



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

March 21, 2018

Mr. Loren Rosenbeck, RSO  
Barr Engineering, Inc.  
d/b/a National Engineering and  
Architectural Services, Inc.  
2800 Corporate Exchange Drive  
Suite 240  
Columbus, OH 43231

SUBJECT: NRC SPECIAL INSPECTION REPORT NO. 03035054/2018001(DNMS) –  
BARR ENGINEERING, INC.

Dear Mr. Rosenbeck:

On February 27, 2018, an inspector from the U.S. Nuclear Regulatory Commission (NRC) conducted a special inspection at your Lansing, Michigan office, with continued in-office review through March 6, 2018. The purpose of the inspection was to review the events surrounding the transition between radiation safety officers (RSO) in November and December 2017. The in-office review included a review of information that was not available during the onsite visit concerning the transition. Mr. Geoffrey Warren of my staff conducted a final exit meeting by telephone with you on March 13, 2018 to discuss the inspection findings. This letter presents the results of the inspection.

Based on the results of this inspection, the NRC has determined that one violation of NRC requirements occurred. The violation was evaluated in accordance with the NRC Enforcement Policy. The current Enforcement Policy is included on the NRC's website at <http://www.nrc.gov/about-nrc/regulatory/enforcement/enforce-pol.html>. The violation concerned the failure to have the individual named as the RSO on your license fulfill the duties and responsibilities of the RSO from November 30, 2017, through January 9, 2018, as required by License Condition No. 11 to NRC License No. 34-26553-02, Amendment No. 11. The named RSO left employment at your company on November 30, 2017, and your company immediately appointed you as the new, qualified individual to serve as RSO. During the period where the listed RSO was no longer employed by your company, you did not use any of the gauges authorized under your NRC license and kept them secured in storage at your facility in Lansing, Michigan. Full compliance with the license was restored when your company submitted, on December 7, 2017, an amendment request to name you on the license as RSO, and the NRC issued Amendment No. 12 to the license naming you as the new RSO on January 10, 2018. Because your company immediately appointed a qualified individual to serve as RSO and did not use the gauges pending NRC review and approval of the new RSO, the NRC determined that the violation constituted a violation of minor significance that is not subject to enforcement action in accordance with Section 2 of the Enforcement Policy.

The inspector determined that the root cause of the violation was an oversight by management personnel in not acting to maintain an employee as RSO. As corrective actions to restore compliance and to prevent recurrence, as the current RSO, you will discuss this requirement with management personnel to ensure they understand and will act accordingly in the future.

The NRC has concluded that information regarding the reason for the violation, the corrective actions taken and planned to correct the violation and prevent recurrence, and the date when full compliance was achieved is already adequately addressed on the docket in this letter. Therefore, you are not required to respond to this letter unless the description herein does not accurately reflect your corrective actions or your position. In that case, or if you choose to respond, clearly mark your response as a "Reply to IR 03035054/2018001(DNMS)" and send it 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 this letter.

In accordance with Title 10 of the *Code of Federal Regulations* (CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter and your response, if you choose to provide one, 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, your 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. Warren of my staff if you have any questions regarding this inspection. Mr. Warren can be reached at 630-829-9742.

Sincerely,

/RA/

Aaron T. McCraw, Chief  
Materials Inspection Branch  
Division of Nuclear Materials Safety

Docket No. 030-35054  
License No. 34-26553-02

cc: State of Michigan  
State of Ohio

Letter to Loren Rosenbeck from Aaron T. McCraw, dated March 21, 2018

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BARR ENGINEERING, INC.

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OFFICE	RIII-DNMS		RIII-DNMS				
NAME	GWarren:rj		AMcCraw				
DATE	3/20/2018		3/21/2018				

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