

NONDESTRUCTIVE TESTING

September 24, 1985

MS 16
K2

STEEL INSPECTION

Mr. Jack Davis
United States Nuclear Regulatory Commission
Section A
Division of Engineering and Technical Programs
631 Park Ave
King of Prussia, PA 19406

FAILURE ANALYSIS

WELD INSPECTION

Mr. Davis,

Enclosed please find the changes you suggested
on our amendment .

WELD PROCEDURE AND
WELDER QUALIFICATION

I hope you find them satisfactory. If you have
any other comments or questions please call me.

Thank you for your assistance in this matter.

INSURANCE INVESTIGATION

Sincerely,



David Kidney

Radiation Safety Officer

METALLURGICAL ANALYSIS

CORROSION MEASUREMENT
AND STUDIES

dk/tm

enc.

SKI AREA INSPECTION

NDT TRAINING

CONSULTING

8510240485 851003
REG1 LIC30
06-20755-01 PDR

04386

"OFFICIAL RECORD COPY"

QUALITY ASSURANCE
PROGRAMS

SEP 27 1985

ML10

TRUTOM NONDESTRUCTIVE TESTING SERVICES

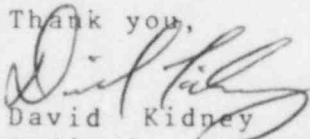
September 24, 1985

TO: All Trutom Radiographers and Assistant Radiographers
FROM: David Kidney

When filling out the "Result of Physical Survey" section of the Utilization Log please record MR as MR/HR. The Utilization Logs shall be changed in the near future, in the meantime please make the change yourself and record readings accordingly.

A copy of the corrected form is attached. If you have and questions please contact me immediately.

Thank you,


David Kidney
Radiation Safety Officer

Please acknowledge receipt of this material by signing and returning a copy of this memo to D. Kidney.

I have read the above memo and will comply with all instructions therein. Any questions I have are indicated below.

Questions:

Signature

APPENDIX A



(U S) LIMITED

TESTING SERVICES

EQUIPMENT UTILIZATION LOG

WARNING - INTENTIONAL FAILURE TO RECORD
INFORMATION ACCURATELY ON THIS FORM CAN RESULT
IN A FINE AND/OR DISCIPLINARY ACTION.

DATE _____ CITY _____ STATE _____

PROJECT	CUSTOMER

SOURCE OF RADIATION

IR-192 ☐CO 60 ☐X RAY ☐

S/N

SN

S/N

S/N

EXPOSURE
DEVICE
MODEL NO.

S/N

ACTIVITY
OF SOURCE

CURIE

SURVEY
INSTRUMENT
MODEL NO.

S/N

VOID
DATE

RADIOGRAPHIC EQUIPMENT INSPECTED
IN ACCORDANCE WITH TRUTOM PRO-
CEDURE T78-45 LATEST REV. APPENDIX
H DAILY CHECK LIST.

INSPECTION COMPLETED BY _____

RECORD OF PHYSICAL SURVEY MADE TO DETERMINE
SOURCE IS IN SHIELDED POSITION PRIOR TO
SECURING EXPOSURE DEVICE.

IR-192 _____ MR/HR @ 6' FROM SURFACE

CO 60 _____ MR/HR @ SURFACE OF EXPOSURE DEVICE

TOTAL EXPOSURE
TIME FOR THIS DAY _____ HRS. _____ MINS.

PERSONNEL
INFORMED

RADIOGRAPHER

RADIOGRAPHER 5
ASSISTANT

SERIAL NO.
OF DOSIMETER

AND

TOTAL
MR RECORDED STARY

FINISH

MR

AND START

FISH

MIR

FILM BADGE
AND SERIAL NO.

