

MEMORANDUM FOR RECORD

SUBJECT: Radon Survey Conducted at 515 Sherman Court.

1. Survey Equipment

- a. Sun Nuclear Model 1028
Serial Number: 59237175
Calibration Due Date: 25 Nov 13
- b. Sun Nuclear Model 1028
Serial Number: 59237181
Calibration Due Date: 25 Nov 13

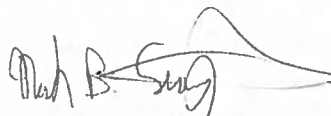
2. A radon survey was conducted at 515 Sherman Court from 25 Oct 13 – 1 Nov 13 after the installation of an active radon mitigation system. Radon detectors were placed on the basement level and the first floor. Hourly measurements were recorded using the radon detectors listed above.

3. The average radon levels recorded during the survey were 2.7 picoCuries per Liter (pCi/L) in the basement and 1.4 pCi/L on the first floor.

4. The result of the survey is below the U.S. Environmental Protection Agency action level of 4 pCi/L. The radon mitigation system significantly lowered the radon levels to below the recommended action level. Periodic testing of the radon levels should occur at least every 5 years.

5. Team Tobyhanna - Excellence in Electronics!

Encl



Noah B. Stagliano
Health Physicist, Safety Division

18466
 570-615-7028
 Sun Nuclear Model: 1028 CRM
 Serial Number: 59237175
 Calibration Date: 11/30/2012
 Correction Fact: 2.58720

Start Date/Time: 10/25/2013 12:40
 End Date/Time: 11/01/2013 10:40
 Time Delay: 0.0

-----10/25/2013-----

TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l
13:40	1.2		14:40	2.3		15:40	0.8
16:40	1.2		17:40	1.5		18:40	1.2
19:40	2.3		20:40	0.4		21:40	1.5
22:40	2.3		23:40	2.3			

-----10/26/2013-----

TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l
00:40	1.2		01:40	1.5		02:40	3.1
03:40	0.4		04:40	1.9		05:40	0.0
06:40	1.2		07:40	1.2		08:40	2.3
09:40	1.2		10:40	0.8		11:40	1.2
12:40	0.4		13:40	1.2		14:40	1.2
15:40	2.3		16:40	0.4		17:40	1.5
18:40	1.5		19:40	2.7		20:40	1.5
21:40	2.7		22:40	2.3		23:40	2.3

-----10/27/2013-----

TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l
00:40	1.9		01:40	2.3		02:40	1.5
03:40	3.5		04:40	2.3		05:40	1.5
06:40	2.3		07:40	2.3	M	08:40	1.5
09:40	1.2		10:40	0.8		11:40	1.2
12:40	1.2		13:40	1.2		14:40	2.3
15:40	0.8		16:40	1.5		17:40	0.4
18:40	1.2		19:40	1.5		20:40	1.2
21:40	0.4		22:40	1.5		23:40	0.8

-----10/28/2013-----

TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l
00:40	1.9		01:40	0.8		02:40	1.5
03:40	0.4		04:40	2.3		05:40	3.1
06:40	0.4		07:40	1.5		08:40	0.4
09:40	0.8		10:40	2.3		11:40	0.8
12:40	1.2		13:40	0.8		14:40	0.8
15:40	0.8		16:40	1.5		17:40	0.4
18:40	0.8		19:40	1.2		20:40	1.2
21:40	0.4		22:40	0.8		23:40	1.2

-----10/29/2013-----

TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l
00:40	1.2		01:40	1.5		02:40	0.8
03:40	0.4		04:40	1.5		05:40	1.2
06:40	2.7		07:40	1.2		08:40	1.9
09:40	1.5		10:40	0.4		11:40	1.9
12:40	0.8		13:40	2.7		14:40	2.7
15:40	1.2		16:40	1.9		17:40	0.8
18:40	1.5		19:40	1.5		20:40	0.4
21:40	0.8		22:40	0.8		23:40	3.1

-----10/30/2013-----

TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l
00:40	1.9		01:40	0.4		02:40	1.5
03:40	0.8		04:40	0.8		05:40	0.4
06:40	1.5		07:40	0.8		08:40	0.8
09:40	1.5		10:40	1.2		11:40	1.9
12:40	1.5		13:40	1.5		14:40	1.9
15:40	1.9		16:40	0.8	M	17:40	1.9
18:40	1.9		19:40	2.3		20:40	1.2
21:40	1.5		22:40	0.0		23:40	0.8

