



UNITED INSPECTION INC.

6700-A NEW SAPULPA ROAD
TULSA, OKLAHOMA 74131

NRC License #35-23436-01

January 24, 1985

QUALITY ASSURANCE PROGRAM

1. ORGANIZATION

The final responsibility for the QA program for part 71 requirements rests with United Inspection, Inc.

Design and fabrication shall not be conducted under this QA program. The Radiation Safety Officer is designated the responsible individual for the part 71 quality assurance requirements.

The Radiation Safety Officer is responsible for overall administration of the program, training and certification, document control and auditing.

The Radiographers are responsible for handling, storing, shipping, inspection, test and operating status and record keeping.

2. QUALITY ASSURANCE PROGRAM

The management of United Inspection, Inc. establishes and implements this QA program. Training, prior to engagement, for all QA functions is required according to written procedures. QA Program revisions will be made according to written procedures with management approval. The QA Program will ensure that all defined QA procedures, engineering procedures and specific provisions of the package design approval are satisfied. The QA Program will emphasize control of the characteristics of the package which are critical to safety.

The Radiation Safety Officer shall assure that all radioactive material shipping packages are designed and manufactured under a QA program approved by Nuclear Regulatory Commission for all packages designed or fabricated after January 1, 1979. This requirement can be satisfied by receiving a certification to this effect from the manufacturer.

3. DOCUMENT CONTROL

All documents related to a specific shipping package will be controlled through the use of written procedures. All document changes will be performed according to written procedures approved by management.

The Radiation Safety Officer shall ensure that all QA functions are conducted in accordance with the latest applicable changes of these documents.

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4. HANDLING, STORAGE AND SHIPPING

Written safety procedures concerning handling, storage and shipping of packages for certain special form radioactive material will be followed. Shipments will not be made unless all test, certifications, acceptance and final inspections have been completed. Work instructions will be provided for handling, storage and shipping operations.

Radiography personnel shall perform the critical handling, storage and shipping operations.

5. INSPECTION, TEST AND OPERATING STATUS

Inspection, test and operating status of packages for certain special form radioactive material will be indicated and controlled by written procedures. Status will be indicated by tag, label, marking or log entry. Status of nonconforming parts or packages will be positively maintained by written procedures.

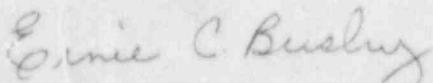
Radiography personnel shall perform the regulatory requirements and test in accordance with written procedures. The Radiation Safety Officer shall ensure that these functions are performed.

6. QUALITY ASSURANCE RECORDS

Records of packaging approvals (including references and drawings), procurement, inspections, tests, operating logs, audit results, personnel training and qualifications and records of shipments will be maintained. Description of equipment and written procedures will also be maintained.

7. Audits

Established schedule of audits of the QA Program will be performed using written check lists. Results of audits will be maintained. Audit reports will be evaluated and deficient areas corrected. The audits will be dependent of the safety significance of the activity being audited, but each activity will be audited at least once a year. Audit reports will be maintained as part of the quality assurance records. Members of the audit team shall have no responsibility in the activity being audited.



Ernie C. Busby, Radiation Safety Officer
United Inspection Inc.



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SHIPPING DOCUMENTS

SHIPPED
TO

FROM

DATE

QUANTITY SHIPPED	UNIT OF MEASURE	WEIGHT	DESCRIPTION
			IRIDIUM-192 _____ Ci. COBALT-60 _____ Ci. SOURCE SERIAL NO. _____ SOURCE MODEL NO. _____ CONTAINER MODEL NO. _____ CONTAINER SERIAL NO. _____ RADIOACTIVE MATERIAL, SPECIAL FORM, N.O.S. 9182 RADIOACTIVE _____ LABELS. TRANSPORT INDEX _____. This is to certify that the above named materials are properly classif- ied, decribed, packaged, marked, labeled and are in proper condition for transportation according to the applicable regulations of the depart- ment of transportation.




DOT 172-202

REF 49 CFR 173.25 "INSIDE PACKAGES COMPLY WITH PRESCRIBED SPECIFIC-
ATIONS."

SHIPPER PER _____

SHIPPING RADIOACTIVE MATERIAL
SHIPMENT OF RADIOGRAPHIC SOURCES

1. Insure that the source is secured in the proper shielded storage position in the shipping container.
2. Attach security seal with an identification mark to the package closure. [49 CFR 173.393 (b)].
3. If the shipping container is to be packaged inside a crate or other outer packaging, the outer packaging must be strong enough to withstand the normal conditions of transport.
Place the shipping container in the outer package with sufficient blocking to prevent shifting during transportation.
[49 CFR 173.25].
4. Survey the package at the surface and three feet from the surface to determine the proper radioactive shipping labels to be applied to the package. Use the criteria of table II.
[49 CFR 172.403].

	Surface	3 feet
RADIOACTIVE-White I 	0.5mR/hr	None
RADIOACTIVE-YELLOW II 	50mR/hr	1.0mR/hr
RADIOACTIVE-YELLOW III 	200mR/hr	10mR/hr

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