

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

**IMC Potash Hersey, Inc.
1395 S. 135th Avenue
Hersey, MI 49639**

2. NRC/REGIONAL OFFICE

**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352**

REPORT 2006-001

3. DOCKET NUMBER(S)

03030895

4. LICENSEE NUMBER(S)

21-25993-01

5. DATE(S) OF INSPECTION

January 18, 2006

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.

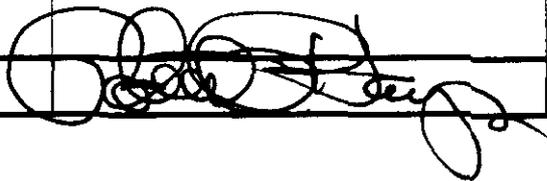
_____ Non-Cited Violation(s) was/were discussed involving the following requirement(s) and Corrective Action(s):

- 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	Robert P. Hays		1/18/06

Docket File Information
**SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION**

1. LICENSEE IMC Potash Hersey, Inc. REPORT NUMBER(S) 2006-001		2. NRC/REGIONAL OFFICE Region III	
3. DOCKET NUMBER(S) 03030895	4. LICENSE NUMBER(S) 21-25993-01	5. DATE(S) OF INSPECTION January 18, 2006	
6. INSPECTION PROCEDURES USED 87123	7. INSPECTION FOCUS AREAS 03.01 - 03.07		
SUPPLEMENTAL INSPECTION INFORMATION			
1. PROGRAM CODE(S) 03111	2. PRIORITY E-3	3. LICENSEE CONTACT Bill Hicks, RSO	4. TELEPHONE NUMBER 231/832-5578
<input checked="" type="checkbox"/> Main Office Inspection		Next Inspection Date: January 2009	
<input type="checkbox"/> Field Office _____			
<input type="checkbox"/> Temporary Job Site _____			

PROGRAM SCOPE

The licensee is authorized to use americium-241 in one Gulf Nuclear Model NEEI-AmBe-71-1 sealed neutron source, not to exceed 3.3 curies used in a Gearhart source holder for use in oil, gas, and mineral (salt and potash) well logging. The licensee is required to use the one neutron source only at the authorized location of use as specified in the license and not transported off site. The logging source/tool is used an average of 2 logging procedures per month with a total of 2 logging supervisors including the RSO.

Performance Observations

During the inspection, the licensee's RSO and logging supervisor demonstrated/discussed: (1) survey meter availability and use; (2) signage (3) source storage and security requirements; (4) maintenance; (5) staff annual refresher training; (6) dosimetry; (7) annual radiation safety program reviews. (8) leak tests and inventories of the source; and (9) operating/source handling procedures.