

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

1. LICENSEE/LOCATION INSPECTED; Soil Consultants, Inc. 1508 Greenleaf Street PO Box 698 Charleston, South Carolina 29405 REPORT NUMBERS 2013-001		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region I, 2100 Renaissance Blvd, Suite 100 King of Prussia, Pennsylvania 19406-2713	
3. DOCKET NUMBER: 150-00039	4. LICENSE NUMBER: SC-197	5. DATES OF INSPECTION: January 12 & 23, 2013	

(Continued)

1. Condition 21 of South Carolina Radioactive Materials License SC-197 requires, in part, that the licensee conduct licensed activities in accordance with the procedures in the renewal application dated June 29, 2005.

Section 1.2(b), item 6, of the licensee's Operating and Emergency procedures, provided in the renewal application dated June 29, 2005, requires that the licensee make radiation surveys "monitoring the entire length of the tube or conduit," and "monitoring the exposure device," after each radiographic exposure.

Contrary to the above, the licensee did not conduct radiation surveys in accordance with the Operating and Emergency procedures. Specifically, on January 11, 2013, at 5862 North Rhett St., Hanahan, South Carolina, an area of exclusive Federal jurisdiction, the licensee conducted radiographic operations using a radiographic exposure device, and had placed a survey meter in a stationary position near the exposure device; however, the licensee did not make a survey "monitoring the entire length of the tube or conduit," and "monitoring the exposure device," as described in the licensee's procedure.

The licensee agreed to conduct procedure training with all radiographers within 30 days. The training focus is procedural compliance regarding surveys.

This is a Severity Level IV violation (Enforcement Policy Section 6.3(d)).

2. 10 CFR 71.5 requires, in part, that a licensee who transports licensed material on public highways must comply with the applicable requirements of the regulations of the Department of Transportation in 49 CFR Parts 170 through 189.

49 CFR 172.202 requires, in part, that the shipping description of a hazardous material on the shipping paper must include (1) the identification number prescribed for the material, (2) the proper shipping name prescribed for the material, (3) the hazard class or division number, (4) the packing group in Roman numerals, and (5) the number and type of packages.

49 CFR 172.203 "Additional description requirements," requires, in part, that (1) the letters "RQ" be entered on the shipping paper, (2) the name of each radionuclide in the Class 7 (radioactive) material that is listed in 49 CFR 173.435, (3) the activity contained in each package in terms of the appropriate SI units, (4) the category of label applied to each package, (5) the transport index assigned to each package, and (6) a notation of the package identification marking as prescribed in the applicable DOE or NRC approval.

Contrary to the above, the licensee transported licensed material on public highways within the State of South Carolina on January 11, 2013, and the shipping papers did not include the complete description of the hazardous material in accordance with 49 CFR 172.202 & 49 CFR 172.203. Specifically, the licensee's shipping papers did not include the identification number prescribed for the material, the proper shipping name, the letters "RQ," the transport index, or a notation of the package identification marking.

The licensee agreed to amend the shipping papers to include the required elements prior to conducting any shipments of hazardous materials.

This is a Severity Level IV violation (Enforcement Policy Section 6.8(d)).