



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532-4352

September 2, 2009

Mr. Michael Kesselmayr  
Vice-President  
Professional Service Industries, Inc.  
1901 South Meyers Road  
Oakbrook, IL 60181

**SUBJECT: NRC INSPECTION REPORT 030-11906/09-02 (FORM 591M Part 1) –  
PROFESSIONAL SERVICE INDUSTRIES, INC.**

Dear Mr. Kesselmayr:

On July 31, 2009, the Nuclear Regulatory Commission (NRC) conducted a routine inspection at a temporary job site at the Fort Lewis Army Base, Tacoma, Washington. The inspection results were discussed with you during a final telephonic exit briefing conducted on September 1, 2009. This inspection was an examination of activities conducted under your license, as they relate to radiation safety, and to compliance with the Commission's rules and regulations, and with the conditions of your license. Within these areas, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, independent measurements, and observation of activities in progress. Within the scope of this inspection, no violations of NRC requirements were identified; therefore, no response to this letter or the enclosed NRC Form 591M is required.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

A handwritten signature in black ink that reads "Robert W. Anton, Jr. for".

Tamara E. Bloomer, Chief  
Materials Inspection Branch

Docket No.: 030-11906  
License No.: 12-16941-01

Enclosure:  
Inspection Report 030-11906/09-02 (Form 591M Part 1)

cc w/encl: John Thornton, Corporate Radiation Safety Officer  
State of Washington

Bg.

**SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION**

1. LICENSEE/LOCATION INSPECTED: Professional Service Industries, Inc. 1901 South Meyers Road Oakbrook, Terrace, IL 60181 Location: Fort Lewis Army Base, Tacoma WA REPORT NO: 2009-002	2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region IV, 612 East Lamar Blvd, Suite 400 Arlington, Texas 76011-4125
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3. DOCKET NUMBER 030-11906	4. LICENSE NUMBER 12-16941-01	5. DATE OF INSPECTION July 31, 2009
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**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:

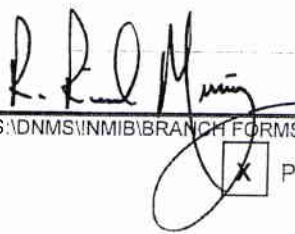
- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy 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.

**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	R. Rick Muñoz		08/25/2009

Non-Public  Sensitive - Security-Related

Public  Non-Sensitive

10.

Initial	Announced	X	Unannounced	X	Routine	Increased Controls
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NRC FORM 591M PART 3  
(10-2003) 10 CFR 2.201

U.S. NUCLEAR REGULATORY COMMISSION

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

1. LICENSEE Professional Service Industries, Inc.		2. NRC/REGIONAL OFFICE U.S. Nuclear Regulatory Commission Region IV, 612 East Lamar Blvd, Suite 400 Arlington, Texas 76011-4125	
REPORT NO: 03011906/2009-002			
3. DOCKET NUMBER 030-11906	4. LICENSE NUMBER 12-16941-01	5. DATE(S) OF INSPECTION July 31, 2009	
6. INSPECTION PROCEDURES USED 87124, 86740	7. INSPECTION FOCUS AREAS 03.03-03.07	8. INSPECTOR Rick Muñoz	

**SUPPLEMENTAL INSPECTION INFORMATION**

1. PROGRAM CODE 03121	2. PRIORITY 5	3. LICENSEE CONTACT Mike Allen, Field Technician	4. TELEPHONE NUMBER (907) 276-2176
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Main Office Inspection: \_\_\_\_\_ Next Inspection Date: TBD

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

Temporary Job Site Fort Lewis Army Base, Tacoma, Washington

**PROGRAM SCOPE**

This was an assist inspection for R-III. The licensee's address is Oakbrook Terrace, Illinois. R-IV was on the Fort Lewis installation conducting routine and R-I assist inspections. While on base, the inspector noticed activities where a portable gauge was being used. PSII, an engineering/construction company, is authorized to possess Cs-137 & Am-241 for moisture & soil density measurements using Troxler, Campbell Pacific, Humboldt Scientific, Instro Tek or Seaman Nuclear Corporation portable nuclear gauges. This inspection was performed at a temporary job-site (TJS) at Fort Lewis. The licensee was in possession of a Troxler 3440 gauge. The gauge was being used by one gauge user. Compaction measurements were being taken on storm lines & propane gas line lay-down areas.

Performance Observations

Whole body dosimetry was properly worn by the gauge user. For the work at this TJS, the gauge was properly secured in the back of the company vehicle. The inspector & the gauge user discussed the NRC regulations, resources & guidance provided in NUREG-1556, Volume 1, block & brace requirements, & safety (License Condition 17) & security requirements. The gauge user maintains adequate control and use of the portable gauge & demonstrated competency promoting an environment focused on radiation safety & security.

The inspector reviewed the licensee's radiation safety program relative to the TJS activities. The gauge user described the processes used to document and protocols for the transport of licensed material on public highways. The licensee demonstrated security of the gauge during use and transport at the TJS. When the gauge was not being used, the licensee secured the gauge in the bed of the pickup with 2 independent physical controls. The licensee also demonstrated and discussed the use of his radiation survey instrumentation (Trox-Alert); material accountability; dosimetry; routine security of radioactive material; and any reportable events (none). The inspector walked down the licensee's materials transport vehicle storage location, transportation shipping container and security of the licensed material during transport. Through direct observation and the conduct of independent radiological surveys\*, the inspector verified the presence and location of licensed material used at the TJS. The transport container and device labeling met NRC and Department of Transportation requirements. No possession, use discrepancies, transportation issues; or reportable events were identified. There were no issues with shipping documentation.

The last inspection conducted on March 11, 2009, which was clear, was the Richmond, VA field office. Under the performance and document review guidance prescribed in NRC Manual Chapter 2800 "Inspection Program", no violations were noted during this inspection. A clear 591M will be mailed from the R-III office.

Persons Contacted

Mike Allen, Gauge User	Tom Dougherty, Installation RSO
Mark Henessy, Installation RSO (trainee)	Pete Strohm, Director/I Corps Technical Safety Support Office

\*NRC survey instrument used: Ludlum 2401-P, #185347, calibration due 12/08/2009