

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>Michigan Wireline Services 4854 E. River Road Mt. Pleasant, MI</p> <p>REPORT NUMBER(S)                      08-01</p>	<p>2. NRC/REGIONAL OFFICE</p> <p>U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351</p>	
<p>3. DOCKET NUMBER(S)</p> <p>030-30649</p>	<p>4. LICENSEE NUMBER(S)</p> <p>21-25931-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p style="text-align: right;">9/3/08</p>

**LICENSEE:**  
The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied.

\_\_\_\_\_ Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(s):

- 4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.  
(Violations and Corrective Actions)



**Licensee's Statement of Corrective Actions for Item 4, above.**

I hereby state that, within 30 days, the actions described by me to the inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

Title	Printed Name	Signature	Date
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	Ken Lambert		9/3/08

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AND COMPLIANCE INSPECTION

1. LICENSEE Michigan Wireline Services REPORT NUMBER(S) 08-01		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-30649	4. LICENSE NUMBER(S) 21-25931-01	5. DATE(S) OF INSPECTION September 3, 2008	
6. INSPECTION PROCEDURES USED 87123	7. INSPECTION FOCUS AREAS 03.01 – 03.07		

## SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 3110	2. PRIORITY 3	3. LICENSEE CONTACT Dennis McConahy, RSO	4. TELEPHONE NUMBER 989-772-5075
<input checked="" type="checkbox"/> Main Office Inspection		Next Inspection Date: September 2011	
<input type="checkbox"/> Field Office			
<input type="checkbox"/> Temporary Job Site Inspection			

## PROGRAM SCOPE

The licensee was a small logging service company with 17 employees and was authorized to perform well logging and tracer studies of oil and gas wells. Licensed material was used weekly or biweekly within the State of Michigan. The licensee possessed one 2 curies Cs-137 source, in secured storage since 1986, and two 3 curie Am-241;Be sources, and one 100 mCi Am-241;Be source. The americium sources are used approximately 25 times per year. The licensee used the sources 3 times in July 2008 and 5 times in August 2008. The licensee receives 20 mCi of I-131 for tracer studies approximately 15 times per year. At the time of the inspection, the licensee was not performing any well logging or tracer studies. The licensee had 3 tracer studies scheduled for the following week.

## Performance Observations

During this inspection, the inspector toured the source storage vault, interviewed select licensee personnel, and reviewed select records including inventory and leak tests, use logs, equipment checks, shipping papers and dosimetry.

License material was observed adequately secured within the source storage vault and was not readily accessible to members of the general public.

The licensee exchanges personal dosimetry quarterly with a NVLAP approved vender. Records reviewed indicated the maximum whole body exposures for 2007 were 201 millirem and for 2008 were minimal.

Independent measurements were taken of the source storage container and indicated 5 mr/hr on the surface and 0.1 mr/hr at 1 meter. Surveys of the outside walls of the storage vault were performed and the maximum activity on the surface of the wall was 0.3 mr/hr. This reading was inside the licensee's shop and not readily accessible to the general public.

No violations of regulatory requirements were identified.