type n/c _____	

APPENDIX B - LICENSE ACTION ON PREVIOUS INSPECTION FINDINGS

Licenses: \_\_\_\_\_

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

APPENDIX C - SUPPLEMENTARY INFORMATION

Licensee: \_\_\_\_\_ License No: \_\_\_\_\_

- Uncorrected/repeated noncompliance
- Unusual occurrence, conditions, etc
- Basis for change of Category or Priority
- Unresolved items
- Inspector's comments

USAMRIID is the infectious Disease R & D arm of the WRAMC. The program is large and active. Site RPO & HPTech work cooperatively to manage a fairly good program. Some areas of concern is the poor housekeeping in some labs and the controls over civilian and army personnel

INSPECTION PLAN AND REPORT NUMBER \_\_\_\_\_

Page \_\_\_\_\_ of \_\_\_\_\_

Plan Approved: \_\_\_\_\_

Date: \_\_\_\_\_

Licensee: \_\_\_\_\_

License No. \_\_\_\_\_

Inspection Items	Scheduled for Inspection	Post Inspection Status	Module No.
Management Meeting - Entrance and Exit Interviews (Required)			30703B <i>1/12</i>
Program Requirements, MC 2850 (Required)			77710B <i>8.5</i>
Followup on Noncompliance and Deviations			92702B
Independent Inspection Effort (Required)			92706B
Transportation			86740B