NRC FORM 591M PART 3
(10-2003)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE	2. NRC/REGIONAL OFFICE
Colby & Thielmeier Testing Company, Inc. REPORT NUMBER(S) **2006-001 and 002**	**Region III** **2443 Warrenville Road** **Lisle, IL 60532**

3. DOCKET NUMBER(S)	4. LICENSE NUMBER(S)	5. DATE(S) OF INSPECTION
030-05159	24-13737-01	7/19-20/2006

6. INSPECTION PROCEDURES USED	7. INSPECTION FOCUS AREAS
87121	**03.01-03.07**

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
3320	C1	David Thielmeier - RSO	314-427-0221

[X] Main Office Inspection — Next Inspection Date: 7/2007

[ ] Field

[X] Temporary Job Site — Fenton, Missouri

PROGRAM SCOPE

The licensee operates an industrial radiograph program which has authorization for temporary job sites within NRC jurisdiction. The main facility was inspected as well as a temporary job site in Fenton, Missouri. The licensee has five radiographers and three assistant radiographers. The licensee had eight 660B camera's authorized to contain no more than 140 curies of Ir-192. The licensee does not conduct source changes.

Performance Observations

During the inspection, the inspector interviewed the authorized users, licensee's management, and radiation safety officer and found that they were knowledgeable regarding their responsibilities under the license. The licensee's staff demonstrated a typical radiographic exposure utilizing a Amersham model 660B exposure device containing a nominal 14 curie iridium-192 source at a temporary job site, Fenton, Missouri. The inspector conducted independent measurements that indicated similar results were noted by the licensee in their surveys. The inspector conducted side-by-side comparison radiation surveys between NRC and licensee radiation detection equipment; the inspector did not identify any significant variation between the two instruments. The inspector reviewed the licensee's dosimetry records and determined that no exposures exceeded NRC's limits. The inspector determined that shipping papers were completed and being used in accordance with NRC/DOT requirements. The inspector determined that the licensee was performing the appropriate audits of its radiographer's and radiation safety program as required. The inspector noted that licensed material was secured in accordance with NRC requirements.

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NRC FORM 591M PART 1
(10-2003)
10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Colby & Thielmeier Testing Company Inc St. Louis, MO / Fenton, MO REPORT 2006-001 / 2006-002	U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Lisle, Illinois 60532-4352

3. DOCKET NUMBER(S)	4. LICENSEE NUMBER(S)	5. DATE(S) OF INSPECTION
030- 05169	24-13737-01	7/19-20/06

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	DAVID THIELMEIER	David Thielmeier	7-20-06
NRC INSPECTOR	Michael M Lafranza	Michael M Lafranza	7/20/06

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