

(10-2003)  
10 CFR 2.201**Docket File Information  
SAFETY INSPECTION REPORT  
AND COMPLIANCE INSPECTION**

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|--|---|--|--|
| 1. LICENSEE<br><b>Taylor Engineering</b><br>REPORT NUMBER(S) <b>2005-001</b> |   | 2. NRC/REGIONAL OFFICE<br><b>Region III</b>                |  |
| 3. DOCKET NUMBER(S)<br><b>03031739</b>                                       | 4. LICENSE NUMBER(S)<br><b>24-26195-01</b>        | 5. DATE(S) OF INSPECTION<br><b>November 9, 2005</b>        |  |
| 6. INSPECTION PROCEDURES USED<br><b>87124</b>                                | 7. INSPECTION FOCUS AREAS<br><b>03.01 - 03.07</b> |  |  |
| <b>SUPPLEMENTAL INSPECTION INFORMATION</b>                                   |   |  |  |
| 1. PROGRAM CODE(S)<br><b>03121</b>   | 2. PRIORITY<br><b>5</b>                           | 3. LICENSEE CONTACT<br><b>Frank Taylor, RSO</b>            | 4. TELEPHONE NUMBER<br><b>573/756-9226</b> |
| <input checked="" type="checkbox"/> Main Office Inspection                   |   | Next Inspection Date: <b>November 2010</b>                 |  |
| <input type="checkbox"/> Field Office  |   |  |  |
| <input checked="" type="checkbox"/> Temporary Job Site                       |   | <b>Near Liberty St. and Washington St., Farmington, MO</b> |  |

**PROGRAM SCOPE**

The licensee is authorized to use cesium-137 and americium-241 as sealed sources registered either with NRC under 10 CFR 32.210 or with an Agreement State and incorporated in a compatible gauging device with no single source to exceed the maximum activity specified in the certificate of registration issued by NRC or an Agreement State for use in Campbell Pacific Nuclear Model MC-1DR surface moisture/density gauges for measuring physical properties of materials. The licensee possesses one Campbell-Pacific (Boart-Longyear), Model MC-1DR Portaprobe, which is used as needed for various construction projects around Farmington, MO and vicinity. The inspector determined through interview of the gauge user and RSO, that the gauge has been used frequently on City of Farmington construction projects and is not stored overnight at a temporary job site when used. There are 3 authorized gauge users including the RSO. No change in the number of gauges or RSO since the previous inspection.

**Performance Observations**

During the inspection, the licensee's RSO and gauge user demonstrated/discussed: (1) survey meter availability and use; (2) transportation and DOT requirements; (3) signage (4) new security requirements of portable gauges; (5) gauge maintenance; (6) staff annual refresher training; and (7) dosimetry