



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

1. LICENSEE <b>Geotechnology Inc</b> REPORT NUMBER(S) 2005-001		2. NRC/REGIONAL OFFICE <b>Region III</b>	
3. DOCKET NUMBER(S) 030-18640	4. LICENSE NUMBER(S) 24-24459-01	5. DATE(S) OF INSPECTION Sept 28, 2005	
6. INSPECTION PROCEDURES USED 87124	7. INSPECTION FOCUS AREAS 03.01 - 03.07		

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE(S) 03121	2. PRIORITY 5	3. LICENSEE CONTACT John Baker	4. TELEPHONE NUMBER 314/241-0525
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Main Office Inspection      Next Inspection Date: 9/10

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

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

**PROGRAM SCOPE**

The licensee is an engineering firm located in St. Louis, Missouri. They perform soil density and compaction testing throughout the midwest. The licensee has 19 Troxler 3440 series gauges. The gauges are normally stored at licensee's facility or locked in construction trailers at temporary job sites. *The licensee does not performed any service or maintenance activities on the gauges.* The licensee employees 28 gauge users who have completed the manufacturers training.

**Performance Observations**

Licensee demonstrated how the gauge is used for the inspector. Interviews of licensee personnel indicated an adequate level of knowledge of radiation safety.

Independent surveys of the gauge storage area indicated minimal results. Although licensee personnel are badged, readings for the past year were nominally at the minimum level. Licensee has implemented the new gauge security policy. Adequate security is provided for in the storage location and in the truck used to transport the gauge. Surveys of the storage area by the inspector revealed only minimal results. No violations of requirements were noted.