



DIEFFENBAUCH & HRITZ

Engineering | Surveying | Environmental

January 10, 2017

United States Nuclear
Regulatory Commission
Region 1
2100 Renaissance Blvd. Ste. 100
King of Prussia, PA 19406-2713

RE: License No. 47-31463-01 Amendment *1030.38518*

To Whom It May Concern:

Please find the enclosed memo as documentation for amending license number 47-31463-01.
All remaining information of the application will remain as on file.

Should you have any questions regarding the changes of the amendment, please contact me
directly at 304-985-5555.

Sincerely,
DIEFFENBAUCH & HRITZ, LLC

Herbert L. Parsona, PE, PLS
Operations Leader

592572
NRC/RCN MATERIALS-002

DIEFFENBAUCH & HRITZ

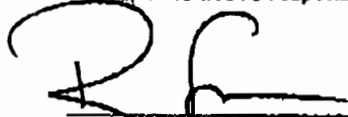
**Memo To: Radiation Safety Officer
From: Company Operations Leader
Subject: Delegation of Authority**

You, have been appointed Radiation Safety Officer and are responsible for ensuring the safe use of radiation. You are responsible for managing the radiation protection program; identifying radiation protection problems; initiating, recommending, or providing corrective actions; verifying implementation of corrective actions; stopping unsafe activities; and ensuring compliance with regulations. You are hereby delegated the authority necessary to meet those responsibilities, including prohibiting the use of byproduct material by employees who do not meet the necessary requirements and shutting down operations where justified by radiation safety. You are required to notify management of situations where staff are not cooperating and not addressing radiation safety issues. In addition, you are free to raise issues with the Pennsylvania Bureau of Radiation Protection at any time.


Herbert L. Parsons, Operations Leader

1-10-2017
Date

I accept the above responsibilities,


Robyn Smith, Radiation Safety Officer

1-10-2017
Date

Robyn E. Smith

Monday, November 21, 2016



Certificate of Completion

This is to certify that:

Robyn E. Smith

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

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 mrem/s 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, etc.

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.