



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



1. LICENSEE <b>Tilden Mining Company, L.C.</b> REPORT NUMBER(S) 2008-001		2. NRC/REGIONAL OFFICE <b>Region III</b>	
3. DOCKET NUMBER(S) 030-34221	4. LICENSE NUMBER(S) 21-26748-01	5. DATE(S) OF INSPECTION 1/24/2008	
6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS 3.1-3.7		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) 3121	2. PRIORITY K5	3. LICENSEE CONTACT Walter Lampi - RSO	4. TELEPHONE NUMBER 906-475-3718
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Main Office Inspection      Next Inspection Date: 1/2013

Field Office \_\_\_\_\_

Temporary Job Site \_\_\_\_\_

**PROGRAM SCOPE**

This large mining operation possesses 100 on-line fixed gauging devices manufactured by Ohmart, TN, and Kay-Ray. In addition, the licensee possesses two NOLA devices each containing plutonium-238. Devices are used for level measurement and silica content of iron ore respectively.

**Performance Observations**

A random physical review of on-line devices revealed gauges were properly labeled and areas posted. The inspector did not identify any security issues associated with 10 CFR 20.1801 or 10 CFR 20.1802. The inspector reviewed a representative sample of leak tests, shutter tests and staff training; the Inspector did not identify any deficiencies.

The inspector performed independent radiation measurements around a selected number of gauges; no abnormal radiation levels were identified.

The licensee maintained control of all devices and has not reported a lost, stolen, damaged or leaking gauge since the last inspection.