

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

<b>1. LICENSEE/LOCATION INSPECTED:</b>  Mid American Inspection Services, Inc. 1206 Effie Road, Gaylord, MI  REPORT NUMBER(S): 2011-001	<b>2. NRC/REGIONAL OFFICE</b> Region III 2443 Warrenville Rd. Lisle, IL 60532
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<b>3. DOCKET NUMBER(S)</b> 03031160	<b>4. LICENSEE NUMBER(S)</b> 21-26060-01	<b>5. DATE(S) OF INSPECTION</b> 4/27-28/11
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**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) were discussed involving the following requirement(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

**Statement of Corrective Actions**

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 G. Gattone, Jr.	<i>Robert G. Gattone, Jr.</i>	5/10/11
Branch Chief	Tamara E. Bloomer	<i>T. Bloomer</i>	5/11/11

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

1. LICENSEE Mid American Inspection Services, Inc. REPORT NUMBER(S): 2011-001		2. NRC/REGIONAL OFFICE Region III 2443 Warrenville Rd. Lisle, IL 60532	
3. DOCKET NUMBER(S) 03031160	4. LICENSE NUMBER(S) 21-26080-01	5. DATE(S) OF INSPECTION 4/27-28/11	
6. INSPECTION PROCEDURES 87121	7. INSPECTION FOCUS AREAS 02.01-02.07		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM 03320	2. PRIORITY 1	3. LICENSEE CONTACT Terry Wilkins, RSO	4. TELEPHONE NUMBER 989-732-8059
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Main Office Inspection      Next Inspection Date: 4/27/12  
 Field Office Inspection \_\_\_\_\_  
 Temporary Job Site Inspection \_\_\_\_\_

**PROGRAM SCOPE**

The licensee's organization included the RSO/President, Vice President/Manager, and 13 radiographers. The licensee possessed 9 authorized radiographic exposure devices, an authorized instrument calibration device, and an authorized Pipeliner device that were used as authorized. A temporary jobsite was not inspected because the opportunity to do so did not allow the inspector to complete the onsite inspection in a reasonable amount of time. Licensed activities were conducted almost daily.

**PERFORMANCE OBSERVATIONS**

The inspector observed: (1) that monthly dosimetry records indicated that the maximum TEDE doses for 2010 and 2011 (through 3/31) were 1026 and 206 millirem, respectively; (2) that the licensee posted NRC Form 3 as required; (3) a radiographer demonstrate how he had conducted survey instrument operability checks before use; (4) 3 mR/hr at the surface of a radiographic exposure device based on the inspector's measurement with a calibrated NRC survey instrument, and a radiographer measured the same result with a calibrated instrument belonging to the licensee; (5) that selected radiographic exposure devices were marked and labeled as required; (6) a radiographer demonstrate how he had conducted daily inspections of radiographic equipment; (7) that two radiographers returning from a temporary jobsite donned required dosimetry badges; (8) that selected DRDs and alarm ratemeters were calibrated as required; (9) that two radiographers returning from a temporary jobsite stowed a proper shipping paper as required; (10) 4 mR/hr at the surface of an overpack containing a radiographic exposure device based on the inspector's measurement with a calibrated NRC survey instrument, and a radiographer measured the same result with a calibrated instrument belonging to the licensee; (11) that selected survey instruments were calibrated as required and had the required range; (12) a radiographer demonstrate how he would respond to a DRD that was off-scale; (13) a radiographer demonstrate how he would respond to an alarm ratemeter alarm; (14) a radiographer demonstrate how he would respond to a source stuck in the unshielded position based on a scenario posed by the inspector; (15) a radiographer demonstrate how he would respond to a vehicular accident resulting in damage to a radiographic exposure device based on a scenario posed by the inspector; (16) a radiographer demonstrate how he had conducted post source retraction surveys; (17) records of selected radiographer's training records and certifications; (18) leak test records for selected sources; (19) a radiographer prepare to transport licensed material to a temporary jobsite 9 hours from the base facility; (20) the RSO demonstrate how he would retrieve a disconnected source based on scenarios posed by the inspector; (21) the RSO demonstrate possession and use of source retrieval equipment (e.g., 6 foot tongs); and (22) the RSO demonstrate how he would respond to a vehicular accident based on a scenario posed by the inspector.