

16 SEP 1981

Docket Nos. 30-11579  
30-5278 ✓  
30-14548

United States Testing Company, Inc.  
ATTN: Mr. Carl Yoder  
Vice President  
1415 Park Avenue  
Hoboken, New Jersey 07030

Gentlemen:

Subject: Inspection Nos. 30-11579/81-01; 30-5278/81-01; 30-14548/81-01 and  
30-11579/80-02

This refers to the routine, safety inspection conducted by Mr. C. Rowe of this office on July 1, 1981 of activities authorized by NRC License Nos. 37-15445-02, 28-02477-05 and 29-02477-07 and to the discussions of our findings held by Mr. Rowe with yourself at the conclusion of the inspection. This also refers to an inspection by Messrs. Oberg and Douglas of our Region III office at a field site in Clinton, Illinois on December 12, 1980.

The inspection was an examination of activities conducted under your licenses as they relate to radiation safety and to compliance with the Commission's rules and regulations and the conditions of your licenses. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector.

The inspection of License No. 37-15445-02 on July 1, 1981 was limited to a review of the records maintained in your corporate office and discussion of your report on the results of your investigation of a reported high film badge reading which occurred at your field site in Clinton, Illinois. This matter will be further reviewed during inspections at that location in the future.

Based on the results of this inspection, it appears that one of your activities was not conducted in full compliance with NRC requirements, as set forth in the Notice of Violation, enclosed herewith as Appendix A. This item of noncompliance has been categorized into the levels described in the Federal Register Notice (45 FR 66754) dated October 7, 1980. You are required to respond to this letter and in preparing your response, you should follow the instructions in Appendix A.

*f*  
R. BETT  
Rowe:ny  
8/29/81

*f*  
R. BETT  
Kinneman  
9/14/81

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In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and your reply will be placed in the Public Document Room.

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,



John D. Kinneman, Chief, Materials  
Radiological Protection Section,  
Technical Inspection Branch

Enclosure: Appendix A, Notice of Violation

cc w/encl:  
Public Document Room (PDR)  
Nuclear Safety Information Center (NSIC)  
State of New Jersey  
State of Illinois

bcc w/encl:  
Region I Docket Room (w/concurrences)  
Chief, Operational Support Section (w/o encl)

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APPENDIX A

NOTICE OF VIOLATION

United States Testing Company, Inc.  
Hoboken, New Jersey 07030

Docket No. 30-11579  
License No. 37-15445-02

As a result of the inspection conducted on December 12, 1980, at a field site in Clinton, Illinois, and in accordance with the Interim Enforcement Policy, 45 FR 66754 (October 7, 1980), the following violation was identified:

10 CFR 34.41 requires that during each radiographic operation the radiographer or radiographer's assistant maintain direct surveillance of the operation to protect against unauthorized entry into a high radiation area.

Condition 17 of License No. 37-15445-02 requires that licensed material be possessed and used in accordance with statements, representations and procedures contained in an application dated November 21, 1979 and letters dated December 18, 1979, November 6, 1980 and November 17, 1980. Included with the November 6, 1980 letter are your Operating Procedures.

Paragraph 1.B in Attachment C of your Operating Procedures states, "Personnel who have no need to enter a restricted area or who are not adequately monitored and aware of the radiation field must not be allowed to enter a restricted area. If unauthorized personnel cannot be prevented from entering the area, the source must be immediately returned to its shielded position."

Paragraphs 2.A and 2.B of the same reference state:

"2.A A "Restricted Area" is that area into which the radiographer must control access for the purposes of radiation safety. This restriction must be extended to include those areas containing radiation levels such that a person continuously present in that area could receive an exposure in excess of 2 mrem in any one (1) hour.

2.B All restricted areas must be kept under constant surveillance to prevent unauthorized individuals from entering this area, unless the area can be secured for positive control."

Contrary to these requirements, on November 24, 1980, you did not provide adequate surveillance to protect against unauthorized entry into the restricted area of the posted reactor containment in which radiographic operations were being performed at a field site in Clinton, Illinois. At least seven, unmonitored, unauthorized individuals were observed to be on a lower level of the restricted area during the operation.

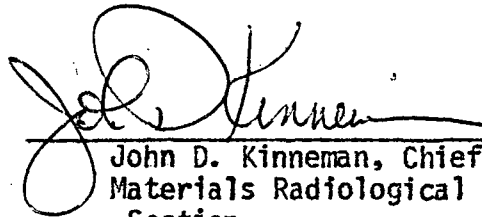
This is a Severity Level IV Violation (Supplement VII).

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PERSONNEL							
DATE							

Pursuant to the provisions of 10 CFR 2.201, United States Testing Company, Inc. is hereby required to submit to this office within thirty days of the date of this Notice, a written statement or explanation in reply, including: (1) the corrective steps which have been taken and the results achieved; (2) corrective steps which will be taken to avoid further violations; and (3) the date when full compliance will be achieved. Under the authority of Section 182 of the Atomic Energy Act of 1954, as amended, this response shall be submitted under oath or affirmation. Where good cause is shown, consideration will be given to extending your response time.

The responses directed by this Notice are not subject to the Clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511.

Dated 16 SEP 1981



John D. Kinneman, Chief  
Materials Radiological Protection  
Section

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