

JUL 11 1991

Docket No. 70-33

Texas Instruments Incorporated
ATTN: Mr. Frank J. Veale, Jr.
Manager, Environmental Engineering
Industrial Hygiene
Metal and Controls Group
34 Forest Street
Attleboro, Massachusetts 02703

Dear Mr. Veale:

Subject: Telephone Discussion of July 5, 1991

This letter refers to the telephone discussion between Mr. M. Elliott of your staff and Mr. J. Roth of this office on July 5, 1991. During that telephone discussion Mr. Roth was informed that you had not received the attachments to our letter of June 20, 1991. Attached to this letter you will find an additional copy of our June 20, 1991 letter with the attachments.

We must apologize for any inconvenience caused by this omission.

Sincerely,

Original Signed By:
James H. Joyner

James H. Joyner, Chief
Facilities Radiological Safety
and Safeguards Branch
Division of Radiation Safety
and Safeguards

Attachments: As stated

cc w/attachments:
Public Document Room (PDR)
Local Public Document Room (LPDR)
Nuclear Safety Information Center (NSIC)
Commonwealth of Massachusetts (2)

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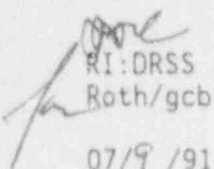
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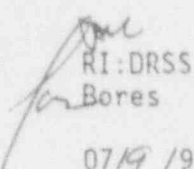
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JUL 10 1991


bcc w/attachments:
Region I Docket Room (with concurrences)
Management Assistant, DRMA (w/o encls)
A. M. Huffert, NRC-NMSS
E. Shum, NRC-NMSS
J. Roth, DRSS


RI:DRSS
Roth/gcb

07/9/91


RI:DRSS
Bores

07/9/91
OFFICIAL RECORD COPY


RI:DRSS
Joyner

07/10/91
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07/09/91

U. S. NUCLEAR REGULATORY COMMISSION
REGION I

Report No. 70-33/91-01

Docket No. 70-33

License No. SNM-23

Priority 1

Category UHFF

Licensee: Texas Instruments Incorporated
34 Forest Street
Attleboro, Massachusetts 02702

Facility Name: HFIR Projects

Type of Meeting: Management Meeting

Meeting Date: May 28, 1991

Inspector :

J. Roth
J. Roth, Project Engineer, Effluents Radiation
Protection Section, Facilities Radiological
Safety and Safeguards Branch, Division of
Radiation Safety and Safeguards

6/14/91
date

Approved by:

Robert J. Boes
R. J. Boes, Chief, Effluents Radiation
Protection Section, Facilities Radiological
Safety and Safeguards Branch, Division of
Radiation Safety and Safeguards

6/18/91
date

Meeting Summary: A management meeting was held at Region I, King of Prussia, Pennsylvania, on May 28, 1991 at the licensee's request to discuss the licensee's actions with regard to cleaning up identified areas of contaminated soil at the Attleboro, Massachusetts site. Also discussed were issues pertaining to decommissioning criteria and options for license termination.

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DETAILS

1.0 Meeting Attendees

1.1 Texas Instruments

M. J. Elliott, Manager of Environmental Engineering
F. J. Veale, Jr., Esq., Environmental Attorney and Manager
of Safety, Industrial Hygiene and Environmental Engineering

1.2 Nuclear Regulatory Commission

J. H. Joyner, Chief, Facilities Radiological Safety and
Safeguards Branch (FRS&SB), Division of Radiation Safety
and Safeguards (DRSS)
R. J. Bores, Chief, Effluents Radiation Protection Section (ERPS),
FRS&SB, DRSS
J. Roth, Project Engineer, ERPS, FRS&SB, DRSS
M. Austin, Radiation Specialist, ERPS, FRS&SB, DRSS

2.0 Summary of Discussion

Dr. Bores opened the meeting and thanked the licensee's representatives for attending the meeting. The purpose of the meeting was for the licensee to present the status of plans for remediating contaminated areas of the site. These contaminated areas were previously identified by the NRC as a result of a confirmatory survey conducted during 1984. A description of recent activities completed and/or contemplated by the licensee is attached (Attachment 1). Messrs. Elliott and Veale provided information on the status of actions taken to date to remediate the Attleboro site. Discussions were also held concerning the decommissioning criteria which were applicable to the site and options available to Texas Instruments with regard to license termination as discussed in a May 13, 1991 letter to the NRC (Attachment 2). In addition, Mr. Veale provided an update on actions taken by Texas Instruments and others with regard to the Shapack Landfill located in Norton, Massachusetts.

3.0 Conclusions

Dr. Bores concluded the meeting by thanking the licensee representatives for the information provided. The licensee was informed that they were expected to meet the decommissioning criteria provided for soil in the Branch Technical position of 1981 and the "Guidelines for Decontamination of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of Licenses for Byproduct, Source, or Special Nuclear Material", dated July 1976, which were previously provided. Upon completion of these activities, the licensee was expected to provide a final survey report to the NRC. The licensee was also informed that the NRC contact point for any licensing actions continued to be the NRC Region I office.

