

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

<p>1. LICENSEE/LOCATION INSPECTED:</p> <p>Paradigm Design, Inc. 550 3 Mile Road, Suite B Grand Rapids, MI 49544</p> <p>REPORT NUMBER(S) 13-01</p>	<p>2. NRC/REGIONAL OFFICE</p> <p>Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p>	
<p>3. DOCKET NUMBER(S)</p> <p>030-36188</p>	<p>4. LICENSE NUMBER(S)</p> <p>21-32437-01</p>	<p>5. DATE(S) OF INSPECTION</p> <p>January 17, 2013</p>

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, to exercise discretion, were satisfied.

Non-cited violation(s) were discussed involving the following requirement(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 in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
(Violations and Corrective Actions)

Statement of Corrective Actions

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	Ed Kulzer / Ryan Craffey		1/22/13
BRANCH CHIEF	Tamara Bloomer		1/22/13

Docket File Information
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6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS 03.01 - 03.07
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SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 03121	2. PRIORITY 5	3. LICENSEE CONTACT Brian Holleman, RSO	4. TELEPHONE NUMBER (616) 785-5581
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Main Office Inspection Next Inspection Date: January 17, 2018

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This licensee is an architectural and engineering design firm authorized to possess and use portable moisture density gauges at their office in Grand Rapids, Michigan, and at temporary job sites within NRC jurisdiction. The licensee currently possesses one Troxler 3430 gauge, and has three employees qualified as authorized users including the RSO. The licensee most often uses the gauge from March through August, but will use the gauge throughout the year as necessary. At six month intervals, the licensee alternately transports the gauge to an authorized vendor in Grand Rapids for service, or collects leak tests for analysis by the gauge manufacturer. The licensee maintains dosimetry exchanged monthly, and conducts annual refresher training of radiation safety and hazardous materials courses.

PERFORMANCE OBSERVATIONS

The inspectors toured the facility with the RSO and observed the gauge in its storage location. The RSO demonstrated leak test procedures while the inspectors conducted independent confirmatory surveys, the results of which agreed with measurements taken by the licensee's survey meter. The inspector reviewed dosimetry, leak test, use log and training records. Authorized gauge users were exposed to no more than 34 mrem DDE in any of the past five years. Inventory of the gauge was verified by semiannual leak test records, but could have also been verified by use log entries. The inspector interviewed the primary authorized user and discussed transport, use and storage to the gauge, in addition to emergency procedures and the company's authorized user training, the content of which was reviewed and found to meet the criteria of NUREG-1556 Vol. 1, Rev. 1. The user was knowledgeable of radiation protection principles and regulatory requirements. The user also demonstrated satisfactory implementation of the two barriers requirement during transportation.

No violations of NRC requirements were identified as a result of this inspection.