

REGION IV
TECHNICAL PROGRAMS BRANCH
DRAFT INSPECTION REPORT

Licensee: Halliburton Industrial Services, Inc. Report: P3-01
1715 Base N. Ave. License: 35-0502-05
Meriden, Oklahoma 73536 Docket: 030-20054
Inspection At: 409 North 12th Category/Priority: E3
Inspection Dates: October 19, 1983
Licensee Contact: John Kross, President Telephone No: (405) 251-3360
Previous Inspection Dates: initial Previous Findings: —

Type Inspection: <input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Unannounced <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Special	Inspection Procedures: <input checked="" type="checkbox"/> 30703B Management Meeting <input checked="" type="checkbox"/> 30800B Initial <input checked="" type="checkbox"/> 77700B Program Requirements <input checked="" type="checkbox"/> 86740B Transportation <input type="checkbox"/> 92702B Noncompliance Followup <input checked="" type="checkbox"/> 92706B Independent Effort <input type="checkbox"/>
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Persons Contacted

John Kross, President Paul Pettit - telecon.
William Kelly - Reg. Specialist
Ron Brantley

Inspection Findings

- ☐ 591 - No Violations
- ☒ 591 - Violations
- ☐ Regional Office Letter
- ☐ Appendix A - Violations (attached)
- ☐ Appendix B - Action on previous violations (attached)
- ☐ Appendix C - Inspector comments/supplemental information (attached)

Direct Inspection Effort: 3 Hrs.

Next Inspection Date: 11/84 ☐ Normal ☒ Advanced ☐ Extended

Inspector: D. Alan Smith

Approved: Amuratt

B-19

AREAS INSPECTED AND FINDINGS

Licensee: _____ License no: _____ Amendment no: _____

INSPECTION ITEMS	CRITERIA	FINDING
1. Organization Management organization. Radiation protection organization.	Lic Cond <u>15</u> <u>John Kase - Pres.</u> <u>Paul Pettit - Asst. Gaithersburg, MD.</u> <u>District Manager</u> <u>Van Bailey - regulatory affairs</u>	<u>clean</u> 20-25 Employees connected with NRC license
2. Licensee internal audits Scope and frequency. Management controls.	Lic Cond _____	_____
3. Training and instructions to employees Training program, scope and frequency, retraining. Required tests administered; scores satisfactory. Instructions to workers.	Lic C Lic Cond <u>15</u> 19.12	<u>Violation</u> All training records in Gaithersburg, M.D. Not available for inspection at licensee's address - <u>violation</u>
4. Radiation protection procedures Operating & emergency procedures implemented. Security.	Lic Cond <u>15</u> 20.207	<u>clean</u>
NOTES & REMARKS:	Procedures contained in application	

AREAS INSPECTED AND FINDINGS

Licensee: License no: Amendment no:

INSPECTION ITEM	CRITERIA	FINDING
5. <u>Materials, facilities and instruments</u>		<u>Clean</u>
Authorized uses and quantities.	Lic Cond <u>6-10</u>	
Restricted areas, posting requirements.	20.203	
Survey instruments & dosimeters; operable, properly calibrated.	Lic Cond <u>15</u>	<u>at Hancon.</u>
NOTES & REMARKS: Work has not been performed under license as yet. Work will begin soon at various sites. Personnel limit to be determined by spectroscopic analysis of samples. Equipment transported to field sites will undergo prior decontamination.		
6. <u>Receipt and transfer of materials</u>		<u>n/a</u>
Procedures implemented, adequate.	20.205, 71.57	
Transfer of byproduct material.	30.41	
Labeling and packaging.	71.5, 49CFR 170-183	
Records of receipt, transfer, storage, survey, and monitoring	20.51	
NOTES & REMARKS:		
7. <u>Personnel protection - external</u>		<u>Violation</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.	20.407, Lic Cond	
Levels in unrestricted areas.	20.1, 20.105	
NOTES & REMARKS: Dosimetry program as described in license. Some exposure histories maintained at Hancon (duplicates). Original records maintained in Gaithersburg, MD. - unavailable for inspection at licensee address - <u>Violation</u>		
8. <u>Personnel protection - internal</u>		<u>Clean</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: According to application no internal exposures anticipated		

AREAS INSPECTED AND FINDINGS

Licensee: _____ License no: _____ Amendment no: _____

INSPECTION ITEM	CRITERIA	FINDING
9. <u>Effluent control, waste disposal</u>		<u>clean</u>
Release of effluents.	20.106	
Waste disposal.	20.301, 20.303, 20.304, 20.305	
Procedures, records.	20.401, Lic Cond _____	

NOTES & REMARKS: *licensing may be sent to biased site, through middle man.
licensing cognizant of Part 61 changes*

10. <u>Shipping, snipping incidents</u>		<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. <u>Notifications and reports</u>		<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. <u>Posting of notices</u>		<u>n/a</u>
Part 20, license & documents, procedures, notice of violations.	19.11(a)	
HRC-3.	19.11(c)	

NOTES & REMARKS: *could not verify at locations where work has been performed*

AREAS INSPECTED AND FINDINGS

777103 - Industrial-Academic

Licensees: _____ License no: _____ Amendment no: _____

INSPECTION ITEM	CRITERIA	FINDING
12. <u>Environmental monitoring program</u>	Lic Cond _____	_____

Implementation of program, scope and frequency as required.
Records maintained, reviewed by management.

NOTES & REMARKS:

14. <u>Emergency preparedness</u>	Lic Cond _____	_____
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Procedures available for incidents and accidents.
Training for personnel; coordination with supporting groups and agencies.

per application

NOTES & REMARKS:

15. <u>Other license conditions</u>	Lic _____	_____
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NOTES & REMARKS:

16. <u>Confirmatory measurements</u>		_____
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Licensee's surveys verified on sampling basis.

20.105, 20.201

NOTES & REMARKS:

17. <u>Independent inspection effort</u>		_____
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NOTES & REMARKS:

*Licensee work controlled by Petrol in Greenhouse
P.D. Reemsun field site (see app.). Records of surveys,
expenses, training, etc. are either maintained at field
sites or in Maryland. Licensee may amend license to
control this practice. If so but may need to request
assent inspections from other regions in the future.*