



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION III  
2443 WARRENVILLE RD. SUITE 210  
LISLE, IL 60532-4352

July 23, 2015

Mr. Daryl W. Istre  
Corporate Radiation Safety Officer  
Mistras Group, Inc.  
161 Tower Drive, Suite E  
Burr Ridge, IL 60257

SUBJECT: NRC ROUTINE INSPECTION REPORT NO. 03035114/2015002(DNMS) AND  
NOTICE OF VIOLATION – MISTRAS GROUP, INC.

Dear Mr. Istre:

On April 22 and 23, 2015, an inspector from the U.S. Nuclear Regulatory Commission (NRC) conducted a routine inspection at your facilities in East Granby and Waterford, Connecticut, and also at a temporary job site in Enfield, Connecticut, with continued in-office review through July 8, 2015. The purpose of the inspection was to review activities performed under your NRC license to ensure that activities were being performed in accordance with NRC requirements. The in-office review included a review of security-related information not available at the time of the inspection. Mr. Randolph Ragland, from the NRC's Region I office in King of Prussia, Pennsylvania, conducted a final exit meeting by telephone with you and Mr. Bob Slack, Director of Regulatory Affairs, on July 8, 2015, to discuss the inspection findings.

During this inspection, the NRC staff examined activities conducted under your license related to public health and safety. Additionally, the staff examined your compliance with the Commission's rules and regulations as well as the conditions of your license. Within these areas, the inspection consisted of selected examination of procedures and representative records, observations of activities, and interviews with personnel.

Based on the results of this inspection, the NRC has determined that two Severity Level IV violations of NRC requirements occurred. The violations were evaluated in accordance with the NRC Enforcement Policy. The current Enforcement Policy is included on the NRC's website at <http://www.nrc.gov/about-nrc/regulatory/enforcement/enforce-pol.html>. The violations are cited in the enclosed Notices of Violation (Notices) (Enclosures 1 (publicly available) and 2 (non-public)). The NRC is citing the violations in the Notices because they were identified by the inspector.

Enclosures 2 and 3 contain Sensitive  
Unclassified Non-Safeguards Information.  
When separated from the Enclosures, this  
transmittal letter is decontrolled.

D. Istre

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The first violation involved the licensee's failure to comply, as required by Title 10 of the *Code of Federal Regulations* (CFR) Part 71.5(a), with the applicable requirements of the U.S. Department of Transportation (DOT) regulations in 49 CFR Part 172.602(a) for the maintenance of hazardous materials emergency response information in a manner that is immediately available to the driver and, if necessary, emergency responders. Specifically, the inspector found that emergency response information was maintained in the back of the transport truck.

The inspector determined that the root cause of the violation was an oversight by licensee staff. As corrective action, the Site Radiation Safety Manager placed a copy of your emergency response procedures with the shipping papers in the cab of the vehicle and committed to include a discussion of this topic in routine, recurrent training.

The second violation is of a security-related nature. Details of the violation are available in the enclosed, non-public Security Addendum (Enclosure 3).

The NRC has concluded that information regarding the reason for the violations, the corrective actions taken and planned to correct the violations and prevent recurrence, and the date when full compliance was or will be achieved is already adequately addressed on the docket in this letter. Therefore, you are not required to respond to this letter unless the description herein does not accurately reflect your corrective actions or your position. In that case, or if you choose to provide additional information, you should follow the instructions specified in the enclosed Notice.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and Enclosure 1 will be made available electronically for public inspection in the NRC's Public Document Room and from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at <http://www.nrc.gov/reading-rm/adams.html>. However, because the second violation involves security-related information, Enclosures 2 and 3, as well as your response to this violation, if you choose to provide one, will not be made available electronically for public inspection. If you do respond to this violation, please mark the top of each page with "Security-Related Information – Withhold Under 10 CFR 2.390". To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be made publicly available without redaction.

D. Istre

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Please feel free to contact Mr. Ragland or Mr. Ryan Craffey of my staff if you have any questions regarding this inspection. Mr. Ragland can be reached at 610-337-5083, and Mr. Craffey can be reached at 630-829-9655.

Sincerely,

*/RA/*

Aaron T. McCraw, Chief  
Materials Inspection Branch  
Division of Nuclear Materials Safety

Docket No. 030-35114  
License No. 12-16559-02

Enclosures:

1. Notice of Violation (publicly available)
2. Notice of Violation (non-public)
3. Security Addendum (non-public)

cc w/encl 1: State of Connecticut

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D. Istre

-3-

Please feel free to contact Mr. Ragland or Mr. Ryan Craffey of my staff if you have any questions regarding this inspection. Mr. Ragland can be reached at 610-337-5083, and Mr. Craffey can be reached at 630-829-9655.

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Aaron T. McCraw, Chief  
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NOTICE OF VIOLATION

Mistras Group, Inc.  
Burr Ridge, Illinois

License No. 12-16559-02  
Docket No. 030-35114

During a U.S. Nuclear Regulatory Commission (NRC) inspection conducted on April 22-23, 2015, with continued in-office review through July 8, 2015, one violation of NRC requirements was identified. In accordance with the NRC Enforcement Policy, the violation is listed below:

Title 10 of the *Code of Federal Regulations* (CFR) Part 71.5 (a) requires, in part, that each licensee who transports licensed materials outside the site of usage or where transport is on public highways, shall comply with the applicable requirements of the U.S. Department of Transportation regulations in 49 CFR Parts 170 through 189.

Title 49 CFR 172.602(b) requires, in part, that emergency response information required by 49 CFR 172.602(a) must be available on shipping papers, or in a document, other than shipping papers, and 49 CFR 172.602(c) maintained in the same manner as prescribed for shipping papers.

Contrary to the above, on April 22, 2015, Mistras Group, Inc. transported licensed materials on public highways from their East Granby, Connecticut facility, to a temporary job site located on Whitworth Street, in Enfield, Connecticut, and did not maintain emergency response information required by 49 CFR 172.602(a) on the shipping papers, or in another document maintained in the same manner as the shipping papers. Specifically, the licensee maintained emergency response information in a binder in the back of the truck body, which was not immediately available to the driver or, if necessary, emergency responders.

This is a Severity Level IV violation (Section 6.8).

The NRC has concluded that information regarding the reason for the violation, the corrective actions taken and planned to correct the violation and prevent recurrence, and the date when full compliance was achieved, is already adequately addressed on the docket in the letter transmitting this Notice of Violation (Notice). However, you are required to submit a written statement or explanation pursuant to 10 CFR 2.201 if the description therein does not accurately reflect your corrective actions or your position. In that case, or if you choose to respond, clearly mark your response as a "Reply to a Notice of Violation, IR 03035114/2015002(DNMS)" and send it to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001 with a copy to the Regional Administrator, Region III, within 30 days of the date of the letter transmitting this Notice.

If you choose to respond, your response will be made available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, the response should not include any personal privacy, proprietary, or safeguards information so that it can be made publicly available without redaction.

Enclosure 1

Notice of Violation

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If you contest this enforcement action, you should also provide a copy of your response, with the basis for your denial, to the Director, Office of Enforcement, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

In accordance with 10 CFR 19.11, you may be required to post this Notice within two working days of receipt.

Dated this 23<sup>rd</sup> day of July 2015