



# The City of Lynchburg, Virginia

ATLANTA, GEORGIA

CITY HALL, LYNCHBURG, VIRGINIA 24505

THE CITY OF SEVEN HILLS  
8 P 1: 51

September 3, 1982

DEPARTMENT OF PUBLIC WORKS  
ENGINEERING

Mr. John A. Olshinski, Director  
Div. of Engineering & Technical Programs  
United States Nuclear Regulatory Commission  
Region 2  
101 Marietta Street, N.W.  
Suite 3100  
Atlanta, Georgia 30303

Re: Report No. 45-19651-01/82-01

Dear Mr. Olshinski:

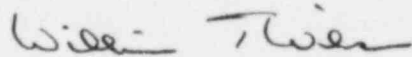
This letter is in reference to the routine Safety Inspection conducted by Mr. R. A. Brown of your department on August 9, 1982, and your resulting letter of August 27, 1982 involving the City of Lynchburg's NRC License No. 45-19651-01. As per the provisions of 10CFR2.201 we are hereby submitting to your office a written statement explaining and answering the violation.

1. There is no doubt, as shown by your inspection, that the violation noted in your letter of August 27 was not completed semi-annually as required.
2. The violation was an inadvertent and unintentional oversight by those people responsible for the care and maintenance of our Nuclear Compaction Gauge.
3. On August 11, 1982 we took the appropriate action necessary to take a Leak Test Analysis and have received the results back from the testing laboratory. The results are attached.
4. A person now has been assigned complete control and responsibility for the Leak Test results and for the care and maintenance of the Nuclear Compaction Gauge. See attached memorandum.
5. Compliance with the Notice of Violation was made on 8/11/82.

Mr. John A. Olshinski, Director  
Pg. 2  
September 3, 1982

With the initiation of this program and the completion of the Leak Test Analysis, we should be back into full compliance with our NRC License. Should you have any questions concerning the above actions or this letter, we will be glad to discuss them with you.

Sincerely,



William T. Wilson, P.E.  
Construction Engineer

WTW:gm

cc: J.O. Renalds, III, P.E.  
Aubrey New

Radionuclide: Gamma/Neutron  
Source Serial: CAA 4035/CC-4955  
Inst. Model: 3411-B  
Inst. Serial: 7739  
Date of Wipe: 8-11-82  
Individual's Name: R.L. Wyatt  
Telephone: 804/847-1360

PLEASE TYPE OR PRINT LEGIBLY -  
THIS IS YOUR RETURN ADDRESS LABEL

- City of Lynchburg - Public Works - Engineering
- Construction Engineer - City Hall
- Lynchburg, Virginia 24504
- 

Troxler Electronic Laboratories, Inc., P.O. Box 12057, Research Triangle Park, N.C. 27709 919/549-8661 Telex 579474

### Leak Test Analysis

| Removable Activity   |                      |
|----------------------|----------------------|
| Beta Gamma           | Alpha                |
| _____ $\mu\text{Ci}$ | _____ $\mu\text{Ci}$ |
| _____                |                      |
| Certification        |                      |
| Date: _____          |                      |

### NOTES

1. Follow procedures as defined in your leak test kit instructions.
2. Fill out this form and the bag label with required information where applicable. Seal the filter paper in the plastic bag. Place the plastic bag and this form in the pre-addressed envelope.
3. Removable activity will be reported in  $\mu\text{Ci}$ . A value of "0" indicates less than  $.00005 \mu\text{Ci}$ .
4. Federal and state regulations require that sealed sources be removed from service and reports filed if removable activity is greater than  $.005 \mu\text{Ci}$ .
5. Due to the potential hazard, Troxler recommends that an additional wipe be made if removable activity exceeds  $.0005 \mu\text{Ci}$ .
6. You will be notified by telephone collect if the test yields greater than  $.001 \mu\text{Ci}$  removable activity.

Radionuclide: Gamma/Neutron  
Source Serial: CAA4035/CC-4955  
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### Leak Test Analysis

| Removable Activity               |                         |
|----------------------------------|-------------------------|
| Beta Gamma                       | Alpha                   |
| <u>0</u> $\mu\text{Ci}$          | <u>0</u> $\mu\text{Ci}$ |
| <u>J. Swell</u><br>Certification |                         |
| Date: <u>8/16/82</u>             |                         |

### NOTES

1. Follow procedures as defined in your leak test kit instructions.
2. Fill out this form and the bag label with required information where applicable. Seal the filter paper in the plastic bag. Place the plastic bag and this form in the pre-addressed envelope.
3. Removable activity will be reported in  $\mu\text{Ci}$ . A value of "0" indicates less than .00005  $\mu\text{Ci}$ .
4. Federal and state regulations require that sealed sources, be removed from service and reports filed if removable activity is greater than .005  $\mu\text{Ci}$ .
5. Due to the potential hazard, Troxler recommends that an additional wipe be made if removable activity exceeds .0005  $\mu\text{Ci}$ .
6. You will be notified by telephone collect if the test yields greater than .001  $\mu\text{Ci}$  removable activity.

ORIGINAL



The City of Lynchburg, Virginia

MEMORANDUM

TO: Aubrey New  
FROM: William T. Wilson, P.E. *W.T.W.*  
DATE: August 12, 1982  
SUBJECT: Nuclear Compaction Gauge  
REFERENCE:  
FILE:

LOCATION: Construction Engineering Assistant

LOCATION: Construction Engineer

Reference is made to the surprise inspection by Mr. Robert A. Brown, Nuclear Regulatory Commission on Monday, August 9, 1982.

Effective immediately, you will assume the additional responsibilities as the sole coordinator for the Nuclear Compaction Gauge. These responsibilities will include the security and other ancillary testing inventory, licensing and other pertinent matters pertaining to the Nuclear Compaction Gauge. You will maintain an accurate and up-to-date file on all license, tests, and inventories taken on the Nuclear Compaction Gauge as well as all the individual dosimetry records and recordkeeping for the badges.

cc: J.O. Renalds, III, P.E.