

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Basilico Engineering, Inc.
4144 Lindell Blvd.
St. Louis, MO 63108

REPORT NUMBER(S)

2. NRC/REGIONAL OFFICE

U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road
Suite 210
Lisle, Illinois 60532-4351

3. DOCKET NUMBER(S)
030-37746

4. LICENSEE NUMBER(S)
24-32693-01

5. DATE(S) OF INSPECTION
March 30, 2009

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:

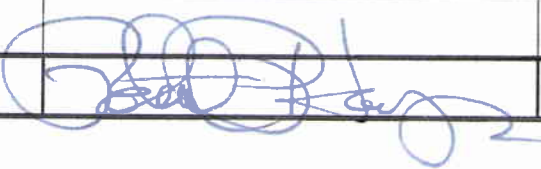
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Robert P. Hays		3/30/2009

**SAFETY INSPECTION REPORT
AND COMPLIANCE INSPECTION**

1. LICENSEE

Basilico Engineering, Inc.REPORT
NUMBER(S) **2009-001**

2. NRC/REGIONAL OFFICE

Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532

3. DOCKET NUMBER(S)

03037746

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24-32693-01

5. DATE(S) OF INSPECTION

March 30, 2009

6. INSPECTION PROCEDURES USED

87124 (11/25/03)

7. INSPECTION FOCUS AREAS

03.01-03.07**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S)

03121

2. PRIORITY

5

3. LICENSEE CONTACT

Lawrence Nwachukwu, RSO

4. TELEPHONE NUMBER

314-454-0222

Main Office Inspection

Next Inspection Date: **March 2014**

Field Office

Temporary Job Site
Inspection**PROGRAM SCOPE**

The licensee is authorized to possess and use Humbolt portable moisture density gauges at temporary job sites anywhere in the United States where the NRC maintains regulatory jurisdiction. At the time of the inspection, the licensee had received one gauge during September 2008 and has been used only once in the St. Louis, MO vicinity. The gauge was not stored at temporary job site or at an employee's residence overnight. At the time of the inspection, the gauge was not being used at a temporary job site and was stored with two tangible barriers. The inspector performed independent radiation measurements which indicated no dose concerns and consistent with licensee survey records and postings.

Performance Observations

During the inspection, the inspector reviewed and discussed with the RSO: (1) Two tangible barriers required for gauge security and padlocks while outside the storage area; (2) DOT requirements, hazmat recertification (June 2007) and tests; (3) refresher training for gauge users; (4) dosimetry and records; (5) leak tests and inventories; (6) survey meter availability; and (7) emergency procedures.