

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED: <i>Applied Extrusion Technology</i> <i>P.O. Box 5038</i> <i>TERRE HAUTE, IN 47805</i> REPORT NUMBER(S) 2009/001	2. NRC/REGIONAL OFFICE  U.S. Nuclear Regulatory Commission Region III 2443 Warrenville Road Suite 210 Lisle, Illinois 60532-4351
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3. DOCKET NUMBER(S) <i>030-04411</i>	4. LICENSEE NUMBER(S) <i>13-13300-01</i>	5. DATE(S) OF INSPECTION <i>June 2, 2009</i>
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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.

LICENSEE'S REPRESENTATIVE	Title	Printed Name	Signature	Date
NRC INSPECTOR	Edward Kulzer	<i>E. Kulzer</i>	<i>[Signature]</i>	<i>4/2 2009</i>

*7/24 6/2/09*

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1. LICENSEE Applied Extrusion Technology, Inc.. REPORT NUMBER(S) 2009-001		2. NRC/REGIONAL OFFICE <b>Region III</b> 2443 Warrenville Road, Suite 210 Lisle, IL 60532	
3. DOCKET NUMBER(S) 030-04411	4. LICENSE NUMBER(S) 13-13300-01	5. DATE(S) OF INSPECTION 6/2/2009	
6. INSPECTION PROCEDURES USED 87124		7. INSPECTION FOCUS AREAS 03.01-03.07	

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) 3120	2. PRIORITY 5	3. LICENSEE CONTACT Mike Michl	4. TELEPHONE NUMBER 812.462.5275
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Main Office Inspection      Next Inspection Date: June 2014

Field Office      Address: 3600 E. Head Ave. Terre Haute, IN.

Temporary Job Site Inspection

**PROGRAM SCOPE**

The actual facility is actually located at 3600 E. Head Ave., Terre Haute, IN. The licensee possessed 10 gauges containing sealed sources of CS-137, 6 gauges containing SR-90, 11 gauges containing KR-85, three gauges containing PR-147, and one generally licensed gauge (obtained this year) containing AM-241. The licensee uses the gauges to determine thickness, density and measurements of polymer sheets. The licensee produces wrapping sheets for food industries. The licensee uses the gauges 24/7 at this manufacturing facility.

The locations of these gauges were verified by the inspector during a tour of the manufacturing facility. During this tour the inspector verified that the one generally licensed gauge was in storage. According to the RSO, maintenance and operation of these gauges were performed by the manufacturers who possessed NRC/State licenses. The inspector interviewed the licensee's staff on the operation of the licensed gauges and on the knowledge of the "lock-out and tag-out" procedures. The licensee's staff appeared to be knowledgeable on both the operation and radiation safety procedures.

**Performance Observations**

,The inspector found radiation levels for unrestricted areas a 30 cm from the shielded casings were at or near background levels. No violations of NRC requirements were identified.

Since the last inspection the licensee received a generally licensed gauge containing Am-241 (tubular backscatter gauge) from its facility in Covington, Virginia. The gauge was sent to NDC for refurbishing and transferred back to the Terre Haute facility. This gauge was in storage at the time of this inspection. The gauge was properly registered with NRC HQ as a generally licensed gauge at this facility. (See Attached)

**Quick Select**  
**Device Report**

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**Recipient Info:** 704487

APPLIED EXTRUSION TECHNOLOGIES

3600 EAST HEAD AVENUE  
TERRE HAUTE IN 47805 -

<b>Device Key</b>	<b>Device Status</b>	<b>Model</b>	<b>Manufacturer</b>	<b>Model No</b>	<b>Serial No</b>	<b>Isotope</b>	<b>Isotope Amt</b>	<b>Rad Unit</b>	<b>Status Code</b>	<b>Description</b>	<b>Category Code</b>	<b>Archive Ind</b>
778107	C		NDC INFRARED ENGINEERING INC	103	11954	AM241	150.000000000	mCi	Current - device accounted for		31.5	N

**Transfer Date:** 04/18/2008 **Transferor:** 1933-19GL **Transferee:** 704487 **Transfer Type:** Quarterly - Vendor to GL**Transfer Reason:** Quarterly Transfer Report - Vendor transfers device to an intended user (not a replacement or intermediate transfer)