

AstenJohnson US NRC License Renewal

Item 3 – Address where licensed material will be used or possessed:

1. 8703 Walton Farms Ct, Richmond, VA
 2. 4399 Corporate Rd, Charleston, SC 29405
 3. 4788 Dorchester Ave, Unit A65, Charleston, SC 29405
 4. Temporary job sites of the licensee anywhere in the United States where the US Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material.
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5. Radioactive Material

- a. Americium-241
- b. Sealed Sources (Amersham Model AMC.P1, Isotope Products Model GFS, BEBIG Model AM1.P08, or Amersham Model AMCP6)
- c. No single source to exceed 150 millicuries. Total activity 450 millicuries.

6. Purpose

- a. To be used in NDC Systems Model 104P/104PD gauge for thickness measurements.

7. Individuals responsible for radiation safety program and their training experience

- a. The Radiation Safety Officer is Jason Barnett
 - i. Attended portable gauge manufacturer's course for users (certificate of training attached)
 - ii. Attended RSO Training administered by Engelhardt & Associates Inc. (certificate of training attached)
- b. Licensed material shall be used by, or under the supervision and in the physical presence of, individuals who have completed the NDC Systems training program, or individuals whose training meets the criteria in Appendix D for NUREG 1556 Vol.1, Rev.1., and have been designated by the licensee's Radiation Protection Officer. The licensee shall maintain records of the individuals who have been designated as authorized users.

8. Training for individuals entering restricted areas

- a. Before using licensed materials, authorized users will have successfully completed one of the training courses described in criteria in the section entitled 'Training for Individuals Working In or Frequenting Restricted Areas' in NUREG-1556, Vol.1, Rev.1, dated September 2001.

9. Facilities and Equipment

- a. "No info needs to be submitted in response to this item"

10. Radiation Safety Program

- a. We will have access to and use a radiation survey meter that meets the criteria in the section entitled 'Radiation Safety Program – Instruments' in NUREG-1556, Vol.1, Rev.1, 'Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Portable Gauge Licenses,' dated September 2001 in the event of an incident. The radiation survey meter resides with the RSO at the Corporate office.
- b. The licensee shall conduct a physical inventory every six (6) months or at other intervals specified by the NRC to account for all sealed sources received and possessed under the license. The records of the inventories shall be maintained for five (5) years from the date of the inventory for inspection by the Commission, and shall include the quantities and kinds of byproduct material, manufacturer's name and model numbers, location of sealed sources and the date of the inventory.
- c. We will maintain, for inspection by NRC, documentation demonstrating that unmonitored individuals are not likely to receive, in one year, a radiation dose in excess of 10 percent of the allowable limits in 10 CFR Part 20.
- d. Operating and emergency procedures have been developed, implemented, and will be maintained to meet the criteria in the section entitled "Radiation Safety Program – Operating and Emergency Procedures" in NUREG-1556 Vol. 1, Rev.1 'Consolidated Guidance about Materials Licenses: Program Specific Guidance about Portable Gauge Licenses,' dated September 2001."
- e. Leak tests will be performed at intervals approved by NRC or an Agreement State and specified in the Sealed Source and Device Registration Sheet. Leak tests will be performed by an organization authorized by NRC or an Agreement State to provide leak testing services to other licenses or using a leak test kit supplied by an organization authorized by NRC or an Agreement State to provide leak test kits to other licensees and according to the kit supplier's instructions.
- f. We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions. We will send the gauge to the manufacturer or other person authorized by NRC or an Agreement State to perform non-routine maintenance or repair operations that require detaching the source or source rod from the gauge.

License Number: 39-32137-01

Control Number: 315266

To Whom it May Concern:

This letter is to serve as a request for an amendment to our license regarding the items below:

1. We would like to remove the following locations: 4475 Pounce Tract Road, Glenn Allen, Virginia and 340 Garfield Street, Kingsford, Michigan. The unit stored at 4475 Pounce Tract Road has been relocated to 8703 Walton Farms Ct. The unit stored at 340 Garfield Street has been relocated to a location in Wisconsin due to the associate leaving the employment of AstenJohnson. Leak tests for both units are provided (see attachments).



Jason Barnett

Radiation Safety Officer

4/21/09
Date

Mister

Palmetto Counting Systems
1416 Drexell Drive
Charleston, S.C. 29407
(843) 763-1255

AstenJohnson Corporation
4399 Corporate Road
Charleston, S.C. 29405

P.O # Verbal
Date of Leak Test: 12/15/08
Date of Next Leak Test: 6/15/09
Date of Report: 12/18/08

Ref: Leak Test Report

Attn: Mr. Jason Barnett
Corporate R.S.O.

