



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

PDR  
Doc # 70-33

8005210582

APR 25 1980

MEMORANDUM FOR: W. T. Crow, Section Leader  
Uranium Process Licensing Section  
Uranium Fuel Licensing Branch

FROM: A. L. Soong  
Uranium Process Licensing Section  
Uranium Fuel Licensing Branch

SUBJECT: TRIP REPORT

Purpose

To visit the Texas Instruments Company fuel fabrication plant in Attleboro, Massachusetts, and to observe an inspection of the plant with Mr. Percy Clemons of Region I, Office of Inspection and Enforcement.

Place and Date

TI Plant near Attleboro, Massachusetts, March 12-14, 1980.

Discussion

During the morning of March 13, 1980, A. L. Soong and P. Clemons toured the facilities with the TI's staff. They are: Mr. F. Sherman, Manager of the HFIR Project; Mr. R. Schevensfeir, Manager of Nuclear Safety; Mr. D. Talan, Nuclear Material and Safety Officer. Messrs. Schevensfeir and Talan explained in detail the mode of each operation and safety controls for the process equipment in the facilities. We saw six recently installed fixed air samplers in the FMA areas and each sampler was equipped with a rotameter as specified in Reg. Guide 8.24.

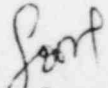
The items that were examined by Mr. Clemons were:

1. Records of shipments (1978 to the present). The inspector found out that the two shipments made on or about March 2, 1980, did not have completed set of documents as specified in the certificates of compliance #5797 and #9853, respectively, for the shipments.

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2. All records of TI audits from March to December 1979.
3. Records of personnel dosimetry (March to December 1979).
4. Reviewed a report of an unusual event which took place on March 4, 1980. A tray containing 24 "charges", each of which contains about 20 gm of U-235, was dropped in the press room of the FMA area. According to the report, no overexposure was recorded.
5. Bioassay Program (March to December 1979).
6. Record for BZ samples (March to December 1979).
7. Calibration of radiation detecting instruments and criticality alarm for 1979.
8. Stack release data (April to December 1979).
9. Respiratory Training and records.
10. Annual training for 1979.
11. TI workers' termination reports.
12. Posting.
13. Ventilation in the FMA area, the inspection was conducted by actually measuring flow rate and its direction.
14. Smear samples in clean area.
15. Release of equipment from FMA area.
16. Receipt of radioactive material by TI.

The results of the inspection will be reported by Region I.

  
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