

INSPECTION REPORT NO. 77-01

Attached

Appendix A

Appendix B

Appendix C

Memo

U.S. ARMY, FT. MONMOUTH

Licensee contact: STANLEY POTTER Telephone no. _____

SMB-1183 SMA-1323
License no. 29-1027-06 07, 08, 09, 10, 11 Last amendment and date: _____
SMA-1327 SUB-1150

Category: EIA, and Priority: IV, as of last amendment.

Inspection date(s): NOVEMBER 29, 1977
DECEMBER 6, 1977 Type of inspection: Special, Unannounced

SUMMARY OF FINDINGS AND ACTION

- No noncompliance, ~~clear~~ 591 issued
- Noncompliance, Appendix A
- Action on previous noncompliance, Appendix B
- Noncompliance, 591 issued
- Regional action Hq action
- Supplemental info, Appendix C

RECOMMENDATIONS

See basis in Appendix C or attached memo.

Change Category to: _____ NOVEMBER Change Priority to: _____

Next inspection date: NOVEMBER DECEMBER, 1980

PERSONS CONTACTED

- S. Horne - Health Physicist - by phone S. Davidson - H.P. TECH
- B. Diller - Health Physicist _____
- * S. Potter RPO _____
- * Dr. McAffee - Scientific Advisor to
Director of RD & E _____

Inspector: J. Costello

660115
12-9-77

Approved: [Signature]

12/9/77

Plan approved: Date:

Licensee: US ARMY

License no:

Inspection Items	Scheduled for inspection	Post-inspection status	Module no.	766 Time Info
Management meeting - Entrance and Exit Interviews <i>[REQUIRED]</i>	✓	✓	30703B	
Initial Management Meeting				
Program requirements, MC 28 <i>[REQUIRED]</i>	✓	✓		
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 <i>[REQUIRED]</i>	✓	✓		
Inspector Dispatched to Site			93700B	
Followup on Significant Event Occurring During Inspection			93701B	

AREAS INSPECTED AND FINDINGS

Licensee: F. COSTELLO License no: Amendment no:

INSPECTION ITEMS	CRITERIA	FINDING
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1. <u>Organization</u> Management organization. Radiation protection organization.	Lic Cond <u>14</u>	<u>C</u>
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NOTES & REMARKS:

S. POTTER RESPONSIBLE FOR ALL LICENSES EXCEPT COMMODITY LICENSES, THESE ARE HANDLED BY S. HORNE

2. <u>Licensee internal audits</u> Scope and frequency. Management controls.	Lic Cond <u> </u>	<u>N/A</u>
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NOTES & REMARKS:

3. <u>Training and instructions to employees</u> Training program, scope and frequency, retraining. Required tests administered; scores satisfactory. Instructions to workers.	Lic C Lic Cond <u>14</u> 19.12	<u>C</u>
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NOTES & REMARKS:

4. <u>Radiation protection procedures</u> Operating & emergency procedures implemented. Security.	Lic Cond <u>14</u> 20.207	<u>C</u>
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NOTES & REMARKS:

AREAS INSPECTED AND FINDINGS

Licensee: US ARMY License no: _____ Amendment no: _____

INSPECTION ITEM	CRITERIA	FINDING
<u>5. Materials, facilities and instruments</u> <u>C</u>		
Authorized uses and quantities.	Lic Cond <u>89</u>	
Restricted areas, posting requirements.	20.203	
Survey instruments & dosimeters; operable, properly calibrated.	Lic Cond <u>14</u>	
NOTES & REMARKS:		
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<u>6. Receipt and transfer of materials</u> <u>C</u>		
Procedures implemented, adequate.	20.205, 71.51	
Transfer of byproduct material.	30.41	
Labeling and packaging.	71.5, 49CFR 170-189	
Records of receipt, transfer, storage, survey, and monitoring	30.51	
NOTES & REMARKS:		
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<u>7. Personnel protection - external</u> <u>C</u>		
Personnel monitoring control; minimize exposures, control of accumulated dose.	20.101, 20.102, 20.202	
Surveys conducted, adequate.	20.201	
Records of monitoring, surveys, disposals.	20.401, Lic Cond <u>14</u>	
Levels in unrestricted areas.	20.1, 20.105	
NOTES & REMARKS:		
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<u>8. Personnel protection - internal</u> <u>DC</u>		
Airborne concentrations in restricted areas.	20.103	
Exposure of minors.	20.104	
Posting of airborne radioactivity areas.	20.203	
Survey, monitoring requirements; records.	20.201, 20.401	
Leak tests of sealed sources.	Lic Cond _____	
NOTES & REMARKS:		