ACTIVITIES SINCE SUBMITTING SCOPE OF WORK:

- O Developed Draft RFP April 8, 1991
 - Fixed price, turn-key project
 - Based on findings in the 1985 ORAU report
- O Held preliminary discussions with potential contractors:
 - Nuclear Energy Services April 15, 1991
Danbury, CT
 - Nuclear Metals Incorporated April 15, 1991
Concord, MA
 - General Dynamics Services Company April 26, 1991
Mystic, CT
 - American NuKEM Corporation May 3, 1991
- O Held discussions with facilities facing similar decommissioning activities. Discussions focussed on decommissioning strategies, remediation technologies, available funding and the like.
 - Jack Moulton, Senior Consultant April 30, 1991
ABB Combustion Engineering Nuclear Power
Windsor, CT
 - Don Barbour, Mgr. L.L.R.W. Services May 17, 1991
Frank Vumbaco, Mgr., Health & Radiation Safety
Nuclear Metals Incorporated
Concord, MA

Also in attendance:
Jack Moulton, ABB Combustion Engineering
- O Plan to attend next Fuel Cycle Facilities Forum meeting.
 - Johnson City, TN June 11-12, 1991

TEXAS
INSTRUMENTS

May 13, 1991

Mr. Jerry Roth
Nuclear Regulatory Commission
Region I
475 Allendale Rd.
King of Prussia, PA 19406

Dear Mr. Roth:

Pursuant to a phone conversation with Mr. Bores, I am writing to confirm our meeting on 28 May 1991 at 2:00 PM at the Region I office of the NRC in King of Prussia, Pennsylvania, and to elaborate upon the purpose of the visit. It is anticipated that TI will be represented at this meeting by Francis J. Veale Jr., Esq, Environmental Attorney and Manager of Safety, Industrial Hygiene and Environmental Engineering for the Materials and Controls Group, and myself, Manager of Environmental Engineering.

During the past few weeks, TI has invited several remediation contractors who deal specifically with low level radioactive waste to visit the Attleboro site and express their views concerning clean-up strategy. As a result of these discussions, several questions have arisen concerning the relationship and applicability of various regulations and guidelines.

For instance, how exactly does Reg Guide 1.86, written for reactor facilities, pertain to the TI site? As concerns the allowable levels of residual radioactive materials in soils, what is the relationship between the Branch Technical Position Of 1981 and the NUREG/CR-5512 document of 1990? Will the decision on license termination depend upon compliance with Reg Guide 1.86 or the "Below Regulatory Concern" policy?

More importantly, perhaps, what other options might TI pursue to achieve license termination? And ultimately, is license termination absolutely required, or are there other decommissioning strategies which might allow for institutional control and/or continuous maintenance and monitoring?

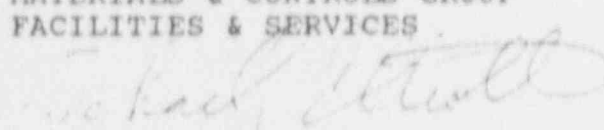
TI is committed to act in a manner which protects both the public health and the environment. By engaging in these discussions with the NRC, we hope to clarify some of the fundamental issues and proceed toward a solution that ensures a job well done.

Mr. Jerry Roth
May 13, 1991
Page 2

Please do not hesitate to call if there are many questions or concerns.

Very truly yours,

MATERIALS & CONTROLS GROUP
FACILITIES & SERVICES



Michael J. Elliott
Manager of Environmental Engineering

MJE:aa

cc: Mr. Mike Austin, USNRC, Region I
Mr. Robert Bores, US NRC, Region I
Mr. Daniel V. Bartosh, Jr., TI Dallas
Mr. John O'Donnell, TI Dallas
Mr. Robert W. Sorgel, TI Attleboro
Mr. Francis J. Veale Jr., Esq., TI Attleboro



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406

Docket No. 70-33

JUN 20 1991

Texas Instruments Incorporated
ATTN: Mr. Frank J. Veale, Jr.
Manager, Environmental Engineering
Industrial Hygiene
Metal and Controls Group
34 Forest Street
Attleboro, Massachusetts 02703

Dear Mr. Veale:

Subject: May 28, 1991 Management Meeting Summary Report No. 70-33/91-01

This letter transmits a meeting report which summarizes our discussions with you and Mr. M. Elliott of your staff during a meeting held in the NRC Region I offices on May 28, 1991. At that meeting you provided information concerning actions taken with regard to cleaning up identified areas of contaminated soil located on the south side of Building 12 at the Attleboro, Massachusetts site. We found this meeting useful in understanding the status of activities at the Attleboro site with regard to License No. SNM-23.

Sincerely,

for James H. Joyner, Chief
Facilities Radiological Safety
and Safeguards Branch
Division of Radiation Safety
and Safeguards

Enclosures:

1. NRC Region I Meeting Summary Report No. 70-33/91-01
2. Information Presented by Westinghouse Personnel

Texas Instruments

cc w/encls:

Public Document Room (PDR)
Local Public Document Room (LPDR)
Nuclear Safety Information Center (NSIC)
Commonwealth of Massachusetts (2)

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