



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532-4352

March 31, 2022

Mr. John Korienek  
Radiation Safety Officer  
Cal Testing Services, Inc.  
1945 North Griffith Boulevard  
Griffith, IN 46319

SUBJECT: NRC NON-ROUTINE INSPECTION REPORT NO. 03010856/2022001(DNMS)  
AND NOTICE OF VIOLATION – CAL TESTING SERVICES, INC.

Dear Mr. Korienek:

On February 10, 2022, an inspector from the U.S. Nuclear Regulatory Commission (NRC) conducted an inspection at a temporary job site in South Bend, Indiana. The purpose of the inspection was to review activities performed under your NRC license to ensure that activities were being performed in accordance with NRC requirements. Mr. Ryan Craffey of my staff conducted a final exit meeting by telephone with you on March 24, 2022, to discuss the inspection findings. This letter presents the results of the inspection.

During this inspection, the NRC staff examined activities conducted under your license related to public health and safety. Additionally, the staff examined your compliance with the Commission's rules and regulations as well as the conditions of your license. Within these areas, the inspection consisted of selected examination of procedures and representative records, observations of activities, and interviews with personnel.

Based on the results of this inspection, the NRC has determined that two Severity Level IV violations of NRC requirements occurred. The violations were evaluated in accordance with the NRC Enforcement Policy, a current version of which is included on the NRC's website at <http://www.nrc.gov/about-nrc/regulatory/enforcement/enforce-pol.html>. The violations concerned (1) the failure to ensure that the equipment was in good working condition as required by Title 10 of the *Code of Federal Regulations* (10 CFR) 34.31(a); and (2) the failure to perform surveys in the manner required by 10 CFR 34.49(b). The violations are cited in the enclosed Notice of Violation (Notice). The NRC is citing the violations in the enclosed Notice because the inspector identified them.

You are required to respond to this letter and should follow the instructions specified in the enclosed Notice when preparing your response. The guidance in NRC Information Notice 96-28, "Suggested Guidance Relating to Development and Implementation of Corrective Action," may be useful in preparing your response. You can find the Information Notice on the NRC website at: <http://www.nrc.gov/reading-rm/doc-collections/gen-comm/info-notices/1996/in96028.html>. The NRC will use your response, in part, to determine whether further enforcement action is necessary to ensure compliance with regulatory requirements.

In accordance with the NRC's "Rules of Practice" in 10 CFR 2.390, a copy of this letter, its enclosure, and your response will be made available electronically for public inspection in the NRC's Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, any response should not include any personal privacy, proprietary, or safeguards information so that it can be made publicly available without redaction.

Please feel free to contact Mr. Craffey of my staff if you have any questions regarding this inspection. Mr. Craffey can be reached at 630-829-9655 or [ryan.craffey@nrc.gov](mailto:ryan.craffey@nrc.gov).

Sincerely,

*Michael A. Kunowski* Signed by Kunowski, Michael  
on 03/31/22

Michael Kunowski, Chief  
Materials Inspection Branch  
Division of Nuclear Materials Safety

Docket No. 030-10856  
License No. 13-16347-01

Enclosure: Notice of Violation

cc w/encl: State of Indiana

Letter to John Korienek from Michael Kunowski dated, March 31, 2022.

DISTRIBUTION w/encl:

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Mohammed Shuaibi  
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**ADAMS Accession Number: ML22089A216**

OFFICE	RIII-DNMS		RIII-DNMS				
NAME	RCraffey		MKunowski				
DATE	03/30/22		03/31/22				

**OFFICIAL RECORD COPY**

## NOTICE OF VIOLATION

Cal Testing Services, Inc.  
Griffith, IN

License No. 13-16347-01  
Docket No. 030-10856

During a U.S. Nuclear Regulatory Commission (NRC) inspection conducted on February 10, 2022, two violations of NRC requirements were identified. In accordance with the NRC Enforcement Policy, the violations are listed below:

- A. Title 10 of the *Code of Federal Regulations* (10 CFR) 34.31(a) requires that the licensee perform visual and operability checks on survey meters, radiographic exposure devices, transport and storage containers, associated equipment, and source changers before use on each day the equipment is to be used to ensure that the equipment is in good working condition, that the sources are adequately shielded, and that required labeling is present. If equipment problems are found, the equipment must be removed from service until repaired.

Contrary to the above, on February 10, 2022, a radiographer, employed by the licensee, did not perform visual and operability checks to ensure that a QSA Global, Inc. Model 880D radiographic exposure device and associated equipment were in good working condition. Specifically, the radiographer used a drive cable to perform radiographic testing that was not in good working condition, as the outer spiral winding was worn, the inner core was corroded, and it remained bent at an angle exceeding 15 degrees when subjected to a flexibility test.

This is a Severity Level IV violation (NRC Enforcement Policy Section 6.3).

- B. Title 10 CFR 34.49(b) requires, in part, that the licensee survey the radiographic exposure device and the guide tube with a calibrated and operable radiation survey instrument after each radiographic exposure when approaching the device or guide tube. The survey must determine that the sealed source has returned to its shielded position.

Contrary to the above, on February 10, 2022, a radiographer, employed by the licensee, did not survey the radiographic exposure device or the guide tube to determine that the sealed source had been returned to its shielded position. Specifically, the radiographer observed readings from a survey meter that remained hanging at his waist when approaching the device or guide tube between exposures, and upon reaching the camera ceased to observe the meter's readings.

This is a Severity Level IV violation (NRC Enforcement Policy Section 6.3).

Pursuant to the provisions of 10 CFR 2.201, Cal Testing Services, Inc., is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001, with a copy to the Regional Administrator, Region III, within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include: (1) the reason for the violations, or, if contested, the basis for disputing the

Enclosure

violations or their severity level, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken, and (4) the date when full compliance will be achieved. Your response may reference or include previously docketed correspondence, if the correspondence adequately addresses the required response. If an adequate reply is not received within the time specified in this Notice, an order or a Demand for Information may be issued as to why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

Your response will be made available electronically for public inspection in the NRC Public Document Room or from the NRC Agencywide Documents Access and Management System (ADAMS), accessible from the NRC's website at <http://www.nrc.gov/reading-rm/adams.html>. Therefore, to the extent possible, the response should not include any personal privacy, proprietary, or safeguards information so that it can be made available to the Public without redaction.

If you contest this enforcement action, you should also provide a copy of your response, with the basis for your denial, to the Director, Office of Enforcement, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

In accordance with 10 CFR 19.11, you may be required to post this Notice within two working days of receipt.

Dated this 31<sup>st</sup> day of April 2022.