-----10/31/2013-----

TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l
00:40	1.2		01:40	0.8		02:40	0.4
03:40	2.3		04:40	0.8		05:40	2.3
06:40	2.3		07:40	2.3		08:40	1.2
09:40	0.4		10:40	1.9		11:40	0.8
12:40	0.0		13:40	0.8		14:40	1.2
15:40	1.9		16:40	1.2		17:40	1.5
18:40	0.4		19:40	1.5		20:40	0.8
21:40	0.8		22:40	0.8		23:40	1.5

-----11/01/2013-----

TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l
00:40	1.5		01:40	0.4		02:40	1.2
03:40	0.8		04:40	1.9		05:40	1.2
06:40	1.5		07:40	1.2		08:40	1.5
09:40	2.7		10:40	2.3			

-----END-----

Elapsed Time: 006 days 22 hrs 00 mins
 Overall Avg: 1.4
 EPA Avg: 1.4

Test Performed For:

515 Sherman Ct
First Floor

Tobuyanna Army Depot
11 Har Arnold Blvd

Tobuyanna
PA
18466
570-615-7028
Sun Nuclear Model: 1028 CRM
Serial Number: 59237181
Calibration Date: 11/30/2012
Correction Fact1: 2.57259

Start Date/Time: 10/25/2013 12:35
End Date/Time: 11/01/2013 10:35
Time Delay: 0.0

-----10/28/2013-----

TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l
00:35	1.9		01:35	2.3		02:35	1.9
03:35	1.9		04:35	2.3		05:35	3.1
06:35	1.9		07:35	1.9		08:35	2.3
09:35	3.5		10:35	1.2		11:35	1.9
12:35	0.4		13:35	3.1		14:35	1.9
15:35	1.9		16:35	2.3		17:35	3.1
18:35	2.3		19:35	3.1		20:35	1.9
21:35	2.7		22:35	3.5		23:35	1.6

-----10/29/2013-----

TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l
00:35	2.7		01:35	3.5		02:35	3.1
03:35	2.7		04:35	1.2		05:35	3.1
06:35	0.8		07:35	2.3		08:35	1.9
09:35	1.9		10:35	1.6		11:35	3.1
12:35	3.5		13:35	5.1		14:35	1.6
15:35	1.9		16:35	3.5		17:35	0.8
18:35	1.6		19:35	2.3		20:35	4.3
21:35	1.9		22:35	1.6		23:35	1.6

-----10/25/2013-----

TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l
13:35	1.2		14:35	1.6		15:35	5.1
16:35	1.6		17:35	2.3		18:35	2.7
19:35	5.8		20:35	2.7		21:35	2.3
22:35	1.6		23:35	2.7			

-----10/26/2013-----

TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l
00:35	3.9		01:35	2.3		02:35	5.1
03:35	4.7		04:35	3.5		05:35	3.9
06:35	1.6		07:35	1.2		08:35	2.3
09:35	2.3		10:35	2.7		11:35	1.2
12:35	4.3		13:35	3.5		14:35	2.7
15:35	3.5		16:35	3.1		17:35	4.7
18:35	2.3		19:35	3.1		20:35	1.9
21:35	3.1		22:35	4.3		23:35	5.1

-----10/27/2013-----

TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l
00:35	4.3		01:35	2.7		02:35	1.9
03:35	4.7		04:35	4.3		05:35	4.3
06:35	4.3		07:35	3.1		08:35	2.3
09:35	2.3		10:35	3.1		11:35	3.5
12:35	2.7		13:35	1.6		14:35	1.9
15:35	3.5		16:35	2.7		17:35	2.3
18:35	1.6		19:35	2.3		20:35	3.1
21:35	2.7		22:35	3.5		23:35	2.3

-----10/30/2013-----

TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l
00:35	2.7		01:35	3.1		02:35	4.7
03:35	3.5		04:35	2.3		05:35	1.9
06:35	2.3		07:35	1.6		08:35	0.4
09:35	0.8		10:35	1.2		11:35	2.3
12:35	2.3		13:35	2.7		14:35	1.9
15:35	2.3		16:35	1.9		17:35	2.7
18:35	1.6		19:35	3.5		20:35	1.9
21:35	2.7		22:35	2.3		23:35	2.3

-----10/31/2013-----

TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l	M	TIME hh:mm	CNT pCi/l
00:35	1.6		01:35	2.3		02:35	2.3
03:35	1.9		04:35	3.9		05:35	1.2
06:35	2.7		07:35	2.3		08:35	1.6
09:35	2.7		10:35	0.8		11:35	0.8
12:35	3.1		13:35	2.3		14:35	3.5
15:35	2.7		16:35	1.9		17:35	3.9
18:35	2.3		19:35	2.3		20:35	2.7
21:35	1.9		22:35	2.7		23:35	3.5

