

GORSIRA X-RAY, INC.

24030 HAZBERRY ROAD
FARMINGTON HILLS, MI 48024



PROCEDURE: QA PROGRAM FOR 10CFR, PART 71

NUMBER: GXI-11 DATE: 4/10/81

REV: Original PREPARED BY: F.E. Gorsira

APPROVED BY: [Signature]
Level III - Fred E. Gorsira, President

QA PROGRAM FOR 10 CFR PART 71

INDUSTRIAL RADIOGRAPHY LICENSE 21-19339-01

1. Organization

The final responsibility for the Quality Assurance (QA) Program for Part 71 Requirements rests with Gorsira X-Ray, Inc. Design and Fabrication shall not be conducted under this QA Program. The QA Program is implemented using the Organizational Chart on Page 4.

The Radiation Safety Officer is the responsible individual for the Part 71 QA requirements and is also responsible for overall administration of the program, training and certification, document control and auditing.

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

2. Quality Assurance Program

The management of Gorsira X-Ray, 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 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 QA Program approved by the Nuclear Regulatory Commission for all packages (cameras and source changers) designed or fabricated after January 1, 1979. This requirement will 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

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to written procedures approved by management.

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

4. Handling, Storage and Shipping

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 tests, certifications, acceptances 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 non-conforming parts or packages will be positively maintained by written procedures.

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

6. Quality Assurance Records

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

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

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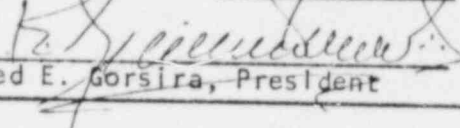
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7. Audits

Established schedules of audits of the QA Program will be performed using written check lists. Results of the audits will be maintained and reported to management. Audit reports will be evaluated and deficient areas corrected. The audits will be dependent on the safety significance of the activity being audited, but each activity will be audited at least once per 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.

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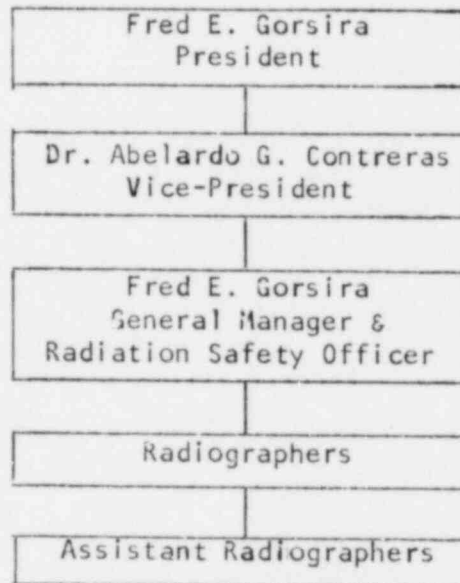
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MANAGEMENT ORGANIZATIONAL STRUCTURE

Gorsira X-Ray, Inc., was formed and incorporated in the State of Michigan on October 31, 1979.

The organizational structure is as follows:



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MANAGEMENT ORGANIZATIONAL STRUCTURE

DESCRIPTION OF RESPONSIBILITY

1. President - General management of the company.
2. Vice-President - Assist the President in the general administration of the company.
3. General Manager and Radiation Safety Officer - Responsible for operations control, supervision of employees, job assignments, training. As R.S.O., responsible for overall administration of the radiation safety program (including Quality Assurance), personnel radiation safety training and certification, document control, and auditing of the radiation safety program.
4. Radiographers - Responsible for using, storing, shipping, inspection, testing, operating status, and record keeping of radioisotope sources and devices in accordance with written procedures of the company as approved by the General Manager and Radiation Safety Officer.
5. Assistant Radiographers - Responsible for assisting the radiographer in his duties.

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