Hematite Decommissioning Project	Procedure: HDP-PR-FSS-712, Final Status Surveys of Structures, Systems, and Components (SSCs)	Revision: 5	Page A-1 of 2

APPENDIX A-1
FINAL STATUS SURVEY RESULTS

Survey Unit Description & Survey Unit Number:	FSS of BSA 04-16			Survey Log Number:	7484 R 160514					Date:	5/13/2016
Technician(s): Print/Sign/Date	Andrew Schooley 5-13-16			Reviewed by: Print/Sign/Date	Josh Bushman		5/17/16			Time:	8:30
Instrument # 1				**Instrument # 2**				**Tennelec**			
Instrument & Probe:	Lud 2360 43-89 I	MDA (dpm/100cm²):	659.5	Instrument & Probe:	N/A	MDA (dpm/100cm²):	N/A	Unit #:	1	Cal Due:	9/11/16
Instrument SN:	275770	Bkg 1:	264	Instrument SN:	N/A	Bkg 1:	N/A	Alpha Bkg:	0.5	Beta Bkg:	2.8
Cal Due Date:	2/24/2017	Bkg 2:	302	Cal Due Date:	N/A	Bkg 2:	N/A	Alpha Eff:	25.3%	Beta Eff:	25.4%
Probe Size:	125	Bkg 3:	289	Probe Size:	N/A	Bkg 3:	N/A	Alpha MDA (dpm):	12.0	Beta MDA (dpm):	24.7
Weighted Eff.:	9.6%	Ave. Bkg:	285	Weighted Eff.:	N/A	Ave. Bkg:	N/A	Batch No:	52189		

Comments: Peformed FSS of the structural surfaces in BSA 04-16. Survey consists of Static Measurements, Smears, and, Surface Scan Coverage using a 2360. 100% of the structural surfaces were scanned with 2360 'I', resulting in 0 elevated readings above the IAL. Survey was performed IAW Procedure HDP-PR-FSS-701 Appendix P-3 for BSA 04-16. See below for Smear and Static Measurement data.

Sample No.	Instrument Number (i.e., 1 or 2)	Description	Removable Alpha		Removable Beta		Total Contamination (α + β)		DCGL Fraction
			Net CPM	DPM / 100cm²	Net CPM	DPM / 100cm²	Gross CPM	DPM / 100cm²	
1	1	B04-16-01-S-F-S-00	1.6	6.2	-2.3	0.0	275	0	0.00
2	1	B04-16-02-S-F-S-00	0.5	2.1	1.1	4.2	304	159	0.01
3	1	B04-16-03-S-F-S-00	1.6	6.1	-1.3	0.0	286	8	0.00
4	1	B04-16-04-S-F-S-00	1.5	6.1	-0.3	0.0	362	644	0.03
5	1	B04-16-05-S-F-S-00	-0.5	0.0	2.4	9.5	229	0	0.00
6	1	B04-16-06-S-F-S-00	1.5	6.1	-0.3	0.0	288	25	0.00
7	1	B04-16-07-S-F-S-00	-0.5	0.0	3.4	13.4	393	903	0.05
8	1	B04-16-08-S-F-S-00	-0.5	0.0	2.4	9.5	277	0	0.00
9	1	B04-16-09-S-F-S-00	2.5	10.0	-0.6	0.0	193	0	0.00
10	1	B04-16-10-S-F-S-00	0.5	2.1	0.1	0.2	237	0	0.00
11	1	B04-16-11-S-F-S-00	-0.4	0.0	-1.6	0.0	230	0	0.00
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A