SSE
Schultz Surveying & Engineering

Transforming your ideas into reality!

November 4, 2014

Arkansas Dept. of Health Radioactive Materials Program
4815 West Markham, Slot H-30
Little Rock, AR 72205-3867

RE: ARMK No. ARK-1035-03121

Dear Mr. Thompson,

Please find attached the corrective action taken and the results found during our annual inspection that was conducted on September 30, 2014. To avoid further noncompliance, Schultz Surveying and Engineering, Inc. revised our annual inspection check lists and will conduct our annual inspections prior to expiration dates.

If you have any questions please feel free to call Bari P. Chase at 1-573-686-0806,
Mobile 573-718-4625

Sincerely,

Bari P. Chase
Laboratory Supervisor / RSO

BPC:bpc

Cc: Stanley J. Schultz, Principal

Ryan Craffey
U.S. NRC, Region III
2443 Warrenville Rd, Suite 210
Lisle, Illinois 60532-4352

RECEIVED NOV 19 2014

" DONIPHAN MO "

Nuclear Moisture Density Gauge Annual Inspection Summary

1. **SUMMARY**

This inspection document consists of an evaluation at each location Schultz Surveying & Engineering, Inc. maintains Nuclear density gauges. This inspection documentation is to be filed and be retained for at least 3 years after date of inspection.

2. **REVIEW OF HISTORY**

A. Last inspection date: Sept. 12, 2013
B. Any deficiencies found? Yes (No)
C. Were corrective actions taken? Yes No (N/A)
D. Description of prior deficiencies, and or corrective actions taken: _____

3. **ORGANIZATION AND SCOPE OF PROGRAM**

A. Do all temporary job sites meet regulatory definition?	(Yes)	No
B. Is the RSO meeting the duties and responsibilities?	(Yes)	No

4. **TRAINING PROGRAM**

A. All workers receive radiation awareness training?	(Yes)	No
B. All gauge Authorized users completed department approved training?	(Yes)	No
C. Hazmat employee training and driver training provided to workers?	(Yes)	No
D. Field observations of gauge operators demonstrated safe use of and Comply with regulatory requirements?	(Yes)	No

5. **PERSONNEL MONITORING**

1. Personnel monitoring badges worn properly and protected from heat, light, and moisture when not worn?	(Yes)	No
2. Personnel monitoring badges stored with the control badge when not in use?	(Yes)	No
3. Are badges exchanged in a timely fashion?	(Yes)	No
4. Have any badges been lost or damaged?	(Yes)	No
5. If yes to 4., was RSO immediately notified and estimated dose provided to badge vendor and recorded?	(Yes)	No
6. Any spare badges assigned to workers?	Yes	(No)
7. Are dosimetry reports reviewed by RSO?	(Yes)	No
8. Does personnel monitoring records indicate that worker does are ALARA?	(Yes)	No

6. **POSTING AND LABELING**

A. Following documents posted at permanent facility:
   1. Emergency Procedures — Yes / No
   2. Department Form RH-11 (Notice to Employees) — Yes / No

B. Radiation Signs:
   1. Caution Radioactive Material signs posted? — Yes / No
   2. Gauges bear visible labels (type A, Dangerous Goods, Caution Radioactive? — Yes / No

7. **OPERATING AND EMERGENCY PROCEDURES**

   A. Does the O&E procedures list correct phone numbers for RSO and the Dept.? — Yes / No
   B. Are the O&E procedures kept with portable gauges at all times? — Yes / No

8. **GAUGE TRANSPORTATION**

   A. Are gauges transported to job sites in the same manner as when shipped for third party for shipment? — Yes / No
   B. Does each gauge have sufficient locking equipment? (Minimum Three locks) — Yes / No
   C. Gauges kept secured when not in direct surveillance? — Yes / No
   D. Have proper bill of lading? — Yes / No
   E. Shipping papers kept with driver at all times? — Yes / No

9. **LEAK TESTING**

   A. Are gauge (s) leak tested at the required intervals? — Yes / No
   B. Are leak test records on file? — Yes / No

10. **GAUGE INVENTORY**

Inventory Date: Sept 31 2014
Inspectors Name: [signature]
Location of Inspection: Doniphan, MO office

Gauge Serial No	Gauge Location	Gauge Physical Condition	Gauge Radioactive Material & Quantity	Gauge Sealed Source Identity and or Serial No.
30413	SSE, Inc. Doniphan, MO	Locked and in Closed Position	Cs-137 , 8 mCi Am-241:Be , 40 mCi	SN # 750-4881 SN # 47-27468
27934	SSE, Inc. Doniphan, MO	Locked and in Closed Position	Cs-137 , 8 mCi Am-241:Be , 40 mCi	SN # 750-1824 SN # 47-24535
28150	SSE, Inc. Doniphan, MO	Locked and in Closed Position	Cs-137 , 8 mCi Am-241:Be , 40 mCi	SN # 750-2100 SN # 47-24859
29385	SSE, Inc. Doniphan, MO	Locked and in Closed Position	Cs-137 , 8 mCi Am-241:Be , 40 mCi	SN # 750-2609 SN # 47-25249

