

From: [Nieves Folch, Luis](#)
To: ["rich.heisse@pgcorp.com"](mailto:rich.heisse@pgcorp.com)
Subject: PQ Corporation 591 NRC
Date: Monday, June 21, 2021 12:33:00 PM
Attachments: [PQ_Corporation_591M\(1\)MK.pdf](#)

Dear Mr. Heisse

Attach is the clear 591 report for the inspection conducted on June 2, 2021. At this point there is no further actions on your part.

In accordance with Title 10 of the Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this message will be 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>.

Please feel free to contact me if you have any questions regarding this correspondence.

Thank you,

Luis Nieves
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Materials Inspection Record

1. Licensee Name: PQ Corporation		2. Docket Number(s): 030-38381		3. License Number(s) 24-32814-01	
4. Report Number(s): 2021001			5. Date(s) of Inspection: June 2, 2021		
6. Inspector(s): Luis Nieves		7. Program Code(s): 03120	8. Priority: 5	9. Inspection Guidance Used: 87124	
10. Licensee Contact Name(s): Richard Heisse, RSO		11. Licensee E-mail Address: rich.heisse@pqcorp.com		12. Licensee Telephone Number(s): 314-679-8502	
13. Inspection Type: <input type="checkbox"/> Initial		14. Locations Inspected:		15. Next Inspection Date (MM/DD/YYYY):	
<input checked="" type="checkbox"/> Routine <input checked="" type="checkbox"/> Announced		<input checked="" type="checkbox"/> Main Office <input type="checkbox"/> Field Office		June 2, 2026 <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Extended	
<input type="checkbox"/> Non-Routine <input type="checkbox"/> Unannounced		<input type="checkbox"/> Temporary Job Site <input type="checkbox"/> Remote		<input type="checkbox"/> Reduced <input type="checkbox"/> No change	

16. Scope and Observations:

This was an announced, routine inspection of a sodium silicate production facility authorized to possess and use sealed sources for level or density measurements in gauges as authorized by their license in St. Louis, Missouri. The licensee possessed five Spectro Analytical Instruments Model 200 fixed gauges and one Thermo Measure Tech Model 7062BP analyzer. Inventories, shutter checks, and leak test were performed at the required frequencies. The licensee does not perform any installation, maintenance, repair, or removal activities relating to the gauges; the manufacturer is called in for these services.

Performance Observations

The inspector toured the facility and observed the gauges in conjunction with the licensee's current inventory. The inspector evaluated the licensee's measures for materials security, hazard communication, and exposure control. The licensee adequately described proper lock-out procedures. Interviews with licensee staff indicated adequate knowledge of radiation safety procedures and concepts. The inspector performed independent and confirmatory measurements that indicated similar results as the licensee's records. The inspector reviewed audits, shutter checks, inventory, and leak test records.

The licensee was previously cited for not amending their license to appoint a new RSO after the previous RSO left the company. The inspector interviewed the new RSO who demonstrated adequate knowledge of radiation and safety procedures. This violation is closed.

No violations of NRC requirements were identified during this inspection.