

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

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| 1. LICENSEE/LOCATION INSPECTED: Metaltek International 8600 Commercial Boulevard Pevely, Missouri 63070 REPORT 2005-001 | 2. NRC/REGIONAL OFFICE REGION III US NUCLEAR REGULATORY COMMISSION 2443 WARRENVILLE ROAD, SUITE 210 LISLE, ILLINOIS 60532 |
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| 3. DOCKET NUMBER(S) 030-31524 | 4. LICENSEE NUMBER(S) 24-26136-01 | 5. DATE(S) OF INSPECTION December 12, 2005 |
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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) 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 | Geoffrey M. Warren | | 12/12/05 |

Docket File Information
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AND COMPLIANCE INSPECTION

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| 1. LICENSEE Metaltek International REPORT NUMBER(S) 2005-001 | | 2. NRC/REGIONAL OFFICE Region III | |
| 3. DOCKET NUMBER(S) 030-31524 | 4. LICENSE NUMBER(S) 24-26136-01 | 5. DATE(S) OF INSPECTION December 12, 2005 | |
| 6. INSPECTION PROCEDURES USED 87121 | | 7. INSPECTION FOCUS AREAS 03.01 - 03.07 | |

SUPPLEMENTAL INSPECTION INFORMATION

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| 1. PROGRAM CODE(S) 03310 | 2. PRIORITY 2 | 3. LICENSEE CONTACT Ron Kelly, RSO | 4. TELEPHONE NUMBER 636-931-1197 |
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Main Office Inspection Next Inspection Date: **Dec. 2007**

Field Office _____

Temporary Job Site _____

PROGRAM SCOPE

This licensee was a foundry located in Pevely, Missouri, with authorization to perform industrial radiography. Radiographic operations were conducted daily by three qualified radiographers primarily within two permanent radiographic installations, but occasionally, on weekends, elsewhere inside the facility as a temporary job site. One additional radiographer assisted when needed. The radiographers utilized two AEA 660 radiographic devices containing iridium-192, and one AEA 680 radiographic device containing cobalt-60. No radiography was performed outside the property described on the license. All radiographic equipment was secured when not under direct supervision of a qualified radiographer.

Performance Observations

During the inspection, licensee staff demonstrated typical radiographic exposures in each of the two permanent radiographic installations. The inspector interviewed radiography personnel and observed their use of radiography and safety equipment. The inspector performed independent and confirmatory radiation measurements which indicated similar results as noted in the licensee's survey records, < 2 mR/hour in unrestricted areas. Two survey meters and one crank were marked "out of service" until they could be repaired.

The maximum radiation dose received by a radiographer from January through September of 2005 was 45 mrem.