



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

POP

SEP 17 1979

FCTC:RHO  
71-0190

Texas Instruments, Inc.  
Materials & Electrical Products  
Group  
ATTN: Mr. F. L. Sherman  
Attleboro, MA 02703

Gentlemen:

We have evaluated your revised QA Program for packaging radioactive material submitted with your August 3, 1979 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 30 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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TEXAS INSTRUMENTS (71-0190)

Request for Additional Information

1. Provide a statement that an indoctrination and training program is established  
(II) such that:
  - (1) Personnel responsible for performing quality-related activities are instructed as to the purpose, scope and implementation of the QA manuals, instructions, and procedures.
  - (2) Personnel performing quality-affecting activities are trained and qualified in the principles and techniques of the activity being performed.
  - (3) The scope, the objective, and the method of implementing the indoctrination and training program are documented.
  - (4) Proficiency of personnel performing quality-affecting activities is maintained by retraining, reexamining, and/or recertifying.
2. Provide a statement that prerequisites have been satisfied prior to inspection.  
(II)
3. Provide a statement that procedures are established that clearly delineate the  
(IV) sequence of actions to be accomplished in the preparation, review, approval, and control of procurement documents.
4. Provide a statement that procurement documents identify the applicable 10 CFR  
(IV) Part 71, Appendix E requirements which must be complied with and described in the supplier's QA program.
5. Provide a statement that procurement documents contain or reference the design  
(IV) basis technical requirements including the applicable regulatory requirements, material and component identification requirements, drawings, specifications, codes and industrial standards, test and inspection requirements, and special process instructions.
6. Provide a statement that procurement documents identify the documentation  
(IV) (e.g., drawings, specifications, procedures, inspection and fabrication plans, inspection and test records, personnel and procedures qualifications, and chemical and physical test results of material) to be prepared, maintained, and submitted to Texas Instruments for review and approval.
7. Provide a statement that procurement documents contain Texas Instruments'  
(IV) right of access to supplier's facilities and records for source inspection and audit.

8. Provide a statement that activities affecting quality are prescribed and  
(V) accomplished in accordance with documented instructions, procedures, or drawings.
9. Provide a statement that the review, approval and issue of documents and  
(VI) changes thereto, prior to release, are procedurally controlled to assure they are adequate and the quality requirements are stated.
10. Provide a statement that changes to documents are reviewed and approved by  
(VI) the same organizations that performed the original review and approval or by other qualified responsible organizations delegated by Texas Instruments.
11. Provide a statement that procedures are established to identify and control  
(VIII) materials, parts, and components.
12. Provide a statement that identification of materials and parts important to  
(VIII) the function of safety-related systems and components can be traced to the appropriate documentation such as drawings, specifications, purchase orders, manufacturing and inspection documents, deviation reports, and physical and chemical mill test reports.
13. Provide a statement that correct identification of materials, parts, and  
(VIII) components is verified and documented prior to release for fabrication, assembling and installation.
14. Provide a statement that special processes such as welding, heat treating,  
(IX) nondestructive testing, and cleaning are procedurally controlled.
15. Provide a statement that measuring and test instruments are calibrated at  
(XII) specified intervals based on the required accuracy, purpose, degree of usage, stability characteristics, and other conditions affecting the measurement.
16. Provide a statement that reference and transfer standards are traceable to  
(XII) nationally recognized standards; or, where national standards do not exist, provisions are established to document the basis for calibration.

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