

**NIC TESTING SERVICES INC.**

4621 Royal Avenue • P.O. Box 10 • Coraopolis, Pennsylvania 15108 • 412-262-3092

June 4, 1985  
186-85-M

United States Nuclear Regulatory Commission  
Region 1  
631 Park Avenue  
King of Prussia, Pa. 19406

Attention: Mr. John D. Kinneman, Chief  
Nuclear Materials, Safety Section A  
Division of Radiation Safety and Safegaurds

Subject: Response to your Notice of Violation, Appendix A, Docket No. 030-20819 in regards to Inspection No. 85-01 of NIC Testing Services, License No. 37-18348-02.

Gentlemen:

Due to our misinterpretation of 10 CFR 34.43 (c), NIC Testing Services radiographic personnel had been instructed to record on our Daily Utilization Report the last survey prior to storing the radiographic exposure device.

Surveys of the last exposure prior to locking the device and ending direct surveillance of the operation have always been performed, in accordance with our Radiation Safety Manual, but were not documented.

In order to correct this situation, our Daily Utilization Report was revised to add an exposure unit survey for the final exposure of the shift. See attached copy - Exhibit G.1 Rev.1.

All active Radiographers were informed of this revision. Annual Radiation Safety Training will include this survey and proper completion of the Daily Utilization Report.

This change became effective on April 2, 1985.

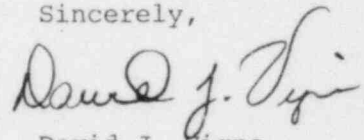
Daily Utilization Reports on file for radiography conducted since 4-2-85 contain the last survey of the exposure device prior to locking the device and ending direct surveillance of the operation.

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It is hoped that this response is satisfactory.

Please do not hesitate to contact this office if you need additional information.

Sincerely,



David J. Vigne  
Radiation Safety Officer

Encl: Exhibit G.1(1)

cc: G. R. Elder  
D. L. Hecksel  
R. P. Wiesen III

DJV/gY



## DAILY UTILIZATION REPORT

Date \_\_\_\_\_

Radiographer \_\_\_\_\_ Dosimeter S/N \_\_\_\_\_ Daily Exp. \_\_\_\_\_ F.B.# \_\_\_\_\_

Radiographer Asst. \_\_\_\_\_ Dosimeter S/N \_\_\_\_\_ Daily Exp. \_\_\_\_\_ F.B.# \_\_\_\_\_

Utilization

Customer \_\_\_\_\_ Location \_\_\_\_\_

Exposure Unit: Model \_\_\_\_\_ S/N \_\_\_\_\_

Source No. \_\_\_\_\_ Source Strength \_\_\_\_\_ Curies \_\_\_\_\_

Survey Instruments:

Radiographer - Model \_\_\_\_\_ S/N \_\_\_\_\_ Calib.Due \_\_\_\_\_

Radiographer Asst.-Model \_\_\_\_\_ S/N \_\_\_\_\_ Calib.Due \_\_\_\_\_

Radiography location \_\_\_\_\_

Start Time \_\_\_\_\_ Stop Time \_\_\_\_\_ No. of exposures \_\_\_\_\_

Transportation:

To Job Location: Vehicle No. \_\_\_\_\_ Driver \_\_\_\_\_

Survey Results: Exterior of Vehicle \_\_\_\_\_

Drivers Compartment \_\_\_\_\_

Vehicle properly posted \_\_\_\_\_

Start time \_\_\_\_\_ Stop time \_\_\_\_\_

From Job Location: Vehicle No. \_\_\_\_\_ Driver \_\_\_\_\_

Survey Results: Exterior of Vehicle \_\_\_\_\_

Drivers Compartment \_\_\_\_\_

Vehicle properly posted \_\_\_\_\_

Start Time \_\_\_\_\_ Stop Time \_\_\_\_\_

Storage

Storage location \_\_\_\_\_ Survey Results \_\_\_\_\_

Exposure Unit Survey

Contact 6 inches 1M

1. At Beginning of Day (Initial) \_\_\_\_\_

2. Final Exposure of Shift \_\_\_\_\_

3. End of Day (Final) \_\_\_\_\_

Daily Maintenance

Has Checklist on back side been completed \_\_\_\_\_

Radiographer \_\_\_\_\_

# DAILY INSPECTION CHECKLIST

	SAT	UNSAT
I. <u>Prior to Use:</u>		
a. Examine operating control handle for damage	---	---
b. Turn crank to and fro to assure freedom of movement.	---	---
c. Examine control cables along their length for possible kinks.	---	---
d. Assure that all connections are tightened.	---	---
e. Check connectors on the drive cable for breaks and bends.	---	---
f. When connecting, pull back on drive cable to assure some measure of strength.	---	---
g. Assure that outer drive cable is connected securely to the exposure device.	---	---
h. Examine source tube for possible kinks and that connectors of source tip to tube and tube to device are secure.	---	---
i. Check freedom of movement of the lock on the exposure device.	---	---
j. Overall condition of equipment.	---	---

## II. During Use:

a. Observe operation of device.	---	---
b. Perform required survey.	---	---

NOTE: Should there be any difficulty encountered in either the smooth operation of the device or abnormal radiation or readings, cease operations immediately and report the discrepancy to the Lead Radiographer or RSO.

## III. After Use:

a. Examine operating control handle for damage.	---	---
b. Examine control cables along their length for possible kinks.	---	---
c. Assure that all connectors are tightened.	---	---
d. Check connectors on the drive cable for breaks and bends.	---	---
e. Examine source tube for possible kinks.	---	---
f. Upon disconnecting source tube from device, insert shipping plug. Place dust covers on the end of the source tube.	---	---
g. Overall condition of equipment.	---	---

RECEIVED-RESEARCH  
1505 JUN -7 PM 3:27

Radiographer: \_\_\_\_\_ Date: \_\_\_\_\_