UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

DEC 29 1978

Docket No. 70-33

Texas Instruments, Incorporated
ATTN: Dr. J. W. Ross
Manager, Energy Products
Metallurgical Materials Division
34 Forest Street
Attleboro, Massachusetts 02703

Gentlemen:

Subject: Inspection 70-33/78-17

This refers to the inspection conducted by Mr. P. Clemons of this office on December 6-8, 1978 of activities authorized by NRC License No. SNM-23 and to the discussions of our findings held by Mr. Clemons with Mr. Sherman and other members of your staff at the conclusion of the inspection, and to a subsequent telephone discussion between Mr. Clemons and Mr. Hopper on December 11, 1978.

Areas examined during this inspection are described in the Office of Inspection and Enforcement Inspection Report which is enclosed with this letter. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, measurements made by the inspector, and observations by the inspector.

Our inspector also verified the steps you have taken to correct the items of noncompliance brought to your attention in a letter dated June 30, 1978. We have no further questions regarding your action at this time.

Based on the results of this inspection, it appears that certain of your activities were not conducted in full compliance with NRC requirements, as set forth in the Notice of Violation, enclosed herewith as Appendix A. These items of noncompliance have been categorized into the levels as described in our correspondence to you dated December 31, 1974. This notice is sent to you pursuant to the provisions of Section 2.201 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations.

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Section 2.201 requires you to submit to this office, within twenty (20) days of your receipt of this notice, a written statement or explanation in reply including: (1) corrective steps which have been taken by you and the results achieved; (2) corrective steps which will be taken to avoid further items of noncompliance; and (3) the date when full compliance will be achieved.

Item number A shown in the Notice of Violation enclosed with this letter, is a recurrent item. In your response please give this matter your particular attention.

In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and the enclosures will be placed in the NRC's Public Document Room. If this report contains any information that you (or your contractor) believe to be proprietary, it is necessary that you make a written application within 20 days to this office to withhold such information from public disclosure. Any such application must be accompanied by an affidavit executed by the owner of the information, which identifies the document or part sought to be withheld, and which contains a statement of reasons which addresses with specificity the items which will be considered by the Commission as listed in subparagraph (b) (4) of Section 2.790. The information sought to be withheld shall be incorporated as far as possible into a separate part of the affidavit. If we do not hear from you in this regard within the specified period, the report will be placed in the Public Document Room.

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

George H. Smith

George H. Smith, Chief
Fuel Facility and Materials Safety
Branch

Enclosures:
1. Appendix A, Notice of Violation
2. Office of Inspection and Enforcement Inspection
Report Number 78-17

cc w/encl:
W. George, Assistant Vice President and Manager,
Metallurgical Materials Division