

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED: <i>PQ CORPORATION</i> <i>4238 GRADINE AVE.</i> <i>ST. LOUIS, MO</i> REPORT NUMBER(S) <i>2011/001</i>	2. NRC/REGIONAL OFFICE <i>U.S. Nuclear Regulatory Commission</i> <i>Region III</i> <i>2443 WARRANDALE RD / S.W. 210</i> <i>LISLE, IL 60532-4351</i>
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3. DOCKET NUMBER(S) <i>030-38381</i>	4. LICENSEE NUMBER(S) <i>24-22814-01</i>	5. DATE(S) OF INSPECTION <i>3/14/11</i>
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**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. 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, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, NUREG-1600, to exercise discretion, were satisfied

\_\_\_\_\_ Non-cited violation(s) were discussed involving the following requirement(s):

- 4. During this inspection certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11

**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	Date
LICENSEE'S REPRESENTATIVE			
NRC INSPECTOR	<i>E.L. KULZER</i>	<i>E.L. Kulzer</i>	<i>3/14/11</i>
Branch Chief	<i>D.A. Piskura for T.E. Bloomer</i>	<i>D.A. Piskura</i>	<i>3/22/2011</i>

*Docket File Information*  
**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE <b>PQ Corporation 4238 Geraldine Ave. St. Louis, MO</b>		2. NRC/REGIONAL OFFICE <b>NRC Region III 2443 Warrenville Rd. Lisle, IL 60532</b>	
REPORT NUMBER(S) <b>2011-001</b>			
3. DOCKET NUMBER(S) <b>030-38381</b>	5. LICENSE NUMBER(S) 6. <b>24-32814-01</b>	5. DATE(S) OF INSPECTION <b>3/14/2011</b>	
7. INSPECTION PROCEDURES <b>87124</b>	8. INSPECTION FOCUS AREAS <b>03.01-03.07</b>		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM <b>03120</b>	2. PRIORITY <b>5</b>	3. LICENSEE CONTACT <b>Ted Freeman</b>	4. TELEPHONE NUMBER <b>314-383-5411</b>
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Main Office Inspection      Next Inspection Date: 3/2016

Field Office Inspection       Temporary Job Site Inspection

**PROGRAM SCOPE**

The licensee possesses eight specifically licensed fixed gauges used in the production of sodium silicate products. Currently, 19 individuals are involved with use and oversight of the devices including the RSO. Gauges are leak tested at three-year frequencies in accordance with manufacturers specifications. Inventories and shutter checks are performed at required frequencies.

According to the RSO, the gauges are relocated, removed, etc. by the manufacturer. The licensee does not perform any service or maintenance activities on its gauges; these services are performed by the manufacturer.

**Performance Observations**

The plant facility was toured and approximately six gauges were observed in conjunction with the licensee's current inventory. Proper lock-out and leak test procedures were also adequately described. Interviews conducted with plant workers revealed that under no circumstances would a vessel be entered without RSO supervision of lock-out/tag-out procedures.

The licensee had the gauges for several years under a different license at another location. The company decided that each location should have its own license.

*APK/yeb*  
*3/22/2011*