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Energy Surveys, Inc.



Licensing Assistance Team
United States Nuclear Regulatory Commission
Region 1
2100 Renaissance Boulevard, Suite 100
King of Prussia, Pa 19406-2713

LO
03038756

July 21, 2016

SUBJECT: ENERGY SURVEYS, INC. RSO CHANGE

Licensing Assistance Team:

I am writing this letter to inform you that Scott Wallace will no longer be the RSO for Energy Surveys, Inc. (License No. 47-35159-01) effective immediately. Although we are in the process of terminating our NRC license, we need to make this change since our license is still technically active. Therefore, we would like to request an amendment change that would make our new RSO, James "Patrick" Shaver. We would greatly appreciate it if you would please amend our license to reflect this change and send us a copy. I have included his RSO certificate and his APNGA Portable Nuclear Gauge Safety (with Hazmat) Certificate with this letter. Also, I have provided our License, Docket, and Control number below, along with Patrick Shaver's contact information. If there is anything else you need please let him or myself know. Thank you.

License#: 47-35159-01
Docket#: 03038756
Control# 585222

James "Patrick" Shaver, RSO
418 Mayo Street
Clarksburg, WV, 26301
Office- 304.423.5880

pshaver@auduboncompanies.com

Sincerely,

Scott Shaver, ESI VP
304-641-8685
sshaver@auduboncompanies.com

James "Patrick" Shaver, RSO, Materials Manager
pshaver@auduboncompanies.com

Scott Wallace
Former ESI RSO
304-423-5880

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418 Mayo Street Clarksburg, WV 26301 - Office: 304.423.5880 - Fax: 304.709.7402 - energysurveysinc.com

REC'D IN LAT 07/27/2016

591544
NMSS/RGNI MATERIALS-002



Certificate of Completion

This is to certify that:

James P. Shaver

Has completed a Radiation Safety Officer course and the use of portable density / moisture devices, (Nuclear Density / Moisture Gauge), as per U.S. NRC NUREG 1556, vol.1, rev 1 and Agreement State requirements. To include initial Haz-Mat training required by IATA and U.S. Department of Transportation, 49 CFR, 172, Sub H and security awareness during transportation.

This training presentation by: Willie Cline / CTS, Inc. RSO

Willie Cline

Cline's Technical Services, Inc.

www.clinetechnicalservices.com

course content on page 2 of certificate

For Nuclear Gauge Radiation Safety Officer.

James P Shaver

James P Shaver

7-21-16

Contents of Course

Principles and Practices of Radiation Protection

Theory, terminology, and practical explanation of Radioactive Materials, License requirements, Storage, Transportation (to include HAZ-MAT training required by US DOT 49 CFR, 172, sub H and security awareness) and Emergency Procedures to be used with portable nuclear devices of “soil, agriculture, roof, asphalt and other construction gauges” using small (not more than 300 millicurie) sources in sealed capsules.

Radioactive Measurement Standardization and Monitoring Techniques and Instruments

Demonstration of radiation levels typical with use of small, portable devices using conventional survey meter. Concentration on Inverse Square Law factors, effects of shielding, time, and distance in use of materials.

Mathematics and Calculation basic to use and measurement of Radioactivity

Determination of typical radiation levels in mrems with distance of a typical portable “construction device”, calculation of probable weekly radiation dose under a heavy work condition, and relation of that dose to the NRC maximum annual allowances for occupational use of radioactivity.

Establishment of relationship of this occupational dose to that obtained from normal life exposures of external radiation at sea level and high elevations, jet plain travel, normal health X-RAYS, ect.

Biological effect of Radiation

General presentation of effects of low level radiation on the body with emphasis on the relationship of routine life style exposure (environmental, routine medical, smoking, etc.) to the added exposure from normal use of portable devices using millicurie sources.

3688

Certificate of Completion to:

Hazmat refresher training is required within 3 years after today's date: Wednesday, January 29, 2014

Course covers training criteria of NUREG 1556, The Agreement States, and 49 CFR 172, Subpart H. (Includes IATA Requirements)
The Company RSO completes the training requirements by familiarizing the employee with:

- State specific regulations including introduction to the state regulatory website
- The company radiation safety program, specifically gauge safety operating and emergency procedures
- A tour of storage area with emphasis on security, documents and postings
- Loading, security, and transporting gauges in company vehicles
- The safety and operating features of the gauge(s) in use by the company
- Introduction to gauge safety content on gauge manufacturer website
- The RSO must also monitor the employee completing and passing a closed book test of this class material

The RSO signature certifies that the trainee has received the above training requirements.

Starter
Company Name

[Signature]
Signature of RSO

[Signature]
Director of APNGA

American Portable Nuclear Gauge Association (APNGA)
www.apnga.com

George E. Marshall
APNGA Director



ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE

Name and Address of Applicant and/or Licensee

Energy Surveys, Inc.
ATTN: Scott A. Shaver, Vice President
418 Mayo Street
Clarksburg, WV 26301

Date

July 28, 2016

License Number(s)

47-35159-01

Mail Control Number(s)

591544

Licensing and/or Technical Reviewer or Branch

Craig Gordon

This is to acknowledge receipt of your: ☒ Letter and/or ☐ Application Dated: 07/21/2016

The initial processing, which included an administrative review, has been performed.

☐ Amendment ☐ Termination ☐ New License ☐ Renewal

☒ There were no administrative omissions identified during our initial review.

☐ This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

☐ Your application for a new NRC license did not include your taxpayer identification number. Please complete and submit NRC Form 531, Request for Taxpayer Identification Number, located at the following link: <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>
Follow the instructions on the form for submission.

☐ The following administrative omissions have been identified:

Your application has been assigned the above listed MAIL CONTROL NUMBER. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

Region I
U. S. Nuclear Regulatory Commission
Division of Nuclear Materials Safety
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-2713
(610) 337-5260, (610) 337-5313,
(610) 337-5398, or (610) 337-5239