



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA STREET, N.W.
ATLANTA, GEORGIA 30323

JAN 07 1991

Report No.: 45-25050-01/90-01

Licensee: Georgia-Pacific Corp.
Skippers, VA

Docket No.: 030-31124

License No.: 45-25050-01

Inspection Conducted: November 15, 1990

Inspector: L. A. Franklin 12/17/90
L. A. Franklin, Radiation Specialist Date Signed

Approved by: David J. Collins 12/17/90
for E. J. McAlpine, Chief Date signed
Radiation Safety Projects Section
Nuclear Materials Safety and Safeguards Branch
Division of Radiation Safety and Safeguards

SUMMARY

Scope:

This routine, unannounced inspection was conducted in the areas of licensed materials programs, radiation protection, and independent inspection effort.

Results:

In the areas inspected, one apparent violation was identified. The apparent violation involved receipt of licensed byproduct material prior to being authorized to receive and possess said material.

REPORT DETAILS

1. Persons Contacted

Licensee Employees

*Victor C. Johnson, Technical Manager
Linda Lubitz, Radiation Safety Officer, Data Measurements Corp. (by phone 11/21/90)

* - denotes persons present at exit interview

**In addition the inspector was contacted by telephone on 11/21/90 by L. P.E. Otwell, George-Pacific Corporation, Atlanta, Georgia.

2. Licensed Materials Program (87100)

The Licensee Corporate Headquarters, located in Atlanta, GA, applied for an NRC license on April 12, 1989, for the purpose of acquiring three nuclear gauges each containing one curie of curium-244. These sources were to be used in Data Measurement Corporation Model CM-E8 source holders for measuring density of products at a production facility at Skippers, Virginia. In addition, the application requested the use of a strontium-90 50 millicurie source to be used in a Data Measurement Corporation Model SHR-6 source holder for measuring the density of products. This particular device is normally used under a general license. The application designated the production facility technical manager as the Radiation Safety Officer and one of the authorized users for the activities to be authorized by the license. The NRC issued the license on May 25, 1989. During the course of the inspection conducted on November 15, 1990 the inspector examined initial installation surveys that were performed by the gauge manufacturer. These surveys were performed by the manufacturer on May 11, 1989. The inspector further requested initial receipt records. The records that were available did not appear to contain the actual delivery date. The inspector contacted the manufacturer's Radiation Safety officer and found that the gauges had been shipped to the licensee on March 13, 1989. A telephone call from the licensee's Corporate Headquarters confirmed the March 13, 1989 date and stated that the gauges had actually been delivered on March 14, 1989, but that actual use of the gauges did not start until after the license was in effect. The licensee took possession of byproduct material over two months prior to the issuance of the license and nearly one month prior to submitting an application to the NRC for said license. This is an apparent violation of 10 CFR 30.3 which requires that, except for persons exempt as provided in this Part and Part 150 of this chapter, no person shall manufacture, produce, transfer, receive, acquire, own, possess, or use byproduct material except as authorized in a specific or general license issued pursuant to the regulations in this chapter.

3. Radiation Protection (83822)

The inspector reviewed and discussed radiation safety practices with the Radiation Safety Officer (RSO). The inspector determined that the RSO duties included: source leak testing, conducting source inventories, checking shutter operation, advising on safe use of radioactive material, and incident response duties. The inspector found that the RSO was knowledgeable of his duties. The radiation safety aspects of the licensees' program appeared to be in compliance with NRC regulations and license conditions.

No violations or deviations were noted in this program area.

4. Independent Inspection (92706)

The inspector toured the work area where the gauges were located. The gauges appeared to be properly installed and oriented. All postings were in place and readily visible. An external radiation survey was conducted of the gauge area by the inspector. The inspector observed that the radiation levels were within regulatory limits. Gauge shielding appeared to be adequate.

No violations or deviations were noted in this program area.

5. Transportation of Radioactive Materials (86740)

The inspector reviewed the licensees' program for receipt and transportation of radioactive material. Records related to the shipment of the gauges were reviewed. Procedures related to receipt of radioactive material were discussed with the RSO.

No violations or deviations were noted in this program area.

6. Exit Interview (30703)

The inspection scope and results were summarized on November 15, 1990, with the Technical Manager. The inspector described the areas inspected and discussed in detail the inspection results.

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Georiga - Pacific Corporation

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Enclosure:
NRC Inspection Report

cc w/encl:
Commonwealth of Virginia

bcc w/encl:
Document Control Desk

*J. Vorse, OI:RII, reviewed this Report on
Jan. 7, 1991, and stated he had no objections
to its release.*

*YBJ
11/7/91*

*YBJ
11/7/91*

RII:DRSS
J. Collins
LFranklin:ser
fo 12/1/90

RII:DRSS
J. Collins
EMcAlpine
fo 12/20/90

RII:DRSS
W. Cline
WCline
12/24/90

RII:ERIC
G. Jenkins
GJenkins
12/1/90

~~RII:DRSS
B. Mallett
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