



Materials Inspection Report

1. Licensee/Location Inspected: Radiological Physics Service 3839 Napier Road Plymouth, MI 48170 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
---	--

3. Docket Number(s) 030-31952	4. License Number(s) 21-26253-01	5. Date(s) of Inspection November 22, 2022
---	--	--

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: 2022.12.09 13:22:00 -05'00'</small>
BRANCH CHIEF	Rhex Edwards	 <small>Digitally signed by Rhex A. Edwards Date: 2022.12.16 12:59:36 -06'00'</small>



Materials Inspection Record

1. Licensee Name: Radiological Physics Service		2. Docket Number(s): 030-31952		3. License Number(s) 21-26253-01	
4. Report Number(s): 2022-001			5. Date(s) of Inspection: November 22, 2022		
6. Inspector(s): Ryan Craffey		7. Program Code(s): 03225	8. Priority: 5	9. Inspection Guidance Used: IP 87126	
10. Licensee Contact Name(s): Ray Carlson - RSO		11. Licensee E-mail Address: rayacarlson@att.net		12. Licensee Telephone Number(s): 734-455-4730	

13. Inspection Type: <input type="checkbox"/> Initial		14. Locations Inspected: <input type="checkbox"/> Hybrid		15. Next Inspection Date (MM/DD/YYYY):	
<input checked="" type="checkbox"/> Routine	<input checked="" type="checkbox"/> Announced	<input checked="" type="checkbox"/> Main Office	<input type="checkbox"/> Field Office	11/22/2027	
<input type="checkbox"/> Non-Routine	<input type="checkbox"/> Unannounced	<input type="checkbox"/> Temporary Job Site	<input type="checkbox"/> Remote	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Extended
				<input type="checkbox"/> Reduced	<input type="checkbox"/> No change

16. Location(s) Inspected List:
Main Office - 3839 Napier Road, Plymouth, MI

17. Scope and Observations:
Radiological Physics Service was a small health physics consultancy authorized to perform instrument calibrations, leak test analysis, equipment testing, and to possess medical reference sources at its office in Plymouth, Michigan. The licensee was also authorized to use Tc-99m to test the adequacy of shielding at temporary job sites in NRC jurisdiction. At the time of the inspection, the licensee routinely performed instrument calibrations and leak test analysis, maintained an inventory of reference sources (Na-22, Co-57, Ge-68, Ba-133, and Cs-137) and occasionally performed shielding evaluations with unit doses of Tc-99m delivered to its office from a local radiopharmacy.

The inspector toured the office in Plymouth. All areas were adequately secured, and all licensed material was adequately secured and accounted for. The inspector performed independent surveys of the office; no evidence of residual contamination or exposures in excess of regulatory limits to members of the public in unrestricted areas were noted. The inspector observed demonstrations of survey instrument calibrations, leak test analysis, and discussed the conduct of shielding evaluations with the RSO, including receipt, transport, and safe handling of transmission sources. The inspector reviewed a selection of records related to the radiation safety program, including sealed source inventories and leak test results, source transfer documentation, package receipt surveys, and personnel dosimetry reports.

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

Signature and Date - Branch Chief



Digitally signed by Rhex A. Edwards
Date: 2022.12.16 12:59:09 -06'00'