

**APPENDIX A-1
FINAL STATUS SURVEY RESULTS**

SU Description & Number: BSA 02-13 NE U-Shaped Area Floors and Walls		Survey Log Number: HDP-PF-110515-073		Date: 11/05/15
Technician(s): Mark Shaffer (Print Name/Sign/Date) Chris Chandler		Reviewed By: ELEX C. JAKUB (Print Name/Sign/Date)		Time: 1430

Instrument # 1:				Instrument # 2:				Tennelec/Ludlum 2929:			
Instrument & Probe	43-93/ 2360 G	MDA (dpm/100cm ²)	642	Instrument & Probe	43-93/ 2360 K	MDA (dpm/100cm ²)	230	Unit #: 2929 S/N 160023	"S"	Cal. Due:	10/28 /16
Instrument SN:	227415	Bkg 1:	163	Instrument SN:	253289	Bkg 1:	336	Alpha Bkg:	0.3	Beta Bkg:	42.1
Cal Due Date:	10/15/16	Bkg 2:	154	Cal Due Date:	11/07/15	Bkg 2:	319	Alpha Eff.	24.5%	Beta Eff:	21.2%
Probe Size:	100 cm ²	Bkg 3:	164	Probe Size:	584 cm ²	Bkg 3:	315	Alpha MDA (dpm)	22.6	Beta MDA (dpm)	157
Weighted Eff.:	9.64%	Ave. Bkg:	160	Weighted Eff.:	6.45%	Ave. Bkg:	323	Batch No:	N/A		

Sample No.	Instrument Number (i.e., 1 or 2)	Description	Removable Alpha		Removable Beta		Total Contamination (α + β)		DCGL Fraction
			Net cpm	DPM/ 100cm ²	Net cpm	DPM/ 100cm ²	Gross cpm	DPM/ 100cm ²	
01	G	B02-13-01-S-F-S-00	2	7	-8	-38	243	858	4.5%
02	G	B02-13-02-S-F-S-00	1	3	7	33	233	754	4.0%
03	G	B02-13-03-S-F-S-00	1	3	-5	-24	207	484	2.6%
04	G	B02-13-04-S-F-S-00	0	-1	-2	-10	240	826	4.4%
05	G	B02-13-05-S-F-S-00	0	-1	8	37	258	1010	5.4%
06	G	B02-13-06-S-F-S-00	1	3	-2	-10	234	764	4.0%
07	G	B02-13-07-S-F-S-00	2	7	-1	-5	250	930	4.9%
08	G	B02-13-08-S-F-S-00	1	3	-7	-33	238	806	4.3%
09	G	B02-13-09-S-F-S-00	0	-1	4	18	242	847	4.5%
10	G	B02-13-10-S-F-S-00	1	3	2	9	260	1030	5.5%
11	G	B02-13-11-S-F-S-00	2	7	-3	-15	256	992	5.2%
12	G	B02-13-12-S-F-S-00	0	-1	3	14	286	1300	6.9%
13	G	B02-13-13-S-W-S-00	1	3	1	4	181	214	1.1%
						A			
					N				

COMMENTS: Systematic directs performed with 43-93 "G" on locations 1 – 14 on 01/11/16. Max scan rate on floors indicates <1200 dpm/100cm² (6% DCGL) activity. Max scan rate on walls indicates <3110 dpm/100cm² (16% DCGL) activity.

