



**Docket File Information**

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  Michigan Wireline Services, Inc. 4854 East River Road Mt. Pleasant, MI 48804  REPORT NUMBER(S) 2018001	2. NRC/REGIONAL OFFICE  Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
---	---

3. DOCKET NUMBER(S)  030-30649	4. LICENSE NUMBER(S)  21-25931-01	5. DATE(S) OF INSPECTION  5/18/18; with in-office review through 5/29/18
--------------------------------------	---	--

6. INSPECTION PROCEDURES USED  87123	7. INSPECTION FOCUS AREAS  All
--	--------------------------------------

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)  03110	2. PRIORITY  3	3. LICENSEE CONTACT  Dennis McConahy, RSO	4. TELEPHONE NUMBER  (989) 772-5075
---------------------------------	----------------------	---	---

Main Office Inspection                      Next Inspection Date: 5/18/2021

Field Office Inspection

Temporary Job Site Inspection

**PROGRAM SCOPE**

This was an unannounced routine inspection of a well service company authorized to store byproduct material at its facility in Mount Pleasant, Michigan, and to use that material for well logging and tracer studies at temporary job sites within NRC jurisdiction. The licensee performed approximately 20 neutron logs per year using its Am-241:Be source and approximately 6 tracers studies per year using unsealed I-131 tracer material. At the time of the inspection, the licensee possessed one Am-241:Be and one Cs-137 source in addition to some residual I-131 tracer material that was decaying in storage.

The inspectors toured the Mount Pleasant shop to evaluate the licensee's measures for materials security, hazard communication, and exposure control. Independent surveys of the facility with all licensed material in storage indicated no exposures to members of the public in excess of regulatory limits. The inspectors were unable to observe the conduct of licensed operations during this inspection, as no well logging jobs were scheduled for the week of the inspection. However, licensee personnel demonstrated the implementation of various procedures, including receipt and transportation of sources, tracer material handling including waste disposal, use of survey meters on job sites and sealed source leak testing. Through these demonstrations and other discussions, the inspectors found the licensee's staff to be knowledgeable of radiation protection procedures and regulatory requirements.

The inspectors reviewed a selection of licensee records, including package receipt documentation, utilization logs, semiannual inventories and maintenance records, sealed source leak test results, personnel dosimetry report, and decay-in-storage waste disposal records. The inspectors also reviewed documentation of a source combination service in which an authorized service provider combined two of the licensee's Am-241:Be sources to yield one higher activity source. This combined source was the Am-241:Be source in the licensee's inventory at the time of the inspection.

No violations of NRC requirements were identified as a result of this inspection.

**Harvey, Edward**

---

**From:** Harvey, Edward  
**Sent:** Monday, June 11, 2018 5:53 AM  
**To:** 'EDDIE CRAIN'  
**Cc:** Craffey, Ryan  
**Subject:** NRC Inspection Report  
**Attachments:** NRC IR 03030649\_2018001.pdf

Good morning Dennis,

I have attached the inspection report for the NRC inspection performed at your facility in Mount Pleasant, Michigan on May 18, 2018. I would greatly appreciate if you would confirm receipt of the attachment. You are not required to respond to the report as there were no violations identified during the inspection.

In accordance with Title 10 of the Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this report will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Please do not hesitate to contact me if you have any questions or concerns.

Thank you,

Edward Harvey  
Health Physicist  
US NRC Region III  
Division of Nuclear Materials Safety  
(630) 829-9819