



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

AUG 29 1980

FCTC:RHO
71-0382

United States Department of the Interior
Geological Survey
ATTN: Mr. Donald H. Rusling
Box 25046
Denver Federal Center
Denver, CO 80225

Gentlemen:

We have evaluated your quality assurance program submitted with your March 31, 1980 letter to satisfy the requirements of 10 CFR §71.51.

Our review indicates that additional information is required to satisfy the applicable requirements of Appendix E to 10 CFR Part 71. Please address the enclosed request for additional information and submit seven copies of the revised program within 60 days following receipt of this letter.

If you have any questions regarding this request, please feel free to contact Mr. Jim Conway at (301) 492-7741.

Sincerely,

A handwritten signature in cursive script that reads "Charles E. MacDonald".

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

Enclosure:
Request for Additional
Information

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U.S. GEOLOGICAL SURVEY (71-0382)

Request for Additional Information

1. Identify those individuals who have the responsibility and authority, delineated in writing, to stop unsatisfactory work and control further processing, delivery, or installation of nonconforming material.
2. Provide a statement that provisions are established to control the distribution of the QA manuals and revisions thereto.
3. Provide a statement that training and experience for all QA functions will be required and accomplished in accordance with established procedures.
4. Provide a statement that quality-related activities are performed with specified equipment and under suitable environmental conditions, and prerequisites have been satisfied prior to inspection and test.
5. Provide a statement that procurement documents identify the applicable 10 CFR Part 71, Appendix E requirements which must be complied with and described in the supplier's QA program.
6. Provide a statement that procurement documents identify the documentation (e.g., drawings, specifications, procedures, inspection and fabrication plans, inspection and test records, personnel and procedure qualifications, and chemical and physical test results of material) to be prepared, maintained, and submitted to the Geological Survey for review and approval.
7. Provide a statement that procurement documents identify those records to be retained, controlled, and maintained by the supplier, and those delivered to the Geological Survey prior to use or installation of the hardware.
8. Provide a statement that documents contain the Geological Survey's right of access to supplier's facilities and records for source inspection and audit.
9. Provide a statement that approved changes are included in instructions, procedures, drawings, and other documents.
10. Provide a statement that documents are available at the location where the activity will be performed.
11. Provide a statement that measuring and test instruments are calibrated at specified intervals based on the required accuracy, purpose, degree of usage, stability characteristics, and other conditions affecting the measurement.
12. Provide a statement that measures are taken and documented to determine the validity of previous inspections performed when measuring and test equipment is found to be out of calibration.
13. Provide a statement that reference and transfer standards are traceable to nationally recognized standards; or, where national standards do not exist, provisions are established to document the basis for calibration.

14. Provide a statement that handling, preservation, storage, cleaning, packaging, and shipping requirements are established and accomplished by qualified individuals in accordance with predetermined work and inspection instructions.
15. Provide a statement that all necessary shipping papers will be prepared, as required.
16. Provide a statement that all conditions of the NRC package approval and the U.S. Department of Transportation shipping requirements are satisfied prior to shipment.
17. Provide a statement that departure, arrival time, and destination of a package will be established and monitored to a degree consistent with the safe transportation of the package.
18. Provide a statement that identification of shipping casks can be traced to the appropriate documentation.
19. Provide a statement that the identification, documentation, segregation, review, disposition, and notification to affected organizations of nonconforming materials, parts, components, or services are procedurally controlled.
20. Provide a statement that sufficient records are maintained to provide documentary evidence of the quality of items and the activities affecting quality.
21. Provide a statement that QA records include operating logs; results of inspections, tests, and audits; and qualification of personnel, procedures, and equipment.
22. Provide a statement that records are identifiable and retrievable.
23. Provide a statement that requirements and responsibilities for record retention (such as duration, location, and assigned responsibilities) are established.
24. Provide a statement that audits are performed in accordance with pre-established written procedures or checklists and conducted by trained personnel not having direct responsibilities in the areas being audited.
25. Provide a statement that audit results are documented and then reviewed with management having responsibility in the area audited.
26. Provide a statement that responsible management takes the necessary action to correct the deficiencies revealed by the audit.
27. Provide a statement that deficient areas are reaudited on a timely basis to verify implementation of corrective actions which minimize recurrence of deficiencies.