

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED: Golden Engineering, Inc. 6364 Means Road Centerville, Indiana 47374  REPORT                    2006-001	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) 030-35384	4. LICENSEE NUMBER(S) 13-32254-01	5. DATE(S) OF INSPECTION May 24, 2006
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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)

License Condition No. 12 requires that the licensee conduct a physical inventory every 3 months to account for all spark gaps & electron tubes received and possessed under the license. Contrary to the above, since January 2004, the licensee failed to conduct such an inventory every 3 months. Specifically, the licensee conducted inventories on 1/7/04, 7/2/04, 1/5/05, 7/7/05, 1/5/06, and 5/24/06, periods in excess of 3 months.

Corrective Action: The licensee will place reminders on his calendar to conduct inventories at the required frequency.

**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	Phillip D. Golden	<i>Phillip D. Golden</i> Engineering Manager	5/24/06
NRC INSPECTOR	Geoffrey M. Warren	<i>Geoffrey M. Warren</i>	5/24/06

**Docket File Information**  
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1. LICENSEE <b>Golden Engineering</b> REPORT NUMBER(S) 2006-001		2. NRC/REGIONAL OFFICE <b>Region III</b>	
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6. INSPECTION PROCEDURES USED 87125	7. INSPECTION FOCUS AREAS 03.01 - 03.07		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) 03214	2. PRIORITY 5	3. LICENSEE CONTACT Phillip D. Golden, RSO	4. TELEPHONE NUMBER 765-855-3493
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Main Office Inspection      Next Inspection Date: **May 2011**

Field Office \_\_\_\_\_

Temporary Job Site \_\_\_\_\_

**PROGRAM SCOPE**

The licensee produced x-ray devices for field use, and had previously produced such devices using spark gap electron tubes (spark gaps), each spark gap containing a sealed tritium source. The licensee had not used these spark gaps since the previous inspection, but maintained a number of them in storage. Licensee was considering the possibility of resuming the use of the spark gaps, and was aware that they would need an exempt distribution license before resuming distribution of devices containing the tritium sources.

**Performance Observations**

The licensee demonstrated an inventory of the spark gaps, and identified that all devices were properly stored. Interviews with licensee staff indicated adequate knowledge of radiation safety procedures.