

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

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| 1. LICENSEE/LOCATION INSPECTED: City of Detroit; Engineering Division; Dept. Public Works; 12225 Southfield, Freeway, Detroit, MI. | | 2. NRC/REGIONAL OFFICE REGION III US NUCLEAR REGULATORY COMMISSION 2443 WARRENVILLE ROAD, SUITE 210 LISLE, ILLINOIS 60532 | |
| REPORT 03034061/2005001(DNMS) | | | |
| 3. DOCKET NUMBER(S) 03034061 | 4. LICENSEE NUMBER(S) 21-24406-02 | 5. DATE(S) OF INSPECTION 12/2/2005 | |

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) was/were discussed involving the following requirement(s) and Corrective Action(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.
(Violations and Corrective Actions)

Licensee's Statement of Corrective Actions for Item 4, above.

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 | Ed Kulzer | <i>Ed Kulzer</i> | 12/18/05 |

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

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| 1. LICENSEE City of Detroit | | 2. NRC/REGIONAL OFFICE Region III | |
| 3. DOCKET NUMBER(S) 03034061 | | 4. LICENSE NUMBER(S) 21-24406-02 | 5. DATE(S) OF INSPECTION 12/2/2005 |
| 6. INSPECTION PROCEDURES USED 87124 | | 7. INSPECTION FOCUS AREAS 03.01 - 03.07 | |
| SUPPLEMENTAL INSPECTION INFORMATION | | | |
| 1. PROGRAM 03121 | 2. PRIORITY 5 | 3. LICENSEE CONTACT Johnson W. Tweh | 4. TELEPHONE NUMBER 313/224-3915 |
| <input checked="" type="checkbox"/> Main Office Inspection | | Next Inspection Date: <u>December 2010</u> | |
| <input type="checkbox"/> Field | | | |
| <input type="checkbox"/> Temporary Job Site | | | |

PROGRAM SCOPE

The licensee is a branch of the City of Detroit that employs 30 individuals. The licensee possesses four Troxler 3440 moisture density gauges, for use daily/weekly during the construction season (May-November) for DOT road and other construction projects. The licensee does not perform any service or maintenance activities on its gauges; these services are performed by the manufacturer. Currently, the licensee employs one authorized gauge user who have completed manufacturers training. The devices were stored in a vault in the licensee's office in Detroit, Michigan. The authorized user has been on sick leave for the past six months.

Performance Observations

At the time of this inspection, the gauges were not in use. The operator possessed required shipping papers which contained all appropriate information. Gauges/cases were locked in the storage room which was also locked and labeled. The RSO was the only authorized user, and the gauges had not been used for the past six months. The inspector performed independent and confirmatory radiation measurements which indicated similar results as noted in the licensee's survey records, < 2 mR/hour.