



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

December 23, 2022

Mr. Jason Green  
Occupational Health & Safety Manager  
AK Steel Corporation – Dearborn Works  
4001 Miller Road  
Dearborn, MI 48121

SUBJECT: NRC ROUTINE INSPECTION REPORT NO. 03031548/2022001(DRSS) AND  
NOTICE OF VIOLATION – AK STEEL CORPORATION – DEARBORN WORKS

Dear Mr. Green:

On October 14, 2022, an inspector from the U.S. Nuclear Regulatory Commission (NRC) conducted a routine inspection at your facility in Dearborn, Michigan, with continued in-office review through November 17, 2022. 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. The in-office review included an evaluation of findings and corrective actions. Mr. Ryan Craffey of my staff conducted an exit meeting by telephone with Mr. Wayne Langdon of your staff on December 8, 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 one Severity Level IV violation of NRC requirements occurred. The violation was evaluated in accordance with the NRC Enforcement Policy, which is available on the NRC's website at <http://www.nrc.gov/about-nrc/regulatory/enforcement/enforce-pol.html>. The violation concerned the lack of an approved RSO per Condition 12 of NRC License No. 21-26151-01. The violation is cited in the enclosed Notice of Violation (Notice).

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. The effectiveness of your corrective actions to address the potential for recurrence of these violations will be of particular importance in this determination, as a similar violation was identified during the previous routine NRC inspection of your facility in 2018.

In accordance with the NRC's "Rules of Practice" in 10 CFR 2.390, a copy of this letter, its enclosure, and any response you provide 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 [ryan.craffey@nrc.gov](mailto:ryan.craffey@nrc.gov) or 630-829-9655.

Sincerely,



Signed by Edwards, Rhex  
on 12/23/22

Rhex A. Edwards, Chief  
Materials Inspection Branch  
Division of Radiological Safety and Security

Docket No. 030-31548  
License No. 21-26151-01

Enclosure:  
Notice of Violation

cc w/encl: Wayne Langdon  
State of Michigan

Letter to J. Green from R. Edwards, dated December 23, 2022.

SUBJECT: NRC INSPECTION REPORT NO. 03031548/2022001(DRSS) – AK STEEL CORPORATION – DEARBORN WORKS

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**ML22356A196**

OFFICE	RIII-DRSS		RIII-DRSS				
NAME	RCraffey		REdwards				
DATE	12/22/22		12/23/22				

**OFFICIAL RECORD COPY**

## NOTICE OF VIOLATION

AK Steel Corporation – Dearborn Works  
Dearborn, MI

License No. 21-26151-01  
Docket No. 030-31548

During a U.S. Nuclear Regulatory Commission (NRC) inspection conducted on October 14, 2022, with continued in-office review through November 17, 2022, one violation of NRC requirements was identified. In accordance with the NRC Enforcement Policy, the violation is listed below:

Condition 12 of Amendment No. 16 to NRC License No. 21-26151-01 dated April 26, 2021, identifies the approved Radiation Safety Officer (RSO) for the license.

Contrary to the above, between June 3, 2022, and October 18, 2022, AK Steel did not have an approved RSO. Specifically, the individual identified in Condition 12 left the licensee's employment on June 3, and the licensee did not request a new RSO be approved by the NRC until October 18, 2022.

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

Pursuant to the provisions of 10 CFR 2.201, AK Steel Corporation – Dearborn Works 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, IR 03031548/2022001(DRSS)" and should include: (1) the reason for the violation, or, if contested, the basis for disputing the violation or its 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 23<sup>rd</sup> day of December 2022.