

**WHITLOCK DALRYMPLE POSTON & ASSOCIATES, INC.**  
**C O N S U L T I N G   E N G I N E E R S**

May 10, 2007

U.S. Nuclear Regulatory Commission, Region I  
475 Allendale Road  
King of Prussia, PA 19406

Q-2

Attention:      Dr. Sattar Lodhi – Health Physicist  
  
Subject:        **Clarification to Requested License Amendment**  
Whitlock Dalrymple Poston & Associates, Inc. (WDP)  
License No. 45-19018-01  
US NRC Control No. 140481      03015228

Reference:      Office Relocation/New Permanent Nuclear Gauge Storage  
Whitlock Dalrymple Poston & Associates, Inc. (WDP)  
10621 Gateway Boulevard, Suite 104  
Manassas, VA 20110  
License Number 45-19018-01, expiration date December 31, 2014;  
Prepared May 1, 2007

Dear Dr. Lodhi:

Consistent with our telephone discussion today, I have prepared this clarification letter regarding our request for license amendment due to office relocation and new permanent nuclear gauge storage location.

1 – I have reviewed the past leak test certificates for the 11 nuclear gauges WDP currently possesses and none of those leak tests indicate any detected leaks or amounts of removable contamination. These leak tests were performed on the 11 nuclear gauges formerly stored at WDP’s old office at 8832 Rixlew Lane, Manassas, VA 20109.

2 – WDP still possesses the same number and model of nuclear gauges as was stored at the old WDP office at 8832 Rixlew Lane, Manassas, VA 20109. See attached copy of latest calibration and leak test schedule as well as latest physical inventory done at 8832 Rixlew Lane, Manassas, VA 20109.

3 – Please note that the new WDP office has a mailing address (Suite 200) different than the nuclear gauge storage address, as the 11 nuclear gauges are stored on the first floor (Suite 104) of our new 2-story office building.

MANASSAS, VIRGINIA  
AUSTIN, TEXAS  
SO. NORWALK, CONNECTICUT

WDP Nuclear Gauge Storage Address	WDP Office Mailing Address
10621 Gateway Boulevard, Suite 104 Manassas, VA 20110	10621 Gateway Boulevard, Suite 200 Manassas, VA 20110



I trust you find this information satisfactory. Please contact me if any questions.

Respectfully submitted,  
**WHITLOCK DALRYMPLE POSTON & ASSOCIATES, INC.**

Robert J. Niber, P.E.  
Associate/Radiation Safety Officer

140481

NMSS/RGN1 MATERIALS-002

10621 GATEWAY BLVD.  
SUITE 200  
MANASSAS, VA 20110  
703-257-9280 TEL  
571-292-9842 FAX  
www.wdpa.com

**Portable Nuclear Density Gauges  
Calibration and Leak Testing Schedule**  
Updated: 05/01/07

Due by  
9/20/07

Gauge No.	Serial No.	Manufacturer & Model	Last Leak Test	Next Leak Test	Last Calibration	Next Calibration
1	10624	Troxler 3411-B	2/27/07	8/27/07	7/5/05	7/5/07
2	8904	Troxler 3411-B	3/2/07	9/2/07	2/16/07	2/16/09
3	34613	Troxler 3430	3/2/07	9/2/07	9/27/06	9/27/08
4	9512	Troxler 3411-B	3/2/07	9/2/07	10/7/05	10/7/07
5	12329	Troxler 3411-B	3/2/07	9/2/07	3/13/07	3/13/09
6	30093	Troxler 3430	3/2/07	9/2/07	9/28/06	9/28/08
7	15823	Troxler 3411-B	05/1/07	11/01/07	10/10/05	10/10/07
8	16140	Troxler 3411-B	3/2/07	9/2/07	3/13/07	3/13/09
9	12881	Troxler 3411-B	3/2/07	9/2/07	12/1/05	12/1/07
10	30100	Troxler 3430	2/27/07	8/27/07	12/2/05	12/2/07
11	34614	Troxler 3430	3/2/07	9/2/07	9/27/06	9/27/08

**Leak Tests** -- To be done at intervals not to exceed 6 months per NRC License No. 45-19018-01  
**Calibration** -- To be done at intervals not to exceed 24 months per ASTM D2922/D3017

**Document Number:** NDG-1

**Revision Date:** 10/31/05

## Physical Inventory of Portable Nuclear Gauges

Condition 16 of NRC License No. 45-19018-01 (interval not to exceed 6 months)

Date of Physical Inventory: 3/20/07

Conducted by: Rob Niber, P.E. - RSO

Principal Review and Date:  3/22/07

Date of Next Physical Inventory: Due by September 20, 2007

Gauge No.	Manufacturer & Model No.	Gauge Serial No.	Radionuclides/Quantity Source Serial No.		Location & Condition
1 3/20/07	Troxler 3411-B	10624	Cs-137 (8.6 mCi) Am-241:Be (40 mCi)	40-8061 46-2046	WDP Lab Storage Locked/Secured Good Shape
2 3/20/07	Troxler 3411-B	8904	Cs-137 (8.2 mCi) Am-241:Be (40mCi)	40-6202 47-5350	WDP Lab Storage Locked/Secured Good Shape
3 3/20/07	Troxler 3430 (10/24/05)	34613	Cs-137 (8.0 mCi) Am-241:Be (40 mCi)	77-1741 47-1764	WDP Lab Storage Locked/Secured Very Good Shape
4 3/20/07	Troxler 3411-B	9512	Cs-137 (8.8 mCi) Am-241:Be (40 mCi)	40-6958 47-6143	WDP Lab Storage Secured/Locked Good Shape
5 3/20/07	Troxler 3411-B	12329	Cs-137 (7.8 mCi) Am-241:Be (40 mCi)	50-1079 47-7627	WDP Lab Storage Locked/Secured Good Shape
6 3/20/07	Troxler 3430	30093	Cs-137 (8.0 mCi) Am-241:Be (40 mCi)	750-4227 47-27147	WDP Lab Storage Locked/Secured Very Good Shape
7 3/20/07	Troxler 3411-B	15823	Cs-137 (8.0 mCi) Am-241:Be (40 mCi)	50-4847 4711548	WDP Lab Storage Locked/Secured Good Shape
8 3/20/07	Troxler -3411-B	16140	Cs-137 (8.0 mCi) Am-241:Be (40 mCi)	50-5230 4711548	WDP Lab Storage Locked/Secured Good Shape
9 3/20/07	Troxler 3411-B	12881	Cs-137 (8.1 mCi) Am-241:Be (40 mCi)	50-0780 47-8129	WDP Lab Storage Locked/Secured Good Shape
10 3/20/07	Troxler 3430	30100	Cs-137 (8.0 mCi) Am-241:Be (40 mCi)	750-4234 47-27245	WDP Lab Storage Secured/Locked Very Good Shape
11 3/20/07	Troxler 3430	34614	Cs-137 (8.0 mCi) Am-241:Be (40 mCi)	77-1742 47-18623	WDP Lab Storage Locked/Secured Very Good Shape

Comments: \_\_\_\_\_

WDP Form: NUC-Phys Inv.

Revision Date: 10/23/05