



Stan A. Huber Consultants, Inc.
Health Physics and Radiation Safety Services

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November 12, 2012

Tim Carroll
BP Products North America, Inc.
2815 Indianapolis Blvd
Whiting, IN 46394

Subject: Radiation Safety Officer Training Information

RE: 13-00166-12

Dear Mr. Carroll:

The outlines for the Radiation Safety Officer Management Course and Department of Transportation training are provided as additional information for you to support your request for appointment as the RSO on your facilities NRC license. This training was provided to you by Glenn Huber, CHP, President SAHCI and James Hatten, RSO SAHCI.

Radiation Safety Officer Training Outline

Class room training – 3 days (24 hours) – covered these topics:

- NRC & Agreement State Regulations (10CFR and NUREG 1556, Volume 1 and 4)
- Licensing of Radioactive Materials
- Record Systems
- DOT Regulations & Certification
- Inspections
- Emergency Response
- Continuing Education
- Personnel Monitoring
- Instrument Calibrations
- Nuclear Gages-Fixed and Portable
- Physics and Math Review
- Radiation Safety Programs
- Personnel Training
- NORM Training
- Department of Transportation – Radioactive Material Shipping
- Hands on exercises—equipment operation, leak testing, shutter checks and surveys

An additional 1 day (8 hours) of training was provided to you at your facility. This training was provided by Glenn Huber, Certified Health Physicist. During this onsite training you reviewed your specific NRC license, files, policies/procedures and radiation safety program. You reviewed on site inventories and shutter checks requirements. You performed on site demonstrations of surveys, leak tests, DOT packaging and review of typical responses to emergencies and general radiation safety program requirements. Prior to the onsite training you performed more than 8 hours of review of the regulations, NRC BP Products North America license material and specific operational requirements.

The instruction totaled 40 hours of specific radiation safety training. You have accumulated more than 40 hours of training and experience for your site with the participation in the specific radiation safety program and the work prior to and after the training.

Department of Transportation Training

Class room training – 3 hours –covered these topics:

- Brief description of LSA/SCO shipment, Exclusive Use shipments, Fissile material shipments, Highway route controlled quantities, and type B shipments.
- History of DOT and NRC
- Regulatory responsibilities-DOT & NRC (Shared)
- Training requirements-172.700-704
- Definitions (examples-hazard class, HAZMAT employee, radioactive material, LQ, RQ, special form, normal form, A1, A2, and TI)
- Limited Quantities package
- Type A package
- Shipping paperwork
- Emergency Response
- Specific carrier requirements-USPS, UPS, FedEx
- HAZMAT Security Awareness
- DOT Exam
- Hands on packaging training-UN2910, UN2915, UN3332; White 1, Yellow II & III, Transport Index measurements, Bill of Lading preparation

The information provided should be enough detail for the NRC reviewer to understand the depth and detail of the training provided. It should meet the training requirements for your appointment as the RSO. We will remain available to you if any additional information is needed to support your request. You can contact us at 800-383-0468 or SAHCI@SAHCI.com.

Sincerely,



James C. Hatten

Radiation Safety Officer



BP WHITING REFINERY

FAX COVER SHEET

Date: 11/12/12

To: Jennifer Bishop

Location: NRC, Region III

Phone: (630) 829-9607

FAX: (630) 515-1078

From: Matthew J. Sorrells, RSO

Phone: (219) 473 - 3667

FAX: (219) 473 - 3573

Number of pages (including this cover sheet) 3

Message: **BP Whiting License #13-00155-12 Amendment ,**

Tim Carroll Training Outline Submission