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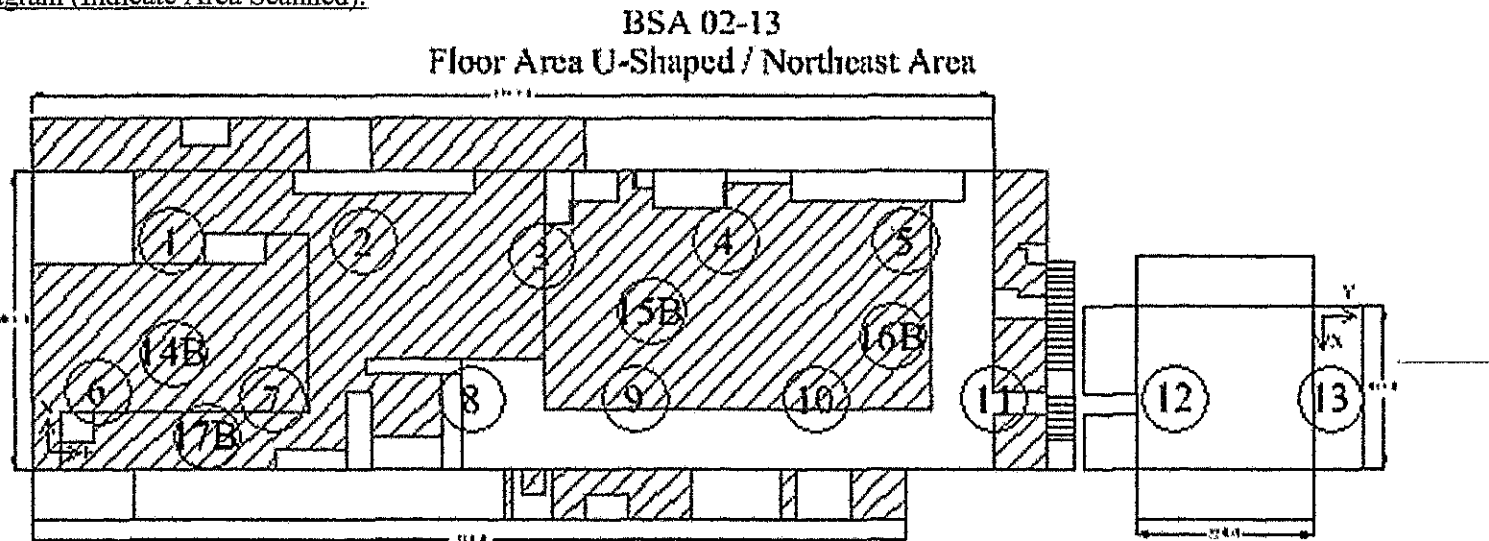
Date: 11/05/15

Technician(s): Mark Shaffer *Mark Shaffer 1-22-16*
Chris Chandler *Chris Chandler 1-22-16*

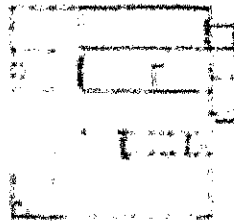
Reviewed By: *ELWENC JAKUB 1-22-16*

Time: 1430

Survey Area Map / Diagram (Indicate Area Scanned):



Scanned Area
54% Coverage



Location	Scan Type	Scan Date	Scan Time	Scan Duration	Scan Status	Scan Results	Scan Notes
1	Wall	11/05/15	14:30	15:00	Success	0.0	
2	Wall	11/05/15	14:30	15:00	Success	0.0	
3	Wall	11/05/15	14:30	15:00	Success	0.0	
4	Wall	11/05/15	14:30	15:00	Success	0.0	
5	Wall	11/05/15	14:30	15:00	Success	0.0	
6	Wall	11/05/15	14:30	15:00	Success	0.0	
7	Wall	11/05/15	14:30	15:00	Success	0.0	
8	Wall	11/05/15	14:30	15:00	Success	0.0	
9	Wall	11/05/15	14:30	15:00	Success	0.0	
10	Wall	11/05/15	14:30	15:00	Success	0.0	
11	Wall	11/05/15	14:30	15:00	Success	0.0	
12	Wall	11/05/15	14:30	15:00	Success	0.0	
13	Wall	11/05/15	14:30	15:00	Success	0.0	
14B	Wall	11/05/15	14:30	15:00	Success	0.0	
15B	Wall	11/05/15	14:30	15:00	Success	0.0	
16B	Wall	11/05/15	14:30	15:00	Success	0.0	
17B	Wall	11/05/15	14:30	15:00	Success	0.0	

COMMENTS: Directs performed with 43-93 "G" on locations 1 – 17B on 01/11/16. Floor scans performed from 11/05/15 through 01/08/16 using 43-37 "K". Wall scans performed from 11/05/15 – 11/20/15 using 43-93s "G", "L", and "R". Total scan percentage was 54%, exceeding the 10% Class 2 survey unit minimum.