

QUALITY ASSURANCE PROGRAM

10 CFR PART 71

INDUSTRIAL RADIOGRAPHY LICENSE

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STRUTHERS WELLS CORPORATION  
STANDARDS

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No. 37-11152-01

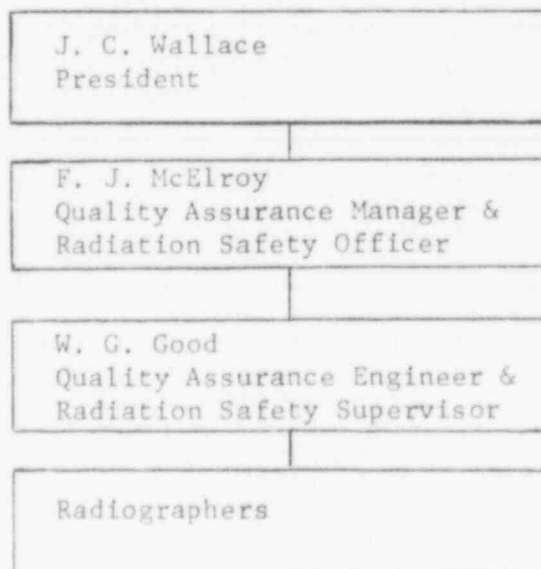
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1.0 ORGANIZATION

- 1.1 The final responsibility for the Quality Assurance Program for Part 71 requirements rests with Struthers Wells Corporation. Design and fabrication shall not be conducted under this Program.
- 1.2 The Manager of Quality Assurance and Radiation Safety Officer (F. J. McElroy) has Management's responsibility for overall administration of the program, training and certification, document control, and auditing.
- 1.3 The Radiographers are responsible for strictly following the safety guidelines that have been established in this Program for handling, storing, shipping, inspection, test and operating status, and recordkeeping.
- 1.4 Organizational Chart

The following is a chart of organization responsibility to carry out provisions of Title 10 Part 71 of NRC license requirements:



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2.0 QUALITY ASSURANCE PROGRAM

- 2.1 The Management of Struthers Wells Corporation establishes and implements this Program.
- 2.2 The Radiation Safety Officer is responsible for indoctrination and training to insure that personnel engaged in use, maintenance, and repair activities important to safety are knowledgeable before they engage in such activities. This training shall be in accordance with written procedures, Sections 8 and 10 of the "Application for Material License".
- 2.3 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 1, 1979. This requirement will be satisfied by receiving a certification to this effect from the manufacturer.
- 2.4 Quality Assurance Program revisions will be made by the Radiation Safety Officer to written procedures with Management approval and re-submitted to the Nuclear Regulatory Commission for approval.

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3.0 DOCUMENT CONTROL

- 3.1 All documents related to a specific shipping package shall be controlled by the Radiation Safety Officer through the use of a written procedure. Any document changes must be approved by Management.
- 3.2 The Radiation Safety Officer shall insure that all Quality Assurance functions are conducted in accordance with the latest applicable changes to these documents and obsolete documents shall be withdrawn from the shop.
- 3.3 Documents under control of the Quality Assurance Program include, as a minimum:
- 3.3.1 Quality Assurance Manual
  - 3.3.2 Operating Procedures
  - 3.3.3 Maintenance Procedures
  - 3.3.4 Inspection and Test Procedures
  - 3.3.5 Loading and Unloading Procedures
  - 3.3.6 Packaging for Transport Procedures
  - 3.3.7 Other documents as specified in the Operating and Emergency Procedures of the "Application for Material License".

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4.0 HANDLING, STORAGE, AND SHIPPING

- 4.1 Safety procedures from the shipping container designer concerning the handling, storage, and shipping of packages of radioactive materials shall be specifically followed.
- 4.2 Shipments will not be made unless all tests, certifications, acceptances, and final inspections have been completed.
- 4.3 Qualified radiographic personnel shall perform the critical handling, storage, and shipping operations.
- 4.4 The special requirements in Section 10.4 of "Application for Material License" for handling, storage, and shipping must also be followed.

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5.0    INSPECTION, TEST, AND OPERATING STATUS

- 5.1    Inspection, test, and operating status of packages for radioactive material will be indicated and controlled by written procedures contained in "Application for Material License".
- 5.2    Status will be indicated by log entry.
- 5.3    Status of nonconforming parts or packages shall be positively controlled in accordance with Struthers Wells Corporation Standard 39.15.1.
- 5.4    Qualified radiographic personnel shall perform the regulatory required inspections and tests in accordance with requirements specified in Struthers Wells Corporation's "Application for Material License". The Radiation Safety Officer shall insure that these functions are performed.

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6.0 QUALITY ASSURANCE RECORDS

- 6.1 Records of package approvals, procurement, inspections, tests, operating logs, audit results, personnel training and qualifications, and records of shipments will be maintained.
- 6.2 Descriptions of equipment and written procedures will also be maintained.
- 6.3 Records shall be maintained in accordance with written procedures. The records will be identified and retrievable.
- 6.4 A list of the records will be maintained by the Radiation Safety Officer in the Quality Assurance office.

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7.0 AUDITS

- 7.1 Internal Audits of the Program will be performed using written checklists. Results of audits will be maintained and reported to Management.
- 7.2 Audit reports will be evaluated by the Radiation Safety Officer and deficient areas shall require written corrective action.
- 7.3 Each activity shall be audited at least once per year. However, deficient areas may require additional inspections dependent on the safety significance of the activity being audited.
- 7.4 Audit reports will be maintained as part of the Quality Assurance records.
- 7.5 Members of the audit team shall have no responsibility in the activity being audited.

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FCUF \_\_\_\_\_ PDR ☒  
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DESCRIPTION:

enclosed a  
Copy of Quality  
Assurance Program  
for your review

03/05/86 INITIAL CIC