



## 1.0 ORGANIZATION

SCOPE: This section is an outline of responsibilities for the International Radiography and Inspection Services Inc.(IRIS), 10 CFR 71 Quality Assurance Program, covering the transportation, shipping and receiving of radioactive material.

### 1.1 ORGANIZATION RESPONSIBILITIES

The final responsibility for the Quality Assurance Program for 10 CFR 71 requirements rests with International Radiography and Inspection Services Inc.

#### 1.1.1 RADIATION SAFETY OFFICER

The radiation safety officers primary responsibility is for the overall administration of the program, training and certification, document control and auditing.

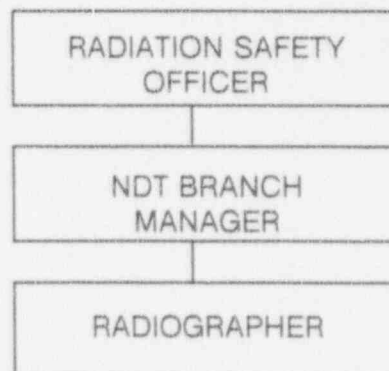
#### 1.1.2 NDT BRANCH MANAGER

The NDT Branch Manager primary responsibility is to insure all radiographers are properly trained, understand and comply with the program before, during and after all assignments.

#### 1.1.3 RADIOGRAPHERS

The radiographers primary responsibility is for handling, storing, shipping, inspecting, testing, maintaining operating status and record keeping of all assignments.

### 1.2 ORGANIZATIONAL CHART



## 2.0 QUALITY ASSURANCE PROGRAM

SCOPE: This section identifies the establishment, implementation, reviewing and updating of the program.

## **2.1 ESTABLISHMENT AND IMPLEMENTATION**

The management of IRIS establishes and implements this Quality Assurance Program. Training for all QA functions, prior to engagement of these functions, is required according to written procedures. QA Program revisions will be made according to written procedures and require approval by management and the Radiation Safety Officer. The QA Program will ensure that all defined QC 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 Quality Assurance Program approved by the Nuclear Regulatory Commission for all packages designed or fabricated after January 1979. This requirement can be satisfied by receiving a certification to this effect from the manufacturer.

## **3.0 DOCUMENT CONTROL**

**SCOPE:** This section outlines the control of all documents related to transporting, shipping and receiving or radioactive material.

### **3.1 CONTROL**

All documents related to a specific shipping package shall be controlled through the use of written procedures. Document changes will be performed according to written procedures approved by management and the Radiation Safety Officer.

The Radiation Safety Officer shall insure that all the latest changes are implemented and followed.

## **4.0 HANDLING, STORAGE AND SHIPPING**

**SCOPE:** This section outlines requirements for safe handling, storage and shipping of radioactive material.

### **4.1 PROCEDURES**

Written safety procedures concerning the handling, storage and shipping of packages for certain special form radioactive material will be followed. Shipments will not be made unless all applicable tests, certifications, and final inspections have been completed in accordance with written safety procedures.

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

## **5.0 INSPECTION, TEST AND OPERATING STATUS**

**SCOPE:** This section outlines the requirements for package inspections, tests and identification of operating status.

### **5.1 PROCEDURES**

Inspection, test and operating status of the package containing 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.

### **5.2 CONTROL**

Radiography personnel shall perform the required inspections and tests in accordance with the written procedure applicable to the task at hand. The Radiation Safety Officer will ensure that these procedures are performed.

## **6.0 QUALITY ASSURANCE RECORDS**

**SCOPE:** This section outlines the maintaining of records for shipping, storing and transporting of radioactive material.

Records of equipment descriptions, package approval (including references and drawings), inspections, operating logs, audit results, personal training and qualifications and records of shipment will be maintained.

These records will be maintained in accordance with written procedures. The records will be identifiable and retrievable. A list of these records, and their storage locations, will be maintained by the Radiation Safety Officer.

## **7.0 AUDITS**

**SCOPE:** This section outlines the requirements for QA program auditing.

Audits of the program will be performed using written checklists. Results of the audits will be maintained and reported to management. Audit reports will be evaluated and deficient areas corrected. The schedule of audits will be dependant on 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.