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 04-17			Survey Log Number:	7475 C 160512					Date:	5/12/2016
Technician(s): Print/Sign/Date	John Michel/ 5/17/16			Reviewed by: Print/Sign/Date	Josh Bushman/ 5/18/16					Time:	15:00
Instrument # 1				**Instrument # 2**				**Tennelec**			
Instrument & Probe:	Lud 2360 43-89 A	MDA (dpm/100cm²):	775.2	Instrument & Probe:	N/A	MDA (dpm/100cm²):	N/A	Unit #:	1	Cal Due:	9/11/16
Instrument SN:	237312	Bkg 1:	204	Instrument SN:	N/A	Bkg 1:	N/A	Alpha Bkg:	0.5	Beta Bkg:	2.8
Cal Due Date:	7/8/2016	Bkg 2:	178	Cal Due Date:	N/A	Bkg 2:	N/A	Alpha Eff:	25.3%	Beta Eff:	25.4%
Probe Size:	125	Bkg 3:	243	Probe Size:	N/A	Bkg 3:	N/A	Alpha MDA (dpm):	12.0	Beta MDA (dpm):	24.7
Weighted Eff.:	7.0%	Ave. Bkg:	208	Weighted Eff.:	N/A	Ave. Bkg:	N/A	Batch No:	52190		

Comments: Performed FSS of the structural surfaces in BSA 04-17. Survey consists of Static Measurements, Smears, and, Surface Scan Coverage using a 2360. 100% of the structural surfaces were scanned with 2360 'A', resulting in 0 elevated readings above the IAL. Survey was performed IAW Procedure HDP-PR-FSS-701 Appendix P-3 for BSA 04-17. 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	B04-17-01-S-F-S-00	1.5	5.9	2.7	10.7	253	514	0.03
2	1	B04-17-02-S-F-S-00	-0.5	0.0	0.4	1.6	324	1330	0.07
3	1	B04-17-03-S-F-S-00	3.5	14.0	-1.0	0.0	255	537	0.03
4	1	B04-17-04-S-F-S-00	0.5	2.1	1.1	4.2	208	0	0.00
5	1	B04-17-05-S-F-S-00	2.5	9.8	4.4	17.3	190	0	0.00
6	1	B04-17-06-S-F-S-00	-0.5	0.0	3.4	13.4	215	77	0.00
7	1	B04-17-07-S-F-S-00	-0.5	0.0	0.4	1.6	214	65	0.00
8	1	B04-17-08-S-F-S-00	1.6	6.1	-1.3	0.0	176	0	0.00
9	1	B04-17-09-S-F-S-00	-0.5	0.0	1.4	5.5	209	8	0.00
10	1	B04-17-10-S-F-S-00	-0.5	0.0	2.4	9.5	237	330	0.02
11	1	B04-17-11-S-F-S-00	0.5	2.1	1.1	4.2	240	364	0.02
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