

29-02477-05

LICENSE NO: 29-02477-08

DOCKET NO. (s) 030-05278

030-17167

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ATTACHED

- Appendix A
- Appendix B
- Appendix C
- Memo

030-05278/06-01

INSPECTION REPORT NO. 030-17167/86-01

United States Testing Company, Inc.  
1415 Park Avenue  
Hoboken, New Jersey 07030

LICENSEE CONTACT Carl Yoder

Telephone No: 201-792-2400

LICENSE NO: 29-02477-05

CATEGORY K

PRIORITY: 7

29-02477-08

CATEGORY E

PRIORITY: 3

CATEGORY \_\_\_\_\_

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

INSPECTION DATE (s): April 29, 1986

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: \_\_\_\_\_

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

NEXT INSPECTION DATE: 89-05

PERSONS CONTACTED

~~Carl Yoder (RSC) on vacation~~ Richard Bowen (VP Chemist)  
David L. Hansen (VP Environmental Sciences) Michelle Patxot (Lab Super)  
Brian Roberts (Toxicologist) Michelle Piepalle (Lab Supervisor)  
Janet Drodoski (Manager Biotech) 05

INSPECTOR: Steven Courtman

APPROVED: J. Coyle

5/7/86

AREAS INSPECTED AND FINDINGS

Licensee: United States Testing Company Inc License No: 29-02477-05 Amendment No: 9/1  
 License No: 29-02477-08

INSPECTION ITEMS	CRITERIA	FINDING
1. <u>Organization</u>	Lic Cond _____	<u>C</u>
Management organization?	<i>Richard Pomer is regularly in lab reports to Noel Hewarty (President)</i>	
Radiation Protection Organization?	<i>Boyd Fagan in hospital, regularly leak tests devices</i>	
Scope of Operation?	<i>Carl Yoder (R50)</i>	
NOTES & REMARKS:	<i>5 G.C.'s ((3 Shimadzu 2 HP) 7 detector cells</i>	
2. <u>Licensee Internal Audits</u>	Lic Cond _____	<u>C</u>
Scope and frequency?	<i>Pomer regularly visits labs (about once a week)</i>	
Management controls?	<i>Reports to President</i>	
NOTES & REMARKS:		
3. <u>Training and Instructions to Employees</u>	Lic Cond _____	<u>C</u>
Training program, scope and frequency, retraining?	<i>Hewlett Packard training course on-the-job training, previous experience</i>	
Required tests administered; scores satisfactory?	<i>Verbal, no tests</i>	
Instructions to workers?	19.12	
NOTES & REMARKS:	<i>Told upon hiring / confirmed.</i>	
4. <u>Radiation Protection Procedures</u>	Lic Cond _____	<u>C</u>
Operating & emergency procedures implemented?	<u>C</u>	
Security?	20.207	<i>Locks on Lab doors</i>
NOTES & REMARKS:	<i>Security guard</i>	
5. <u>Materials, Facilities and Instruments</u>	Lic Cond _____	<u>C</u>
Authorized uses and quantities?	<i>9-1 HP no longer used. Shipped back to manufacturer.</i>	
Restricted areas, posting requirements?	N/A 20.203	
Survey instruments & dosimeters; operable, properly calibrated?	N/A	
NOTES & REMARKS:		

AREAS INSPECTED AND FINDINGS

Licensee: United States Testing Company License No: 29-02477-08 Amendment No: 9/1  
Inc.

INSPECTION ITEM	CRITERIA	FINDING
<b>6. <u>Receipt and Transfer of Materials</u></b>		
Procedures implemented, adequate?	20.205, 71.51	<u>C</u> Only transfers are to manufacturer
Transfer of byproduct material?	30.41	for replacement
Control of source material,	40.51, 40.64, 70.42 70.51, 70.53, 70.54	<u>C</u>
Labeling and packaging?	71.5, 49CFR 170-189	N/A
Records of receipt, transfer, storage, survey, and monitoring?	30.51	<u>C</u>
Procedures for pickup, receipt, monitoring of packages?	20.205(b)&(c)	N/A
NOTES & REMARKS:		
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<b>7. <u>Personnel Protection - External</u></b>		
Personnel monitoring control; minimize exposures, control of accumulated dose?	20.101, 201.102, 20.202	N/A
Surveys conducted, adequate?	20.201	N/A
Records of monitoring, surveys, disposals?	20.401, Lic Cond	N/A
Levels in unrestricted areas?	20.1, 20.105	<u>C</u>
NOTES & REMARKS:		
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<b>8. <u>Personnel Protection - Internal</u></b>		
Airborne concentrations in restricted areas?	20.103	N/A
Exposure of minors?	20.104	N/A
Posting of airborne radioactivity areas?	20.203	N/A
Survey, monitoring bioassay requirements; records?	20.201, 20.401	N/A
Leak tests of sealed sources?	Lic Cond	<u>C</u>
NOTES & REMARKS:		

AREAS INSPECTED AND FINDINGS

Licensee: United States Testing Company, Inc License No: 29-02477-09 Amendment No: 9/1

INSPECTION ITEM	CRITERIA	FINDING
9. <u>Effluent Control, Waste Disposal</u>		<u>N/A</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:		
10. <u>Transportation</u>		<u>N/A</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 <u>N/A</u>	
Overexposures, excessive levels and concentrations, incidents?	20.403, 20.405 <u>N/A</u>	
Personnel exposures and monitoring, termination reports?	20.407, 20.408 <u>N/A</u>	
Theft or loss of licensed materials?	20.402 <u>C</u> <u>None</u>	
NOTES & REMARKS:		

AREAS INSPECTED AND FINDINGS

Licensee: United States Testing Company, Inc License No: 29-02477-08 Amendment No: 9/1

INSPECTION ITEM	CRITERIA	FINDING
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12. <u>Posting of Notices</u>		<u>C</u>
Part 20, license & documents, procedures, notice of violations?	19.11(a)	
NRC-37	19.11(c)	
NOTES & REMARKS:		

13. <u>Environmental Monitoring Program</u>	Lic Cond _____	<u>N/A</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>		
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NOTES & REMARKS:

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77710B - Industrial - Academic

AREAS INSPECTED AND FINDINGS

Licensee: United States Testry License No: 29-02477-05 Amendment No: 9/1  
Company, Inc.

INSPECTION ITEM	CRITERIA	FINDING
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16. Confirmatory Measurements

C

Licensee's surveys verified on sampling basis? 201.105, 20.201

Blog 14 uR/hr same near detectors

NOTES & REMARKS:

NRC Instrument: Ludlum 19 Calibration due date: 6/6/86  
9499

17. Independent Inspection Effort

NOTES & REMARKS:

APPENDIX C - SUPPLEMENTARY INFORMATION

Licensee: United States Testing Company Inc.

29-02477-05  
License No: 29-0247708

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

No material is possessed under 29-02477-08.  
They are decided whether they want to continue the license.

The RSO was on vacation and the person who does the rope testing was recovering from a heart attack. Recommend watching him take tests at next inspection.

Wood, ground radiograph, is being related from  
license renewal.

No C<sub>14</sub> on site, no liquid scint counter  
for process of renewal.

11:30 - 12:30

1:30 - 3:00

Gulf Station 3:00 - 3:30