

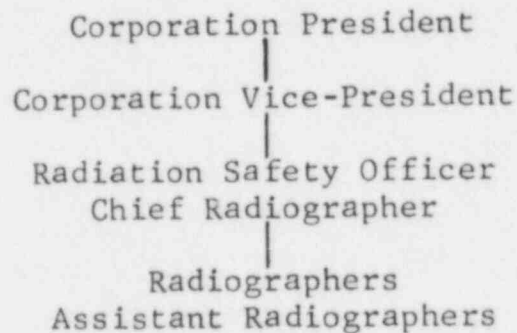
QUALITY ASSURANCE REQUIREMENTS
FOR TRANSPORTATION PACKAGING (10CFR71)
AS APPLICABLE TO INDUSTRIAL
RADIOGRAPHY LICENSEES

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PDR ADOCK 07100546
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10CFR71 QUALITY ASSURANCE PROGRAM
FOR INDUSTRIAL RADIOGRAPHY
LICENSEES

1.0 ORGANIZATION

The final responsibility for the Quality Assurance Program for Part 71 requirements rests with Technical Services Division of Vector Corporation. Design and fabrication of radioactive material shipping packages shall not be conducted under this Quality Assurance Program. The Quality Assurance Program is implemented using the following organization.



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, operating status and record keeping.

2.0 QUALITY ASSURANCE PROGRAM

The management of Technical Services Division of Vector Corporation establishes and implements this Quality Assurance Program. Training for all Quality Assurance functions, prior to engagement in these functions, is required according to written procedures. Quality Assurance Program revisions will be made according to written procedures with management approval. The Quality Assurance Program will ensure that all defined Quality Control procedures, engineering procedures and specific provisions of the package design approval are satisfied. The Quality Assurance Program will emphasize control of the characteristics of the package which are critical to safety.

2.0 QUALITY ASSURANCE PROGRAM (Continued)

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 can be satisfied by receiving a certification to this effect from the manufacturer.

3.0 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 insure that all Quality Assurance functions are conducted in accordance with the latest applicable changes to these documents.

4.0 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.

5.0 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.

5.0 INSPECTION, TEST AND OPERATING STATUS (Continued)

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.

6.0 QUALITY ASSURANCE RECORDS

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

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

7.0 AUDITS

Established schedule of audits of the Quality Assurance Program will be performed using written checklists. Results of 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 each 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.

DOCKET NO. 71-0546
CONTROL NO. 25490
DATE OF DOC. 07/01/85
DATE RCVD. 07/08/85
FCUF _____ FDR ☒
FCAF _____ LPDR _____
WM _____ I&E REF. ☒
WMUR _____ SAFEGUARDS _____
FCTG ☒ OTHER _____

DESCRIPTION:

attached is a
Copy of the
Quality Assurance
Program Approval

07/08/85 INITIAL CEC

SEP 9 - 1985

Docket No. 71-0546

Technical Services Corporation
ATTN: Mr. Edward Handrahan
Radiation Safety Officer
3700 Butler Street
Pittsburgh, Pennsylvania 15201

Gentlemen:

Request Dated July 1, 1985, Transmitting your Quality Assurance Program and our Request for the License Fee Dated July 16, 1985.

This refers to the subject application and our letter (copy enclosed) in which we notified you that an application fee of \$150 was required.

Please be advised that, unless we hear from you within 30 days from the date of this letter, we will consider your application as being abandoned.

The submission of any future applications with the prescribed fee would not be affected by this action.

Sincerely,

Original Signed By
Glenda Jackson

Glenda Jackson
License Fee Management Branch
Office of Administration

Enclosure:
Letter dated 7/16/85

OFFICE	LFMB:ADM	LFMB:ADM 8					
SURNAME	REJacques:rej	GJackson					
DATE	9/5/85	9/7/85					

DISTRIBUTION:
Matls. Fee File
Quality Assurance Fee File
PDR
ASCabell, LFMB
GJackson, LFMB
LFMB R/F (2)
LGordon, FCTC, NMSS

JUL 16 1985

Docket No. 71-0546

Technical Services Corporation
ATTN: Mr. Edward Handrahan
Radiation Safety Officer
3700 Butler Street
Pittsburgh, Pennsylvania 15201

Gentlemen:

This refers to your July 1, 1985, letter transmitting your quality assurance program for radioactive material transport packages.

Enclosed is a copy of revised 10 CFR 170, which became effective June 20, 1984. Please notice s170.31, fee Category 10F, which specifies fees for applications for Part 71 quality assurance approvals, including renewals and amendments thereto. Applicants in fee Category 10F pay an initial application fee of \$150 and are subsequently billed at six-month intervals for all accumulated NRC costs or upon completion of the review, whichever occurs sooner. The total fee assessed will be based on the actual NRC cost (professional staff-hours) to process the application as well as any contractual cost incurred.

Based on the above, please remit an application fee of \$150 and mail it to my attention. If you have any questions concerning the fee, please let me know.

Sincerely,

Original Signed By
Glenda Jackson

Glenda Jackson
License Fee Management Branch
Office of Administration

Enclosure:
10 CFR 170 (June 20, 1984)

OFFICE	LFMB:ADM						
SURNAME	GJackson:pj						
DATE	7/1/85						