



Materials Inspection Report

ADAMS Accession # ML24200A149

1. Licensee/Location Inspected: REC Advanced Silicon Materials, LLC 119140 Rick Jones Way Butte, MT 59702-3466 Report Number(s) 2024-001		2. NRC/Regional Office Region IV U. S. Nuclear Regulatory Commission 1600 E. Lamar Boulevard Arlington, TX 76011-4511	
3. Docket Number(s) 030-34579	4. License Number(s) 25-27572-01	5. Date(s) of Inspection 3/5/2024 - 7/2/2024	

LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- ☐ 1. Based on the inspection findings, no violations were identified.
- ☐ 2. Previous violation(s) closed.
- ☒ 3. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements, and were assessed at Severity Level IV, in accordance with the NRC Enforcement Policy.

A. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy were satisfied.

(Non-cited violation(s) was/were discussed involving the following requirement(s))

License Condition (LC)17 requires, in part, that the licensee shall not perform fixed gauge relocation. Contrary to the above, in July 2022, the licensee relocated a fixed gauge. The shutter was locked and closed, and the gauge was taken off equipment that was replaced, and then the gauge was re-installed in the same position. The violation was self-identified, with corrective actions of documenting the event, site-wide training on LC 17, and implementing new procedures that prohibit fixed gauge relocation and other non-routine maintenance.

B. The following violation(s) is/are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.

(Violations and Corrective Actions)

License Condition 16. A requires, in part, that each gauge shall be tested for the proper operation of the on-off mechanism (shutter) at intervals not to exceed 6 months. Contrary to the above, since March 2019, the licensee failed to test for the proper operation of the shutter at 6 month intervals. Specifically, the testing performed by the licensee every 6 months only moved the the shutter slightly, and did not completely move the shutter into the off position to test for proper operation. The licensee corrected this by requiring, in an updated procedure, the testing of the fixed gauge shutter from the on to complete off position.

Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE AND DATE
LICENSEE'S REPRESENTATIVE	Ty Murphy, Radiation Safety Officer	7-9-24
NRC INSPECTOR	Jason Dykert; Earlon Shirley	JASON DYKERT <small>Digitally signed by JASON DYKERT Date: 2024.07.02 13:38:33 -0700</small>
BRANCH CHIEF	Janine F. Katanic, PhD, CHP	JANINE KATANIC <small>Digitally signed by JANINE KATANIC Date: 2024.07.15 16:48:13 -05'00'</small>

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KATANIC

From: [Jason Dykert](#)
To: [Ty Murphy](#)
Cc: [Earlon Shirley](#)
Subject: NRC Inspection Report 2024-001
Date: Tuesday, July 2, 2024 1:44:00 PM
Attachments: [2024-001, REC Advanced Silicon Materials, LLC, NRC 591M, print.pdf](#)

Good afternoon Mr. Murphy,

As we discussed during the exit meeting today, one cited violation and one non-cited violation are documented in the attached report. Please review the corrective actions as written to ensure they are correct and that the violations do not recur, then sign and date the report and email it back to me.

After my branch chief signs the report, it will be a publicly available safety record available for review in the NRC's Agencywide Documents Access and Management System ([ADAMS](#)) online database.

Respectfully,
[Jason Dykert](#)
Health Physicist
Materials Inspection
U.S. NRC - Region IV
Phone: 817-200-1427