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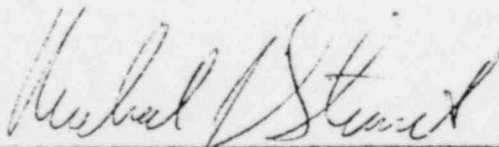
MASSACHUSETTS MATERIALS RESEARCH, INC.

241 WEST BOYLSTON STREET • WEST BOYLSTON, MASSACHUSETTS 01583 • TEL. 617-835-6262

NRC License #20-19130-01

QUALITY ASSURANCE PROGRAM
FOR
TRANSPORTING RADIOACTIVE MATERIAL
PACKAGES AS REQUIRED BY
10 CFR PART 71

APPROVED:


RADIATION SAFETY OFFICER

1/23/80
DATE

16153

I. SCOPE:

This Quality Assurance Program is established in accordance with 10 CFR Part 71 for the transport of licensed radioactive material. Design, fabrication, testing or modification or radioactive material shipping packages shall not be conducted under this program.

II. ORGANIZATION:

A. Overall organizational structure shall be in accordance with Part 10 of MMR's Administrative Manual for Industrial Radiography.

B. Radiation Safety Officer. The RSO shall be responsible for the overall administration of the QA Program, training and certification, document control, and auditing.

C. Radiographers are responsible for handling, storing, shipping, operating, cleaning, inspection, repairing, assembling and record keeping.

D. Final responsibility for the QA Program rests with Massachusetts Materials Research, Inc.

III. TRAINING AND CERTIFICATION:

Training and certification of all radiographers, assistant radiographers, and trainees who perform any operation with radioactive materials shall be in accordance with Part 8, Administrative Manual.

IV. HANDLING, STORING AND SHIPPING:

All handling, storing and shipping of radioactive material shall be performed in accordance with Parts 10 and 13 of MMR's Operating and Emergency Procedures for Industrial Radiography.

V. OPERATING, CLEANING, INSPECTION, REPAIRING AND ASSEMBLING:

Operating, cleaning, inspection, repairing and assembling of radioactive material shipping packages shall be performed in accordance with Parts 7, 8, and 11, Operating and Emergency Procedure Manual.

VI. DOCUMENT CONTROL:

All pertinent completed records and forms shall be maintained. Included, but not limited to, are:

- (1) Approval certificates for radioactive material shipping packages.

(2)

- (2) MMR Administrative Manual for Industrial Radiography forms #201, 202, 203, 205, 206, and 207.
- (3) Training and certification records of all radiography personnel.
- (4) Quality Assurance Program Audit checklist.

VII. AUDITS:

A yearly audit of the Quality Assurance Program shall be performed by the General Manager of MMR. A written checklist (Appendix I) shall serve as the record with the results maintained in the Quality Assurance files.



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APPENDIX I

QUALITY ASSURANCE PROGRAM FOR NRC LICENSE #20-19130-01

YEARLY AUDIT CHECKLIST

No items of noncompliance or unsafe conditions were found.

The following items of noncompliance or unsafe conditions were found.

1. A current copy of the Quality Assurance Program was not available.

2. Records of receipt, transfer or disposal of radioactive material were not properly maintained.

3. Certificates from manufacturers of radioactive material shipping containers showing that all containers designed or fabricated after July 1, 1978 were done so under a Quality Assurance Program approved by the NRC were not properly maintained.

4. Containers were not properly labeled to indicate the presence of Radioactive Material.

5. Personnel did not follow established safety procedured for handling, storage and shipping of containers containing radioactive material.

6. Personel training records were not properly maintained.

7. Other _____

Remarks: (Auditor to use this section to expound on any items of noncompliance or unsafe conditions checked.)

Auditor: _____

Date of Audit: _____

The Auditor has explained and I understand the findings of this audit. Any items of noncompliance will be corrected within the next 30 days.

DATE

RADIATION SAFETY OFFICER