

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED:

OCCIDENTAL Chemical Corp.
1600 S. MADISON ST.
LUDINGTON, MI 49431
REPORT NUMBER(S) 2011-001

2. NRC/REGIONAL OFFICE

US NRC
Region III
2443 W. Apple Valley Rd
Lisle, IL 60532

3. DOCKET NUMBER(S)

030-13298

4. LICENSEE NUMBER(S)

21-17772-01

5. DATE(S) OF INSPECTION

1/30/12

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 | E. L. KULZER | E. L. Kulzer | 1/30/12 |
| Branch Chief | JAMARA BLOOMER | J. Bloomer | 2/13/12 |

Docket File Information

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

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| 1. LICENSEE/LOCATION INSPECTED: Occidental Chemical Corporation 1600 S. Madison Street Ludington, MI 49431 REPORT NUMBER(S) 2012-001 | | 2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352 | |
| 3. DOCKET NUMBER(S) 030-13298 | 4. LICENSE NUMBER(S) 21-17772-01 | 5. DATE(S) OF INSPECTION 1/30/2012 | |
| 6. INSPECTION PROCEDURES USED ip 87124 | 7. INSPECTION FOCUS AREAS 03.01-03.07 | | |

SUPPLEMENTAL INSPECTION INFORMATION

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|-----------------------------|------------------|-----------------------------------|---------------------------------------|
| 1. PROGRAM CODE(S) 03120 | 2. PRIORITY 5 | 3. LICENSEE CONTACT Jim Glover | 4. TELEPHONE NUMBER (231) 845-4474 |
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☒ Main Office Inspection Next Inspection Date: 1/2017

☐ Field Office Inspection

☐ Temporary Job Site Inspection

PROGRAM SCOPE

The licensee produces calcium chloride and employs 130 individuals. The licensee possesses eight specifically licensed fixed gauges used in the production of calcium chloride. The licensee has disposed of five gauges since the last inspection. Currently, three 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.

The licensee stated that 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. The RSO demonstrated survey techniques used if/when a gauge is relocated. 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 not locked out any gauges at the time of this inspection.