

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

Therametric Technologies, Inc
9880 Douglas Floyd Parkway
Noblesville, Indiana 46060

REPORT NUMBER(S) 2016-001

2. NRC/REGIONAL OFFICE

Region III
U. S. Nuclear Regulatory Commission
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

3. DOCKET NUMBER(S)

030-38263

4. LICENSE NUMBER(S)

13-32788-01

5. DATE(S) OF INSPECTION

March 24, 2016

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:

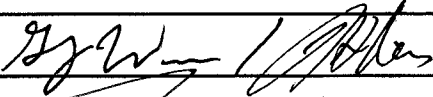
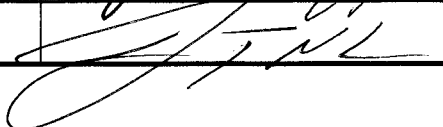
- ☒ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☐ 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was 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	Geoffrey M. Warren / Luis Nieves		3/24/16
BRANCH CHIEF	Aaron T. McCraw		3/24/16

Docket File Information

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6. INSPECTION PROCEDURES USED

87126

7. INSPECTION FOCUS AREAS

03.01 - 03.07

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S)

03620

2. PRIORITY

5

3. LICENSEE CONTACT

Bruce Schemehorn, M.S., RSO

4. TELEPHONE NUMBER

(317) 565-8070

☒ Main Office Inspection

Next Inspection Date: March 2021

☐ Field Office Inspection☐ Temporary Job Site Inspection

PROGRAM SCOPE

This was a routine, unannounced, inspection of the licensee's facility in Noblesville, Indiana. The licensee was authorized to use P-32 for abrasion studies on activated human teeth. Use was limited to one room at the facility. One individual actively used the material around three days weekly; an assistant prepared slurries of toothpaste but did not handle licensed materials. Teeth were received from area oral surgeons, sent to the University of Missouri research reactor (MURR) for activation, and received at the licensee's facility around once monthly. Soluble waste was disposed through the sanitary sewer after sampling; licensee calculations demonstrated that such releases remained below regulatory limits. Solid waste was stored for decay in storage. The licensee retained a contract physicist to provide expertise and quarterly reviews of the radiation safety program.

Performance Observations: The inspectors observed laboratory use of licensed material and facility security. Licensee staff demonstrated survey meter checks, package receipt surveys and wipes, and contamination surveys, and described emergency spill procedures and inventory tracking. Interviews with licensee staff indicated adequate knowledge of radiation safety concepts and protocols. Review of dosimetry information indicated no exposures of regulatory concern. Surveys indicated radiation levels consistent with licensee postings and survey records.

No violations were identified during the inspection.