

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED:  <b>Hemlock Semiconductor Corporation</b> <b>P. O. Box 80</b> <b>Hemlock, MI 48626</b>  REPORT NUMBER(S)	2. NRC/REGIONAL OFFICE  <b>U.S. Nuclear Regulatory Commission</b> <b>Region III</b> <b>2443 Warrenville Road</b> <b>Suite 210</b> <b>Lisle, Illinois 60532-4351</b>
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3. DOCKET NUMBER(S) <b>030-37611</b>	4. LICENSEE NUMBER(S) <b>21-32682-01</b>	5. DATE(S) OF INSPECTION <b>April 14, 2009</b>
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**LICENSEE:** 15  
 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:

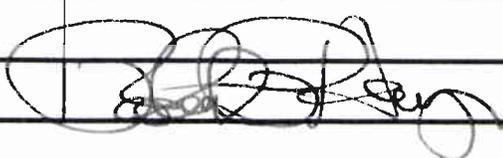
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is 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	<b>Robert P. Hays</b>		<b>4/14/2009</b>

*Handwritten initials*

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AND COMPLIANCE INSPECTION**

1. LICENSEE <b>Hemlock Semiconductor Corporation</b>		2. NRC/REGIONAL OFFICE <b>Region III 2443 Warrenville Road, Suite 210 Lisle, IL 60532</b>	
REPORT NUMBER(S) <b>2009-001</b>			
3. DOCKET NUMBER(S) <b>03037611</b>	4. LICENSE NUMBER(S) <b>21-32682-01</b>	5. DATE(S) OF INSPECTION <b>April 15, 2009</b>	
6. INSPECTION PROCEDURES USED <b>87124 (11/25/03)</b>	7. INSPECTION FOCUS AREAS <b>03.01-03.07</b>		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) <b>03120</b>	2. PRIORITY <b>5</b>	3. LICENSEE CONTACT <b>Wallace Millett, RSO</b>	4. TELEPHONE NUMBER <b>989-642-5201, x. 2005</b>
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Main Office Inspection      Next Inspection Date: **April 2014**

Field Office \_\_\_\_\_

Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

The licensee is a manufacturing facility authorized to use cesium-137 in sealed sources for level measurements. The licensee currently has received the number of gauges as authorized by the license and are in secure storage and waiting installation by Ohmart. The RSO and onsite security staff were only staff involved until the devices are installed. A survey meter is available with the RSO. Ambient surveys around the gauge storage area which could be routinely occupied by plant personnel indicated less than 2 mrem/hr.

**Performance Observations**

During the inspection, the licensee's RSO demonstrated/discussed: (1) survey meter use and calibration; (2) tag out procedures; (3) signage (4) security of licensed material; (5) gauge maintenance and removal; (6) staff training; (7) leak tests; and (8) 6-month inventories and shutter tests.

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