

QUALITY ASSURANCE (QA) PROGRAM

of

US Army White Sands Missile Range, NM

License No. 30-02405-05

FOR COMPLIANCE WITH 10 CFR Part 71, APPENDIX E

1. Organization.

The final responsibility for the Quality Assurance (QA) Program for Part 71 Requirements rests with the US Army White Sands Missile Range, New Mexico.

Design and Fabrication shall not be conducted under this QA Program. The QA Program is implemented as shown on the attached organization chart, (Incl 1).

The Radiation Protection 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 the US Army White Sands Missile Range 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 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 Protection Officer shall assure that all radioactive material shipping packages are designed and manufactured under a QA Program approved by the Nuclear Regulatory Commission (NRC) for all packages designed or fabricated after 1 July 1978. This requirement can 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 Protection Officer shall insure that all QA functions are conducted in accordance with the latest applicable changes to these documents.

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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 Protection 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.

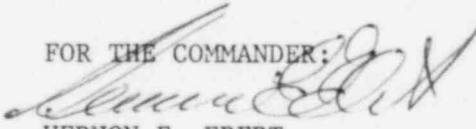
These records will be maintained in accordance with written procedures. The records will be identifiable and retrievable. A list of these records, with their storage locations, will be maintained by the Radiation Protection Officer.

7. Audits.

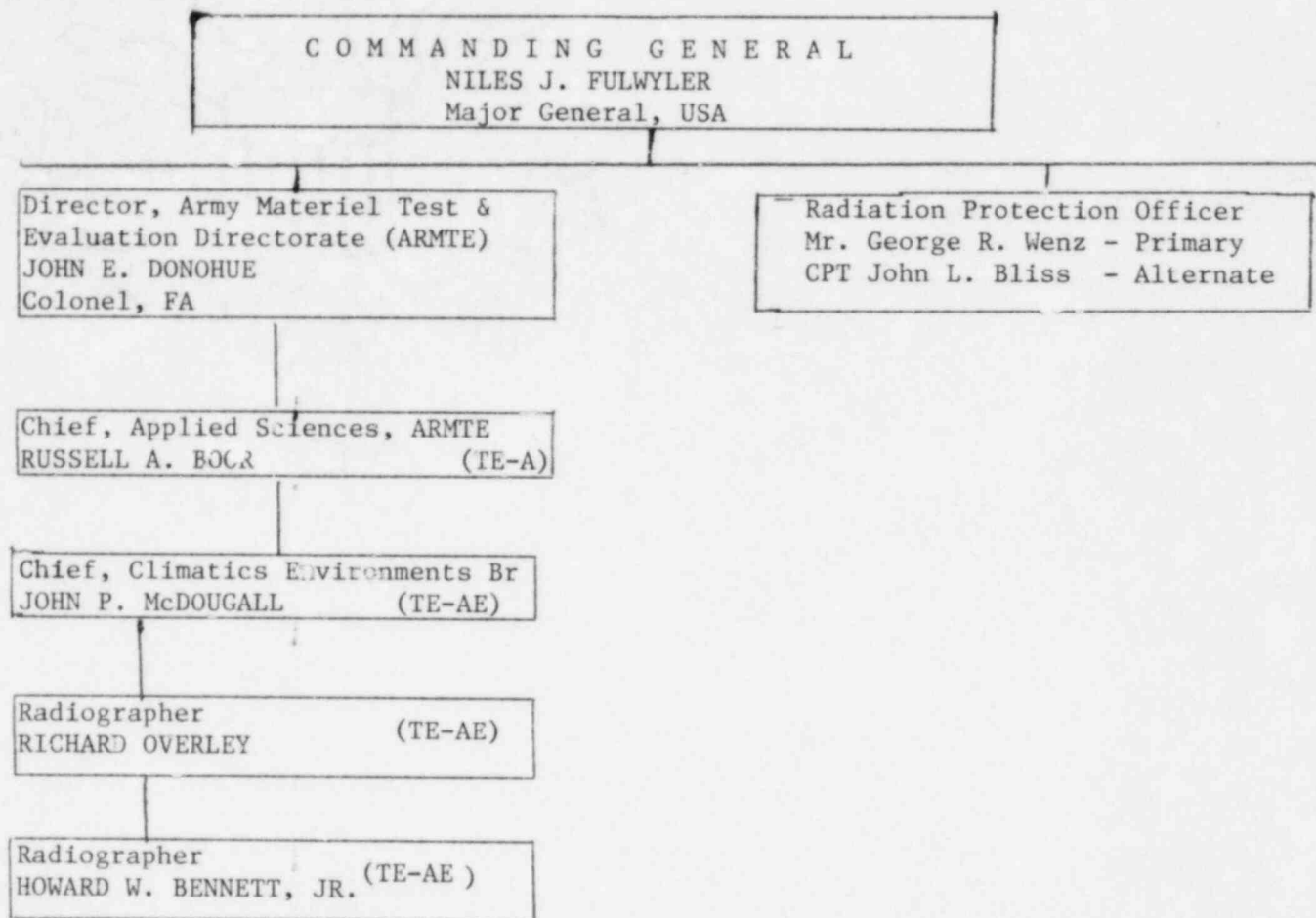
Established schedules of audits of the QA Program will be performed using written check lists. Results of audits will be maintained and reported to management. Audit reports will be evaluated and deficient areas corrected. The audits will be dependent on the safety significance of the activity being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

20 Sep 82
DATE
Commander
US Army White Sands Missile Range
ATTN: STEWS-ME-SE
White Sands Missile Range, NM 88002
Licensee's Address

FOR THE COMMANDER:


VERNON E. EBERT
Colonel, GS
Chief of Staff

QUALITY ASSURANCE PROGRAM ORGANIZATION CHART - For
US Army White Sands Missile Range License No. 30-02405-05
For - COMPLIANCE WITH 10 CFR PART 71, APPENDIX E



DESCRIPTION OF RESPONSIBILITY:

1. COMMANDING GENERAL - Overall Commander of White Sands Missile Range (WSMR)
2. DIRECTOR, ARMTE) - Responsible for operations control of the Directorate,
CHIEF, TE-A) supervision of employees, cost control, job assign-
CHIEF, TE-AE) ments, personnel relations, and training.
3. RADIATION PRO-) - Responsible for overall administration of the WSMR
TECTION OFFICER) Radiation Protection Program (RPP) including Quality
) Assurance, personnel radiation safety training and
) certification, document control, and auditing of
) the RPP.
4. RADIOGRAPHERS) - Responsible for using, storing, shipping, inspection,
) testing, operating status, and record keeping of
) radioisotope sources and devices in accord with
) written procedures of the US Army White Sands Missile
) Range as approved by the Chief of TE-AE, Chief of
) Safety Office, and Radiation Protection Officer.

Enclosure 1

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