AREAS INSPECTED AND FINDINGS

Licensee: US Army License no: _____ Amendment no: _____

INSPECTION ITEM	CRITERIA	FINDING
9. Effluent control, waste disposal		<u>NO</u> C
Release of effluents.	20.106	
Waste disposal.	20.301, 20.303, 20.304, 20.305	
Procedures, records.	20.401, Lic Cond _____	

NOTES & REMARKS:

10. Shipping, shipping incidents		<u>N/A</u>
Procedures for pickup, receipt, monitoring of packages.	20.205(b) & (c)	
Transportation of licensed material.	71.5	
Incidents, reports, corrective actions.	49CFR 170-189	

NOTES & REMARKS:

11. Notifications and reports		<u>N/A</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:

12. Posting of notices		<u>C</u>
Part 20, license & documents, procedures, notice of violations.	19.11(a)	
NRC-3.	19.11(c)	

NOTES & REMARKS:

AREAS INSPECTED AND FINDINGS

Licensee: US Army License no: _____ Amendment no: _____

INSPECTION ITEM	CRITERIA	FINDING
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<p>13. <u>Environmental monitoring program</u></p> <p>Implementation of program, scope and frequency as required.</p> <p>Records maintained, reviewed by management.</p> <p>NOTES & REMARKS:</p>	<p>Lic Cond _____</p>	<p><u>N/A</u></p>
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<p>14. <u>Emergency preparedness</u></p> <p>Procedures available for incidents and accidents.</p> <p>Training for personnel; coordination with supporting groups and agencies.</p> <p>NOTES & REMARKS:</p>	<p>Lic Cond _____</p>	<p><u>N/A</u></p>
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<p>15. <u>Other license conditions</u></p> <p>NOTES & REMARKS:</p>	<p>Lic _____</p>	<p><u>N/A</u></p>
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<p>16. <u>Confirmatory measurements</u></p> <p>Licensee's surveys verified on sampling basis.</p> <p>NOTES & REMARKS:</p>	<p>20.105, 20.201</p>	<p><u>C</u></p>
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<p>17. <u>Independent inspection effort</u></p> <p>NOTES & REMARKS:</p> <p>TOUR <u>TOUR</u> FACILITY</p>	<p>_____</p>	<p><u>C</u></p>
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APPENDIX A - DOCUMENTATION OF NONCOMPLIANCE

Licensee: _____

License no: _____

Reference	Basis for noncompliance
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 - LICENSEE ACTION ON PREVIOUS INSPECTION FINDINGS

Licensee: US ARMY

License no: 29-1022-06

Identification and summary of action taken	Status
<p>Report no: <u>7601</u> Type n/c: <u>INF</u> Describe: <u>FAILURE TO EVALUATE URINALYSIS RESULTS</u></p> <p>Action taken: <u>LICENSEE IS NOW EVALUATING URINALYSIS RESULTS IN TERMS OF AIRBORNE PPM CONCENTRATIONS IN ADDITIONS, AIR SAMPLES ARE TAKEN WITH A BUBBLER DURING SAMPLE CHANGES</u></p>	<p>OPEN</p> <p>CLOSED</p>
<p>Report no: _____ Type n/c: _____ Describe: _____</p> <p>Action taken: _____</p>	<p>OPEN</p> <p>CLOSED</p>
<p>Report no: _____ Type n/c: _____ Describe: _____</p> <p>Action taken: _____</p>	<p>OPEN</p> <p>CLOSED</p>
<p>Report no: _____ Type n/c: _____ Describe: _____</p> <p>Action taken: _____</p>	<p>OPEN</p> <p>CLOSED</p>
<p>Report no: _____ Type n/c: _____ Describe: _____</p> <p>Action taken: _____</p>	<p>OPEN</p> <p>CLOSED</p>

APPENDIX C - SUPPLEMENTARY INFO

Licensee:

VS ABLMY

License no:

24-1022-06

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

① MEET INSPECTOR SHOULD INSPECT ACCELERATOR
 W H-3 TARGETS AT GATEWAY NATIONAL
 POOL. PROBABLY MUST ANNOUNCE. PERSISTENT
 H-3 CONTAMINATION.

② VERY LITTLE ACTIVITY ON MOST LICENSES

S. CODE

- ① 10 G NEUTRON GENERATOR @ GATEWAY
- ② 3 KG Irradiators (Co-60) IN BIRD
- ③ UDM 1 - 7G Co-60 > CALIBRATORS
 UDM 1A - 120G Cs-137
- ④ 5 mli Cs-137 & Cs-137 CALIBRATORS
- ⑤ 65 KG Co-60 IN ~~POOL~~ POOL CALIBRATORS
- ⑥ BETA GAUGES
- ⑦ ~~RES~~ MUCH IN STORAGE.