

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Mistras Group, Inc. d/b/a Conam Inspection & Engineering Services 161 Tower Drive, Suite E Burr Ridge, IL 60527 REPORT NUMBER(S) 10-01		2. NRC/REGIONAL OFFICE Region III U.S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532-4351
3. DOCKET NUMBER(S) 030-35114	4. LICENSEE NUMBER(S) 12-16559-02	5. DATE(S) OF INSPECTION September 3, 2010

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	Ken Lambert	<i>Ken Lambert</i>	9/2/10

SLB

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6. INSPECTION PROCEDURES USED 87121	7. INSPECTION FOCUS AREAS 03.01 – 03.07		
SUPPLEMENTAL INSPECTION INFORMATION			
1. PROGRAM CODE(S) 3320	2. PRIORITY 1	3. LICENSEE CONTACT Daryl Istre, RSO	4. TELEPHONE NUMBER 630-260-1650
<input type="checkbox"/> Main Office Inspection <input checked="" type="checkbox"/> Field Office 15424 E. State Road 358, Edwardsport, IN <input type="checkbox"/> Temporary Job Site Inspection			
Next Inspection Date: _____			

PROGRAM SCOPE

This location was a field office located at a coal fired electric power plant construction site near Edwardsport, Indiana. The license authorizes that licensed material may be used, stored, and dispatched from it field office. At the time of the inspection, the licensee possessed 3 QSA mode 660B radiography cameras, containing iridium-192 sealed sources for conducting industrial radiographic operations at electric plant construction site. The licensee performed radiography at temporary job sites throughout the construction site. The licensee also performed radiography at a temporary job site, owned by the power plant, where radiography of welder acceptance test coupons were performed. The licensee employed 3 radiography crews on the night shift and one or two crews on the day shift depending on the work available. The crews reported an onsite manager and an assistant radiation safety officer located at the Hobart, Indiana field office. The assistant radiation safety officer performed independent audits of radiographers and the field office and reported to the radiation safety officer.

Performance Observations

The inspector interviewed licensee staff including the radiographer and assistant radiographer on site at the time of the inspection. Both individuals had appropriate dosimetry available and understood the requirements for wearing at all time during radiographic operation. The radiographer provided his radiographer card indicating that he had attended an approved training program. The inspector reviewed use logs for the three cameras stored at the field office and noted that all areas were appropriately completed including equipments daily checks and radiation surveys. The licensee possessed appropriate radiation survey instruments that included 4 NDS Products model ND2000 and one GS Smith Associates model GS-1000A. All survey instruments were within calibration.

The inspector discussed a stuck source scenario with the radiographer and assistant, who appropriately discussed the emergency procedure they would follow that included restricting access and performing constant surveillance, notifying the assistant radiation safety officer, and wait for further instructions.

The inspector noted that the maximum whole body exposure for those individuals at the field office for 2010 to July 31 was 2359 millirem.

The licensee's staff appropriately discussed and demonstrated how it would transport licensed material on the construction site and on public roads.

The inspector performed surveys around the exterior of the licensee's storage location and identified the maximum radiation level of 0.6 millirem per hour on contact with the exterior wall of the storage area.

No violations were identified.