



Materials Inspection Report

1. Licensee/Location Inspected: Cats Radioiodine Treatment Centers 6650 Highland Road, Suite 116 Waterford, MI 48327 Locations Inspected: Waterford and Lincoln Park, MI Report Number(s) 2022-001	2. NRC/Regional Office Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352
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3. Docket Number(s) 030-33367	4. License Number(s) 21-26539-01	5. Date(s) of Inspection 08/15-17/22; exit 08/31
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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. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements, and were assessed at Severity Level IV, in accordance with the NRC Enforcement Policy.
 - A. 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, corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy were satisfied.
 (Non-cited violation(s) was/were discussed involving the following requirement(s))
 - B. The following violation(s) is/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 AND DATE
LICENSEE'S REPRESENTATIVE		
NRC INSPECTOR	Ryan Craffey	 <small>Digitally signed by Ryan J. Craffey Date: 2022.09.09 13:59:47 -04'00'</small>
BRANCH CHIEF	Michael Kunowski	Michael A. Kunowski <small>Digitally signed by Michael A. Kunowski Date: 2022.09.14 05:35:24 -05'00'</small>



Materials Inspection Record

1. Licensee Name: Cats Radioiodine Treatment Centers		2. Docket Number(s): 030-33367		3. License Number(s) 21-26539-01	
4. Report Number(s): 2022-001			5. Date(s) of Inspection: August 15 and 17, 2022; exit August 31		
6. Inspector(s): Ryan Craffey		7. Program Code(s): 02400	8. Priority: 5	9. Inspection Guidance Used: IP 87144	
10. Licensee Contact Name(s): Laura Smith - RSO		11. Licensee E-mail Address: lsphysics@att.net		12. Licensee Telephone Number(s): 586-808-3058	
13. Inspection Type:		14. Locations Inspected:		15. Next Inspection Date (MM/DD/YYYY):	
<input type="checkbox"/> Initial <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Announced <input type="checkbox"/> Non-Routine <input checked="" type="checkbox"/> Unannounced		<input checked="" type="checkbox"/> Main Office <input checked="" type="checkbox"/> Field Office <input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		08/15/2027 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended <input type="checkbox"/> Reduced <input type="checkbox"/> No change	

16. Scope and Observations:

Cats Radioiodine Treatment Centers was a group of veterinary clinics in Michigan authorized to use byproduct material for the treatment of feline hyperthyroidism at three facilities in the Detroit metro area and at one in the Grand Rapids metro area. At the time of the inspection, the licensee treated around nine patients per month in Waterford and Kentwood, with fewer in Mount Clemens and at most one per month in Lincoln Park. All treatments were performed by trained veterinary technologists using I-131 capsules from nearby radiopharmacies. The licensee administered all hyperthyroidism treatments on Mondays, and held patients and decay-in-storage waste in shielded rooms at each facility until such time that patients and material were eligible to be evaluated for release via surveys (at least four and 90 days, respectively). The licensee retained the services of a medical physics consultant to audit the program and serve as RSO.

On August 15, the inspector visited the Waterford facility. All areas were adequately posted and all licensed material was adequately secured. The inspector observed the receipt of packages containing licensed material and the administration of two hyperthyroidism treatments using I-131 capsules, pill dispensers and a saline flush. The inspector noted the use of adequate personal protective equipment, personnel dosimetry, and contamination control measures during these treatments. Technologists were knowledgeable of radiation protection principles and licensee procedures. Independent and confirmatory surveys following these administration found no residual contamination or exposures in unrestricted areas in excess of regulatory limits to members of the public. The inspector verified the licensee's inventory of DIS waste, reviewed the licensee's procedures for the safe use of radioactive material, and reviewed a selection of package receipt, area survey, and DIS waste disposal records.

On August 17, the inspector visited the Lincoln Park facility. All areas were adequately posted and all licensed material (DIS waste only) was adequately secured. The inspector performed independent surveys and found no residual contamination or exposures in unrestricted areas distinguishable from background. The inspector verified the licensee's inventory of DIS waste and reviewed a selection of consultant audits as well as package receipt, dose administration, area survey, and patient release records.

During the period of in-office review through August 31, the inspector reviewed a selection of hazmat training records as well as personnel dosimetry reports for the Mount Clemens and Kentwood locations.

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