

INSPECTION REPORT NO. 77-01

Attached

[ ] Appendix A

[ ] Appendix B

[ ] Appendix C

[ ] Memo

U.S. ARMY, FT. MONMOUTH  
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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
- B. Diller - Health Physicist
- \* S. Potter RPO
- \* Dr. McAffee - Scientific Advisor to Director of RD & E
- S. Davidson - H.P. TECH

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
<p><u>1. Organization</u>  Management organization.  Radiation protection organization.</p>	Lic Cond <u>14</u>	<u>C</u>
<p><b>NOTES &amp; REMARKS:</b>  S. POTTER RESPONSIBLE FOR ALL LICENSES  EXCEPT COMMODITY LICENSES, THESE ARE  HANDLED BY S. HORNE</p>		
<p><u>2. Licensee internal audits</u>  Scope and frequency.  Management controls.</p>	Lic Cond <u>          </u>	<u>N/A</u>
<p><b>NOTES &amp; REMARKS:</b></p>		
<p><u>3. Training and instructions to employees</u>  Training program, scope and frequency,  retraining.  Required tests administered; scores  satisfactory.  Instructions to workers.</p>	Lic C Lic Cond <u>14</u>  19.12	<u>C</u>
<p><b>NOTES &amp; REMARKS:</b></p>		
<p><u>4. Radiation protection procedures</u>  Operating &amp; emergency procedures  implemented.  Security.</p>	Lic Cond <u>14</u>  20.207	<u>C</u>
<p><b>NOTES &amp; REMARKS:</b></p>		

AREAS INSPECTED AND FINDINGS

Licensee: US ARMY License no: \_\_\_\_\_ Amendment no: \_\_\_\_\_

INSPECTION ITEM	CRITERIA	FINDING
<b>5. <u>Materials, facilities and instruments</u></b>		
Authorized uses and quantities.	Lic Cond <u>89</u>	<u>C</u>
Restricted areas, posting requirements.	20.203	
Survey instruments & dosimeters; operable, properly calibrated.	Lic Cond <u>14</u>	
<i>NOTES &amp; REMARKS:</i>		
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<b>6. <u>Receipt and transfer of materials</u></b>		
Procedures implemented, adequate.	20.205, 71.51	<u>C</u>
Transfer of byproduct material.	30.41	
Labeling and packaging.	71.5, 49CFR 170-189	
Records of receipt, transfer, storage, survey, and monitoring	30.51	
<i>NOTES &amp; REMARKS:</i>		
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<b>7. <u>Personnel protection - external</u></b>		
Personnel monitoring control; minimize exposures, control of accumulated dose.	20.101, 20.102, 20.202	<u>C</u>
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	
<i>NOTES &amp; REMARKS:</i>		
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<b>8. <u>Personnel protection - internal</u></b>		
Airborne concentrations in restricted areas.	20.103	<u>DC</u>
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 _____	
<i>NOTES &amp; REMARKS:</i>		

AREAS INSPECTED AND FINDINGS

Licensee: US Army License no:                      Amendment no:           

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

NOTES & REMARKS:

<b>10. Shipping, shipping incidents</b>		<u>N/A</u>
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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:

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

<b>12. Posting of notices</b>		<u>C</u>
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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 &amp; REMARKS:</p>	<p>Lic Cond <u>          </u></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 &amp; REMARKS:</p>	<p>Lic Cond <u>          </u></p>	<p><u>N/A</u></p>
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<p>15. <u>Other license conditions</u></p> <p>NOTES &amp; REMARKS:</p>	<p>Lic <u>          </u></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 &amp; 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 &amp; REMARKS:</p> <p><del>TOUR</del> <u>TOUR</u> <u>FACILITY</u></p>	<p><u>          </u></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><b>CLOSED</b></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 ml Cs-137 & Cs-137 CALIBRATOR
- ⑤ 65 KG Co-60 IN ~~POOL~~ POOL CALIBRATOR
- ⑥ BETA GAUGES
- ⑦ ~~RES~~ MUCH IN STORAGE