AND

REMARKS

SURVEY OF TRANSPORTING VEHICLE

M 类: 4 类
 ② D 类: 5 类

外表面
OUTSIDE SURFACE

1. ET, FRONT SURFACE

APPENDIX A, Continued

- | | |
|--------------------------------|---|
| <u>Value</u>

4 pts. ea. | <p>16. Why do you need a film badge?
ANS: Permanent record of exposure.</p> <p>17. Why do you need a dosimeter?
ANS: Gives instant read-out of dose received.</p> <p>18. As a radiographer's assistant, when are you permitted to do radiography in the field by yourself?
ANS: Never</p> <p>19. a. What is a "restricted area"?
ANS: Any area where a person could receive 2 MR in an hour.</p> <p>b. If you are asked to check the "radiation area" boundaries by the radiographer, what would you do?
ANS: Use a survey meter and walk along boundaries; report readings.</p> <p>20. a. What is a "high radiation area"?
ANS: Any area where a person could receive 100 MR in one hour.</p> <p>b. When do you survey "high radiation" areas?
ANS: Never</p> <p>21. If the source cannot be retracted you should first:
a. call police
b. call fire dept.
c. restrict radiation area
d. call RSO
<u>e. do as radiographer directs</u></p> <p>22. If you cannot find your film badge and dosimeter, you can just use the readings of the radiographer. True or False?
ANS: False</p> <p>23. a. When can you approach the source without a survey meter?
ANS: Never</p> <p>b. When you pick up a survey meter, what is the first thing that you should do?
ANS: Check the batteries.</p> <p>24. How can you tell that the source is exposed without using a survey meter?
ANS: You can't.</p> <p>25. What is an emergency?
ANS: When source will not retract by normal means.</p> |
|--------------------------------|---|

APPENDIX B, Continued

- | | |
|---|---|
| <p><u>Value</u></p> <p>6.6 pts. ea.</p> | <p>9. Demonstrate posting of "high-radiation" area.</p> <p>ANS: Should consult with radiographer on location. Should use proper posting and roping technique. Should understand that high-radiation areas must be locked or physically guarded.</p> <p>10. Demonstrate posting of "radiation area".</p> <p>ANS: Should consult radiographer. Should use proper technique for posting and roping.</p> <p>11. Demonstrate technique for verifying radiation boundaries on first exposure.</p> <p>ANS: Should survey boundaries and make adjustments as required.</p> <p>12. Ask trainee to move to different location for exposure.</p> <p>ANS: Should understand that boundaries will change and should consult radiographer. Should survey new boundaries.</p> <p>13. Ask trainee to demonstrate how he can reduce the restricted area.</p> <p>ANS: Should understand how to use additional shielding. Different collimators and/or lead sheets, or other available shielding.</p> <p>14. Ask trainee how he would react if someone at the site walked through the radiation boundaries:</p> <p>ANS: Immediately secure source. Notify radiographer.</p> <p>15. Demonstrate what you should do if you drop a dosimeter.</p> <p>ANS: Read to see if discharged. If discharged, recharge and notify the Radiation Safety Officer.</p> |
|---|---|

CONVERSATION RECORD

TIME

DATE

9/24/85

TYPE

☐ VISIT

☐ CONFERENCE

☒ TELEPHONE

☐ INCOMING

☐ OUTGOING

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

ORGANIZATION (Office, dept., bureau, etc.)

TELEPHONE NO.

Dave Kidney

Trutom

SUBJECT

Request for amendment dated 9-6-85

ROUTING

NAME/SYMBOL

INT

SUMMARY

Will confirm:

① Appendix A [Equipment Utilization Log]

that the results of physical exams will be mr/hr NOT mr

② Q-19 on Red Ass't TEST will ~~have the~~

answer changed to 5mr in any one hour.

③ Q-15 on Red Ass't Field Exam

will have answer changed to notify RSO

Will submit confirmation today.

ACTION REQUIRED

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

John Davis

John Davis

9/24/85

ACTION TAKEN

SIGNATURE

"OFFICIAL RECORD COPY"

DATE

MLT

BETWEEN: William O. Miller, Chief
License Fee Management Branch
Office of Administration -

John E. Glenn, Chief
Nuclear Materials Section B
Division of Engineering and
Technical Programs

LICENSE FEE TRANSMITTAL

A. REGION 1

1. APPLICATION ATTACHED

Applicant/Licensee: Trutem (U.S.) Limited

Application Dated: 9/6/85

Control No.: 104386

License No.: 06-20755-01

2. FEE ATTACHED

Amount: \$230.00

Check No.: 442

3. COMMENTS

LMS 03v

03320

9/89

Signed Brenda P. Latchek

Date 9/16/85

B. LICENSE FEE MANAGEMENT BRANCH

1. Fee Category and Amount: 30 - \$230

2. Correct Fee Paid. Application may be processed for:

Amendment ✓

Renewal

License

Signed G. Jackson

Date 9/24/85