

REGION IV
TECHNICAL PROGRAMS BRANCH
DRAFT INSPECTION REPORT

Licensee: Halliburton Industrial Services, Inc. Report: 83-01
1015 Base N. Ave. License: 35-0502-05
Alameda, Oklahoma 73536 Docket: 030-20044
 Category/Priority: E 3
 Inspection At: 408 North 12th Inspection Dates: October 19, 1983
 Licensee Contact: John Knox, President Telephone No: (405) 251-3860
 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: <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> 30703B Management Meeting <input checked="" type="checkbox"/> 30800B Initial <input checked="" type="checkbox"/> 77710B Program Requirements <input checked="" type="checkbox"/> 86740B Transportation </div> <div> <input type="checkbox"/> 92702B Noncompliance Followup <input checked="" type="checkbox"/> 92706B Independent Effort <input type="checkbox"/> <input type="checkbox"/> </div> </div>
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Persons Contacted

<u>John Knox, President</u>	<u>Paul Pettit - telecon.</u>
<u>Alameda Kelly - Reg. Specialist</u>	
<u>Ron Borchert</u>	

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. Hain Fritzberg

Approved: Summitt

B-19

777208 - Industrial-Academic

AREAS INSPECTED AND FINDINGS

Licensee: _____ License no: _____ Amendment no: _____

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

AREAS INSPECTED AND FINDINGS

Licensee: License no: Amendment no:

INSPECTION ITEM	CRITERIA	FINDING
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5. Materials, facilities and instrumentsClear

Authorized uses and quantities.

Lic Cond 6-10

Restricted areas, posting requirements.

20.203

Survey instruments & dosimeters; operable, properly calibrated.

Lic Cond 15

NOTES & REMARKS: Work has not been performed under license as yet. Work will begin soon at various sites. Duration limit to be determined by spectroscopic analysis of samples. Equipment transported to field sites will undergo prior decontamination.

6. Receipt and transfer of materialsn/a

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

20.57

NOTES & REMARKS:

7. Personnel protection - externalViolation

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 Alencar (duplicates). Original records maintained in Gaithersburg, MD. - unavailable for inspection at licensee address - Violation

8. Personnel protection - internalClear

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

Licensees: _____ 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: *licenses may be sent to burial sites through middle men.
licenses cognizant of Part 61 changes*

10. <u>Shipping, shipping 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, notices 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

777203 - Industrial-Academic

Licensee: _____ License no: _____ Amendment no: _____

INSPECTION ITEM	CRITERIA	FINDING
13. <u>Environmental monitoring program</u> Implementation of program, scope and frequency as required. Records maintained, reviewed by management. NOTES & REMARKS:	Lic Cond _____	_____
14. <u>Emergency preparedness</u> Procedures available for incidents and accidents. Training for personnel; coordination with supporting groups and agencies. NOTES & REMARKS:	Lic Cond _____ <i>per application</i>	<u>OK</u>
15. <u>Other license conditions</u> NOTES & REMARKS:	Lic _____	_____
16. <u>Confirmatory measurements</u> Licensee's surveys verified on sampling basis. NOTES & REMARKS:	20.105, 20.201	_____
17. <u>Independent inspection effort</u> NOTES & REMARKS:	<i>Licensee work controlled by Petrol in Greithersburg, MD. Numerous field sites (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 RTR may need to request consent inspections from other regions in the future.</i>	