NRC FORM 591M PART 1
(06-2010)
10 CFR 2.201

U.S NUCLEAR REGULATORY COMMISSION

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:	2. NRC/REGIONAL OFFICE
Michigan Veterinary Specialists, P.C. 29080 Inkster Road Southfield, Michigan 48034 REPORT NUMBER(S): ~~2011-001~~ 11-01	U.S. Nuclear Regulatory Commission, Region III 2443 Warrenville Road, Suite 210 Lisle, Illinois 60532

3. DOCKET NUMBER(S)	4. LICENSEE NUMBER(S)	5. DATE(S) OF INSPECTION
030-37095	21-32607-01	April 14, 2011

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) 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. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11

License Condition No. 17.A. requires, in part, that the licensee conduct its program in accordance with the statements, representations, and procedures contained in the application dated October 6, 2005. Section 10.B. of that application requires, in part, ~~that~~ GV that survey instruments be calibrated annually at a licensed calibration facility. Contrary to the above, the licensee ~~& survey~~ GV failed to calibrate their survey meter between April 14, 2006, and April 14, 2011. As corrective action, the licensee will calibrate the survey instrument when Dr. Elie returns from ~~vacat~~ GV vacation, and will track the calibrations to ensure ~~the~~ GV it is calibrated at the proper frequency.

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	John Cade - Inventory Coordinator	John Cade	4-14-11
NRC INSPECTOR	Geoffrey M. Warren	GMW	4/14/11
Branch Chief	Tamara E. Bloomer	Tamara Bloomer	4/28/11

NRC FORM 591 M PART 3 (06-2010) 10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

Docket File Information

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6. INSPECTION PROCEDURES	7. INSPECTION FOCUS AREAS
87126	03.01 – 03.07

SUPPLEMENTAL INSPECTION INFORMATION

1.PROGRAM	2. PRIORITY	3. LICENSEE CONTACT	4. TELEPHONE NUMBER
02400	5	Marc Elie, DVM, RSO	248-354-6660

☒ Main Office Inspection — Next Inspection Date: April 2016

☐ Field Office Inspection _____

☐ Temporary Job Site Inspection _____

PROGRAM SCOPE

The licensee was a veterinary clinic located in Southfield, Michigan, with authorization to use iodine-131 (I-131) to treat hyperthyroidism in cats. Two personnel, the radiation safety officer (RSO)/ authorized user and a technologist, were involved in the administration of the I-131 capsules. Cats that had been administered I-131 were kept in cages at the licensee's facility until they could be released. The licensee typically performed around two therapies monthly, with doses received from a licensed radiopharmacy. All waste was held for decay in storage and disposed as non-radioactive waste once it had decayed to background levels.

Performance Observations

The two licensee personnel involved with these therapies were available only by telephone during the inspection, though other licensee personnel were able to give the inspector access to facilities and records associated with licensed activities. By telephone, the RSO and technologist described dose ordering, package receipt, administration of doses, monitoring and release of patients, and waste decay in storage and disposal. Interviews with these individuals indicated adequate knowledge of radiation safety concepts and procedures. The inspector performed independent and confirmatory radiation measurements which indicated results consistent with licensee survey records and postings.

One violation was noted. The inspector observed that the licensee's survey instrument had not been calibrated since 2006, though regular checks were done to ensure it was responding correctly. The licensee's procedure required annual calibration of the survey meter. The RSO stated that he would have the meter calibrated as soon as he returned from vacation, and that it would be tracked to ensure it was calibrated annually after this calibration.