MS 16
L-1

47-25480-01
03035153

January 26, 2010

Sattar Lodhi, Ph.D
Senior Health Physicist
Materials Security and Industrial Branch
Division of Nuclear Materials Safety

RE: Tracewell Services Inc. Request for additional information concerning application for renewal of license, control no. 144155

Dear Mr. Lodhi:

In reference to your letter dated January 20, 2010, I have attached the information you are requesting. I have made changes to the Appendix C under the Tracer materials, I have added Cobalt (Co-60) wire markers to my list of requested isotopes. Also, at the time the original license was issued there was a possibility that we might use these additional radioisotopes but this did not work out and these radioisotopes were never used or possessed.

The annual refresher training program is conducted by an outside vendor. I have attached a typical outline for this type of training program.

Annual job performance evaluations are conducted unannounced by the Radiation Safety Officer. This audit is conducted at intervals not to exceed twelve (12) months. Those individuals that have deficiencies noted will be audited within one month to assure deficiencies have been corrected.

If you need anything else please contact me at 304-482-1000. Again thank you for your help in this matter and I look for to hearing from you soon.

Sincerely,

Randy Shamblin

Randy Shamblin
President

Attachments

144155

NMSS/RGN1 [illegible] 002

ANNUAL FIELD AUDIT

Employee name: _____ Date: _____

Radiation Safety Officer: _____

This performance check should consist of one or more actual operations performed by the individual being tested.

	Item Being Checked	Satisfactory	Unsatisfactory
1.	Removal of material from storage		
	1.1 Completion of Utilization log	_____	_____
	1.2 Securing in transport vehicle	_____	_____
2.	Safety Equipment		
	2.1 Survey meter	_____	_____
	2.2 TLD badge	_____	_____
	2.3 Decontamination equipment	_____	_____
3.	Use of survey meter		
	3.1 Ensure meter is working, calibrated and measures radiation	_____	_____
	3.2 Contamination survey	_____	_____
4.	Area Security		
	4.1 Posting of signs	_____	_____
	4.2 Visual surveillance	_____	_____
5.	Availability of Records		
	5.1 Company's license	_____	_____
	5.2 Operating & Emergency proc.		

5.3 Survey records _____ _____

6. Contamination Control _____ _____

7. Storage area locked and secured after returning material. _____ _____

8. Utilization Log completed upon return to facility. _____ _____

ANNUAL REFRESHER TRAINING

DOT SHIPPING REQUIREMENTS

- Materials of Trade
- Security Awareness Training
- Shipping samples
- Shipping Tracer material
- DOT 7A Specification Containers

MONTH END PAPER WORK (RADIATION FILES)

BADGE RESULTS

RADIOACTIVE MATERIAL LICENSE CHANGES (THIS YEAR)

OPERATING & EMEERGENCY PROCEDURES CHANGES THIS YEAR

NRC REGULATORY CHANGES

GENERAL SAFETY REQUIREMENTS

FIELD AUDIT RESULTS

ANNUAL RADIATION PROTECTION PROGRAM REVIEW

RESULTS OF REGULATORY AUDITS

ROUND TABLE Q & A

APPENDIX C

Electronic Compensation Sources

Radioisotope	Manufacturer/Model No.	Quantity
None		Not to exceed the maximum activity per source as specified in the Sealed Source and Device Registration Sheet.
		Not to exceed the maximum activity per source as specified in the Sealed Source and Device Registration Sheet.

Tracer Materials

Radioisotope	Chemical or Physical Form			Millicuries Per Injection	Total Quantity Requested
Ir-192	[ ] Gas	[ ] Liquid	[✓] Labeled Frac Sands	500 mCi	2,000 mCi
Sc-46	[ ] Gas	[ ] Liquid	[✓] Labeled Frac Sands	300 mCi	1,000 mCi
Sb-124	[ ] Gas	[ ] Liquid	[✓] Labeled Frac Sands	150 mCi	1,000 mCi
Co-60	WIRE			0.037 MBq (1 microcurie)	

Depleted Uranium

Radioisotope	Manufacturer/Model No.	Kilograms Requested
Depleted Uranium (DU)		NONE

Sealed Sources Not Used in Well Logging Operations