

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED: Reuter-Stokes, LLC Edison Park 8499 Darrow Road Twinsburg, OH 44087 REPORT NUMBER(S) 2017001		2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. DOCKET NUMBER(S) 070-02872		4. LICENSE NUMBER(S) SNM-1826	5. DATE(S) OF INSPECTION October 18, 2017
6. INSPECTION PROCEDURES USED 87125, 87126		7. INSPECTION FOCUS AREAS All	

SUPPLEMENTAL INSPECTION INFORMATION

1. PROGRAM CODE(S) 22111	2. PRIORITY 3	3. LICENSEE CONTACT Kim Kuhls, RSO	4. TELEPHONE NUMBER (330) 963-2350
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Main Office Inspection Next Inspection Date: 10/18/2020

Field Office Inspection _____

Temporary Job Site Inspection _____

PROGRAM SCOPE

This was a routine, unannounced inspection of Reuter-Stokes, a research and manufacturing/distribution subsidiary of General Electric, that manufacturers and sells monitors for nuclear power plants. The licensee was authorized by the NRC to use special nuclear material to perform testing and calibration of the monitors that they manufacture, and development, test, manufacture, and distribute fission counters and fission chambers. At the time of the inspection, the licensee had six authorized users (AUs), and several trained employees who handled licensed material under supervision of the AUs. Eight laboratories (controlled access areas) were approved for the use and storage of license material. Six of the eight laboratories were approved for the use of NRC-regulated material. The other two laboratories used only radioactive material that was authorized on a State of Ohio byproduct materials license.

Performance Observations

The inspector interviewed the RSO and two AUs, and toured a detector laboratory that was approved for radioactive materials use and storage. The RSO described the current inventory of licensed material, provisions for storage and security of licensed material at both the facility and laboratory levels, bioassay and external dosimetry programs, working breathing zone and air effluent monitoring programs, and procedures for ordering and receiving licensed material.

The AUs described their responsibilities in overseeing the use of material in their laboratories, the training (both initial and annual) that they provided to laboratory workers, the use of dosimetry and survey instrumentation, security of material, and the frequency and types of area surveys conducted in their respective laboratories. The inspector reviewed dosimetry records for calendar years (CY) 2016 and 2017 to date. The maximum whole body exposure for CY 2016 was 115 millirems (mrem), and for CY 2017 to date the maximum whole body exposure was 145 mrem. The inspector also review records of staff training, a selection of laboratory survey results, package receipt procedures and survey protocols, and results of worker breathing air monitoring for a plating laboratory.

No violations of NRC requirements were identified during this inspection.