

APPENDIX

U.S. NUCLEAR REGULATORY COMMISSION
REGION IV

NRC Inspection Report: 30-12319/89-01 License: 35-17178-01

Docket: 30-12319

Licensee: Tulsa Gamma Ray, Inc.
1127 South Lewis Avenue
Tulsa, Oklahoma 74104

Inspection At: A field site at Cooper Industries in Oklahoma City, Oklahoma

Inspector: C. L. Cain for 10/18/89
A. D. Gaines, Radiation Specialist, Nuclear
Materials Inspection Section Date

Approved: C. L. Cain 10/18/89
C. L. Cain, Chief, Nuclear Materials
Inspection Section Date

Inspection Summary

Inspection Conducted September 13, 1989 (Report 30-12319/89-01)

Areas Inspected: Special, unannounced radiation safety inspection of byproduct material use in radiography activities. The inspection was conducted at a temporary job site and included a review of materials and equipment, radiation exposure control, and transportation.

Results: Within the areas inspected, no violations were identified. It was observed that licensed material was adequately secured and transported in accordance with applicable DOT regulations. The restricted area was properly posted and controlled, and licensed material was used properly. Proper dosimetry was used, and an interview of the radiographer indicated that he was well informed regarding operating and emergency procedures pertaining to the use of radioactive materials in radiography.

8910300124 891019
REG4 LIC30
35-17178-01 PNU

DETAILS

1. Persons Contacted

*John Charter, Radiographer

*Present at the exit interview

2. Introduction

Mr. John Charter is a radiographer employed by Tulsa Gamma Ray, Inc. Mr. Charter lives in Oklahoma City, Oklahoma, and contracts work for Tulsa Gamma Ray, Inc., from his residence. Tulsa Gamma Ray, Inc., has a license to conduct radiography at temporary job sites.

The inspection took place during evening hours at a temporary job site in Oklahoma City, Oklahoma, identified as Cooper Industries, a fabrication shop which machines and makes assorted control valves and other devices.

Mr. Charter stated that he routinely works at Cooper Industries, performing radiography on assorted valves and other devices. He stated that he also has contracts to perform radiography work at approximately four other places in Oklahoma City.

3. Authorized Materials, Uses, and Users

Most of the licensee's records are kept in Tulsa, Oklahoma. The records for the previous week's activities had already been mailed to Tulsa; therefore, only about 4 days of utilization records were reviewed. The review of these records revealed the appropriate information and that only authorized users had used radiography devices.

The radiographer properly roped off and posted the area to show that it was a restricted area and adequately maintained control of the restricted areas. The radiographer made sure the area was clear of all personnel before starting radiography operations.

The radiographer had an appropriately calibrated survey meter on hand at the temporary job site to perform his required surveys. A film badge and properly recharged pocket dosimeter was worn by the radiographer when using licensed material.

The radiographer stated that when licensed material was not in use it was locked in his truck. The radiographer stated that the truck is parked at his residence in Oklahoma City when it is used to store licensed material.

No violations were identified.

4. Transportation

The licensee's shipping papers, packaging, and labeling were reviewed. All containers were properly labeled and marked, and the shipping papers contained the appropriate information. The camera was shipped in its required overpack, and the overpack containing the camera was adequately secured in the truck when it was transported.

No violations were identified.

5. Surveys

Surveys required by 10 CFR Parts 20 and 34 were observed and reviewed in utilization records. All surveys that were required by Parts 20 and 34 were performed.

No violations were identified.

6. Exit Interview

The inspector met with the radiographer to review the scope of the inspection and to discuss the findings.