Comments:

Signature: [signature]

Nuclear Moisture Density Gauge Annual Inspection Summary

1. SUMMARY

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2. REVIEW OF HISTORY

A. Last inspection date: 9-12-13
B. Any deficiencies found? Yes (No)
C. Were corrective actions taken? Yes (No)
D. Description of prior deficiencies, and or corrective actions taken: _____

3. ORGANIZATION AND SCOPE OF PROGRAM

A. Do all temporary job sites meet regulatory definition?	(Yes)	No
B. Is the RSO meeting the duties and responsibilities?	(Yes)	No

4. TRAINING PROGRAM

A. All workers receive radiation awareness training?	(Yes)	No
B. All gauge Authorized users completed department approved training?	(Yes)	No
C. Hazmat employee training and driver training provided to workers?	(Yes)	No
D. Field observations of gauge operators demonstrated safe use of and Comply with regulatory requirements?	(Yes)	No

5. PERSONNEL MONITORING

1. Personnel monitoring badges worn properly and protected from heat, light, and moisture when not worn?	(Yes)	No
2. Personnel monitoring badges stored with the control badge when not in use?	(Yes)	No
3. Are badges exchanged in a timely fashion?	(Yes)	No
4. Have any badges been lost or damaged?	Yes	(No)
5. If yes to 4., was RSO immediately notified and estimated dose provided to badge vendor and recorded?	Yes	No
6. Any spare badges assigned to workers?	Yes	(No)
7. Are dosimetry reports reviewed by RSO?	(Yes)	No
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   A. Does the O&E procedures list correct phone numbers for RSO and the Dept.? — Yes / No
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8. **GAUGE TRANSPORTATION**

   A. Are gauges transported to job sites in the same manner as when shipped for third party for shipment? — Yes / No
   B. Does each gauge have sufficient locking equipment? (Minimum Three locks) — Yes / No
   C. Gauges kept secured when not in direct surveillance? — Yes / No
   D. Have proper bill of lading? — Yes / No
   E. Shipping papers kept with driver at all times? — Yes / No

9. **LEAK TESTING**

   A. Are gauge (s) leak tested at the required intervals? — Yes / No
   B. Are leak test records on file? — Yes / No

Inventory Date: 9-30-14
Inspectors Name: Ian Richardson
Location of Inspection: Branson, MO office

Gauge Serial No	Gauge Location	Gauge Physical Condition	Gauge Radioactive Material & Quantity	Gauge Sealed Source Identity and or Serial No.
62002	SSE, Inc. Branson Office, MO	Locked and in Closed Position	Cs-137 , 8 mCi Am-241:Be , 40 mCi	SN # 77-8647 SN # 78-5445

Comments:

Signature: Ian Richardson

Nuclear Moisture Density Gauge Annual Inspection Summary

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C. Were corrective actions taken? Yes (No)
D. Description of prior deficiencies, and or corrective actions taken: _____

3. ORGANIZATION AND SCOPE OF PROGRAM

A. Do all temporary job sites meet regulatory definition?	(Yes)	No
B. Is the RSO meeting the duties and responsibilities?	(Yes)	No

4. TRAINING PROGRAM

A. All workers receive radiation awareness training?	(Yes)	No
B. All gauge Authorized users completed department approved training?	(Yes)	No
C. Hazmat employee training and driver training provided to workers?	(Yes)	No
D. Field observations of gauge operators demonstrated safe use of and Comply with regulatory requirements?	(Yes)	No

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3. Are badges exchanged in a timely fashion?	(Yes)	No
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5. If yes to 4., was RSO immediately notified and estimated dose provided to badge vendor and recorded?	Yes	No
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B. Radiation Signs:
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   C. Gauges kept secured when not in direct surveillance? — Yes / No
   D. Have proper bill of lading? — Yes / No
   E. Shipping papers kept with driver at all times? — Yes / No

9. **LEAK TESTING**

   A. Are gauge (s) leak tested at the required intervals? — Yes / No
   B. Are leak test records on file? — Yes / No

Inventory Date: 9-30-14
Inspectors Name: Ian Richardson
Location of Inspection: Osage Beach, MO office

Gauge Serial No	Gauge Location	Gauge Physical Condition	Gauge Radioactive Material & Quantity	Gauge Sealed Source Identity and or Serial No.
31191	SSE, Inc. Lake Office, MO	Locked and in Closed Position	Cs-137 , 8 mCi Am-241:Be , 40 mCi	SN # 750-5856 SN # 47-4335

Comments:

Signature: Ian Richardson