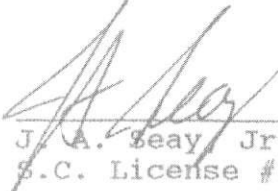
Summary: Less than 0.005 uci of removable activity from any of the below listed sources.

Radionuclide	Quantity	Manuf.	Model No.	SN:
Am-241	80 mci	NDC	104PWE	2569

All wipes were counted using a Nucleus-500 system with a NaI detector.

All standard sources have their calibration traceable to the National Institute of Standards and Technology.

The methods used for these tests are capable of detecting less than 0.005 uci of activity.



J. A. Seay, Jr.
S.C. License #423

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Charleston, S.C. 29407
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P.O # Verbal
Date of Leak Test: 5/30/08
Date of Next Leak Test: 11/30/08
Date of Report: 6/09/08

Ref: Leak Test Report

Attn: Mr. Jason Barnett
Corporate R.S.O.

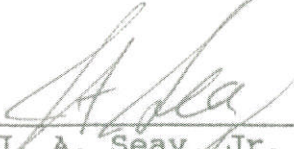
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P.O # Verbal
Date of Leak Test: 1/08/08
Date of Next Leak Test: 7/08/08
Date of Report: 1/14/08

Ref: Leak Test Report

Attn: Mr. Jason Barnett
Corporate R.S.O.


Summary: Less than 0.005 uci of removable activity from any
of the below listed sources.

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P.O # Verbal
Date of Leak Test: 7/24/07
Date of Next Leak Test: 1/24/08
Date of Report: 7/30/07

Ref: Leak Test Report

Attn: Mr. Jason Barnett
Corporate R.S.O.

Summary: Less than 0.005 uci of removable activity from any
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P.O # Verbal
Date of Leak Test: 3/08/09
Date of Next Leak Test: 9/08/09
Date of Report: 3/19/09

Ref: Leak Test Report

Attn: Mr. Jason Barnett
Corporate R.S.O.

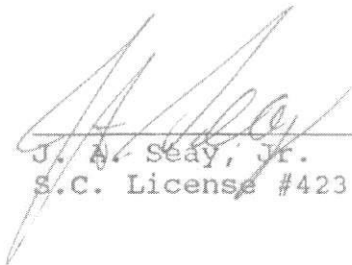
Summary: Less than 0.005 uci of removable activity from any
of the below listed sources.

Radionuclide	Quantity	Manuf.	Model No.	SN:
Am-241	80 mci	NDC	104PWE	2581

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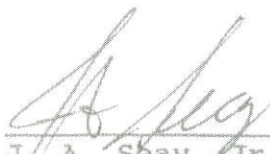
Summary: Less than 0.005 uci of removable activity from any
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Radionuclide	Quantity	Manuf.	Model No.	SN:
Am-241	80 mci	NDC	104P	12244

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Anderson

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Charleston, S.C. 29405

P.O # Verbal
Date of Leak Test: 9/26/08
Date of Next Leak Test: 3/26/09
Date of Report: 10/16/08

Ref: Leak Test Report

Attn: Mr. Jason Barnett
Corporate R.S.O.

Summary: Less than 0.005 uci of removable activity from any
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Am-241	80 mci	NDC	104PWE	2581

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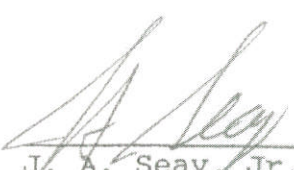
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P.O # Verbal
Date of Leak Test: 4/28/08
Date of Next Leak Test: 10/28/08
Date of Report: 5/01/08

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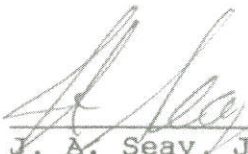
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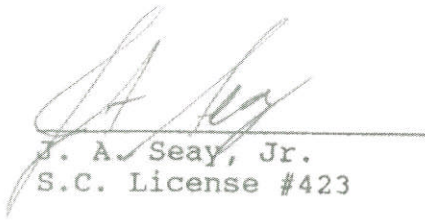
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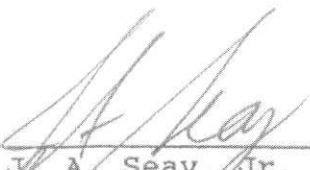
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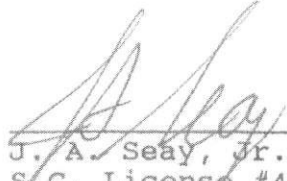
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