

## ENCLOSURE 6 – INSPECTION RECORD

Region: III      Inspection Report No. 03011942/12-001(DNMS)      License No. 21-16955-01  
Docket No. 030-11942

Licensee (Name and Address):

Coleman Engineering Company  
635 Circle Drive  
Iron Mountain, MI 49801

Location (Authorized Site) Being Inspected:

635 Circle Drive  
Iron Mountain, MI 49801

Licensee Contact: John Edlebeck  
Priority: 5

Telephone No.: 906-774-3440  
Program Code: 03121

Type of Inspection:      ☐ Initial      ☒ Routine      ☐ Announced  
   ☐ Special      ☒ Unannounced

Date of Last Inspection: 4/18/2007      Date of This Inspection: 5/15/2012

Next Inspection Date: May 2017      ☒ Normal      ☐ Reduced

Justification for reducing the routine inspection interval:

N/A

Summary of Findings and Actions:

- ☐ No violations cited, clear U.S. Nuclear Regulatory Commission (NRC) Form 591 or regional letter issued
- ☐ Non-cited violations (NCVs)
- ☐ Violation(s), Form 591 issued
- ☒ Violation(s), regional letter issued
- ☐ Follow-up on previous violations

Inspector(s) Ed Kulzer, Ryan Craffey      Date: 6/11/2012  
Name

Ed Kulzer Ryan Craffey  
Signature

Approved Hironori Peterson      Date: 6/15/2012  
Name

Hironori Peterson  
Signature

## **PART I - LICENSE, INSPECTION, INCIDENT/EVENT AND ENFORCEMENT HISTORY**

### **1. AMENDMENTS AND PROGRAM CHANGES:**

<u>AMENDMENT #</u>	<u>DATE</u>	<u>SUBJECT</u>
14	10/7/2009	moved storage location at Iron Mountain facility, changed Radiation Safety Officer (RSO), established finite possession limits

No other program changes since last inspection in April 2007.

### **2. INSPECTION AND ENFORCEMENT HISTORY:**

None since last inspection.

### **3. INCIDENT/EVENT HISTORY:**

None.

## **PART II - INSPECTION DOCUMENTATION**

### **1. ORGANIZATION AND SCOPE OF PROGRAM:**

This licensee is authorized to possess Cs-137 (15 sources not to exceed 11 millicuries each) and Am-241 (15 sources not to exceed 50 millicuries each) for use in Troxler, Campbell Pacific Nuclear and Humbolt Scientific portable gauges, which may be used or stored at the licensee's facilities in Iron Mountain, Michigan, Ironwood, Michigan, or at temporary jobsites within NRC jurisdiction.

The licensee currently possesses eight gauges in three locations: four gauges in Iron Mountain, three in Ironwood, and one in Negaunee. One gauge in Iron Mountain is no longer in use and is to undergo decommissioning; the rest are considered in use. The licensee does not perform any service or maintenance activities on its gauges; those services are performed by the manufacturer.

The RSO for this license is John E. Edlebeck. He assumed the duties of RSO in 2009, after the previous RSO took an extended leave of absence. Currently another individual, Chris Rasmussen, is preparing to assume the duties of RSO. On May 25, 2012, the licensee submitted an amendment request, in part to name Mr. Rasmussen the new RSO.

At present there are 14 authorized users of licensed material who have all completed the manufacturer's training.

### **2. SCOPE OF INSPECTION:**

Inspection Procedure(s) Used: 87124

Focus Areas Evaluated: 03.01 – 03.07

The inspectors reviewed the licensee's dosimetry, leak test and inventory records for the past three years. The inspectors also reviewed the licensee's training records to verify that all users had completed the manufacturer's training.

3. INDEPENDENT AND CONFIRMATORY MEASUREMENTS:

The inspectors surveyed the area in the vicinity of the licensee's storage locker at the Iron Mountain location.

The licensee possesses a survey instrument in the event of an emergency. It was last calibrated on May 2, 2012.

4. VIOLATIONS, NCVs, AND OTHER SAFETY ISSUES:

Title 10 CFR 30.34(c) – As of 5/15/2012, the licensee failed to confine its possession of byproduct material to the locations authorized by the license. Specifically, the licensee permanently stored one gauge in Negaunee, Michigan, a location not authorized by the license as a permanent storage location. As a corrective action, the licensee submitted an amendment request on May 25, 2012, in part to add the Negaunee location of use to the license.

10 CFR 20.1101(c) – As of 5/15/2012, the licensee failed to review its radiation protection program content and implementation at least annually. Specifically, the licensee had not reviewed the content and implementation of its program since June of 2009. As a corrective action, the licensee committed to perform and document audits in the future on an annual basis.

5. PERSONNEL CONTACTED:

John E. Edlebeck (#\*)  
Chris Rasmussen (#)

# Individual(s) present at entrance meeting  
\* Individual(s) present at exit meeting

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