

ATTACHMENT B

SUMMARY OF PIC AND TLD DATA

Background areas were selected as location numbers 8, 10, 11, 37 and 38. This selection was based upon the physical location relative to the facility and confirmed by survey meter measurements performed with the SPA-3 and SPA-3A sodium iodide crystal detectors. Arithmetic means were calculated for the pressurized ion chamber (PIC) data and for the TLD data from the above 5 locations. For the purpose of this report, background values were established as the mean value plus two times the standard deviation for each set of data and rounded up to the nearest 0.1 μR per hour. The PIC background value was established at 10.1 μR per hour, and the TLD background value was established at 23.4 $\mu\text{R/hr.}$ The net values above background are presented below. Refer to the text of Report 78-03 for further discussion, specifically location numbers 6, 23, 31, 32, and 41.

<u>NO.</u>	<u>LOCATION</u>	<u>PIC</u> ($\mu\text{R/hr.}$)	<u>TLD NO.</u>	<u>TLD</u> ($\mu\text{R/hr.}$)
1.	Parking lot, start time	0.7	N/A	
	Parking lot, stop time	1.0	N/A	
	^{137}Cs check source surface	N/A	N/A	
2.	Secretary Office	1.1	19	BG
3.	Telephone pole by RR	BG	20	BG
4.	Well No. 2	BG	21	BG
5.	Foster Drive and Route 892	1.1	N/A	
6.	U. S. Post Office, 26181	BG	Ctl-3	4.9
7.	Power pole, Foster Drive	3.1	22	2.0
8.	Power pole, parking lot	BG	23	BG
9.	Barnsite, Foster Drive	BG	N/A	
10.	Tree near gas well	BG	Ctl-4	BG
11.	Bldg. at pond	BG	24	BG
12.	Dirt fill south of hay field	13.4	25	15.6

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<u>NO.</u>	<u>LOCATION</u>	<u>PIC</u> (μ R/hr.)	<u>TLD NO.</u>	<u>TLD</u> (μ R/hr.)
13.	Ravine bed, boundary	34.7	26	24.9
14.	Fill dirt, east of #12	BG	42	BG
15.	Fill dirt, west of #12	BG	N/A	
16.	NE of Bldg. B, stream	BG	27	BG
17.	Dry Stream, east of Bldg. B	BG	28	BG
18.	Southeast boundary	BG	29	BG
19.	Boundary, SE of Bldg. B	BG	30	BG
20.	Boundary, south of Bldg. B	BG	31	BG
21.	Boundary, east of ravine	BG	32	BG
22.	Area "N" at ravine	40.2	N/A	
23.	Area "M" at ravine	52.9	40	85.5
24.	Area "O"	192.9	N/A	
25.	Area "P"	63.9	N/A	
26.	Area "J", south of Bldg. D	63.4	N/A	
27.	Pit, Bldg. 13	297.9	N/A	
28.	Bldg. D, 30 ft. from inner ofc	2.6	N/A	
28A.	Steel beam, 6 ft. from pit	N/A	33	2
29.	Inner office, Bldg. D	BG	34	BG
30.	Clock area, Bldg. C	BG	35	BG
31.	Oil pump, Bldg. C	343.9	36	0.6
32.	Northwest door, Bldg. C	58.9	37	28.7
33.	50 feet west of Bldg. C	343.9	N/A	

<u>NO.</u>	<u>LOCATION</u>	<u>PIC</u> (μ R/hr.)	<u>TLD NO.</u>	<u>TLD</u> (μ R/hr.)
34.	Bldg. F, west inside	BG	38	BG
35.	Trench, Bldg. F, SW corner	9.5	39	BG
36.	Bldg. F, 15 feet west	20.9	N/A	
37.	Pond, S. E. corner	BG	43	BG
38.	West Perimeter	BG	44	BG
39.	"L" building site	343.9	N/A	
40.	Loading hopper area	100.9	N/A	
41.	East fence area (TLD at 100K reading)	343.9	45	548.1
42.	25 feet East of tower	256.9	N/A	
43.	North fence, 50 ft. N of ofc	205.9	N/A	
43A.	Window ledge, office Bldg.	7.8	46	6.4
44.	North of tower	66.9	N/A	
45.	Power pole, NE of office	3.7	47	2.7
46.	Tree on Hill E. of Rt. 892	N/A	48	BG
47.	Tree, end of ravine at hay field	16.4	41	12.9
48.	20' into hay field, from ravine	1.6	N/A	
49.	Tree, 2/3 down ravine from S boundary	N/A	49	32.5
50.	Tree, 1/3 down ravine from S. Boundary	BG	50	26.3
51.	Sheriff Bechtold's Office	N/A	Ctl-5	BG

Attachment B

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*N/A - Not Available or Not Applicable
**BG - Background
***Ctl represents a "Control" TLD number



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA STREET, N.W.
ATLANTA, GEORGIA 30303

Report No.: 78-04

License Nos.: SMA-1219 and STB 440

Licensee: AMAX Specialty Metals, Inc.
P. O. Box 32
Akron, New York 14001

Facility Name: Parkersburg Facility

Inspection at: Washington, West Virginia

Inspection conducted: August 7 to August 11, 1978 and August 28 and 29, 1978

Inspector: R. A. Brown

Accompanying Personnel: D. Montgomery
J. Potter
K. Clark

Reviewed by:

J. P. Potter
J. P. Potter, Chief
Fuel Facilities and Materials Safety Section
Fuel Facility and Materials Safety Branch

10/3/78
Date

Inspection Summary

Inspection on August 7-11 and 28-29, 1978: (Report No. 78-04)

Areas Inspected: Special, announced inspection at the AMAX/Foster Washington plant to observe survey being performed by Atcor Inc., to collect environmental samples, to evaluate radiation levels in storm drainage system, to provide ground support for EG&G aerial survey and to meet with various media representatives. The inspection involved approximately 96 inspector-hours by three NRC inspectors.

Results: No items of noncompliance or deviations were identified.