



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

JUL 10 1980

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FCTC:RHO
71-0371

Department of the Navy
ATTN: Commanding Officer
Naval Electronic Systems
Engineering Center
P.O. Box 80337
San Diego, CA 92138

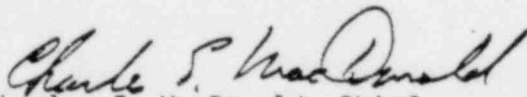
Gentlemen:

This refers to your application dated January 14, 1980 requesting approval of your Quality Assurance (QA) program as meeting the QA program requirements of 10 CFR §71.51.

Additional information is required to satisfy the requirements of Appendix E to 10 CFR Part 71. To assist you in preparing this information, we have enclosed the acceptance criteria the staff uses to evaluate a licensee's QA program for transportation packages for normal/special form radioactive material. Please revise your QA program description to address the enclosed criteria and submit seven copies of the revised program within 30 days following receipt of this letter.

If you have any questions regarding this request, please contact Jack Spraul at (301) 492-7741.

Sincerely,


Charles E. MacDonald, Chief
Transportation Certification Branch
Division of Fuel Cycle and Material
Safety, NMSS

Enclosure:
Acceptance Criteria

cc: Department of the Navy
Navy Nuclear Power Unit
ATTN: Code 40
Port Hueneme, CA 93043

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10 CFR PART 71 QA PROGRAM
FOR INDUSTRIAL RADIOGRAPHY LICENSEES

1. Organization

The final responsibility for the Quality Assurance (QA) Program for Part 71 Requirements rests with (Company Name). Design and Fabrication shall not be conducted under this QA Program. The QA Program is implemented using the following organization:

Note: The Organizational Chart as used in the license application should be presented. It may be advisable to designate the Radiation Safety Officer as the responsible individual for the Part 71 QA 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 (Company Program) 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 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 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 nonconforming 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.

7. Audits

Established schedules of audits of the QA Program will be performed using written check lists. 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 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.