

MA. 17-3

NATIONAL LEAD COMPANY OF OHIO
HEALTH AND SAFETY DIVISION - ANALYTICAL DEPT.
ANALYTICAL DATA SHEET

OFFICE

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INDUSTRIAL HYGIENE AND RADIATION DEPT.

ANALYTICAL CHEMISTRY SECTION

I. H. NO. 710	SAMPLE NOS. 7	DATE COLLECTED: 2/14/68	BY: EL	ROUTE TO: EL	DATE RECEIVED: 2-16-68	BY:
LOCATION: C. G. SARGENT & SONS - MASS.		TYPE OF SAMPLE: AIR DUST		ANALYZED FOR: Alpha		DATE REPORTED: 2-21-68
REMARKS: Thorium - Extruder & Drying Oven Test.				METHOD OF ANALYSIS: Mac # 3 1415 hrs. 2.		BY: R.T.
				COUNTING DATA: BKGD .31 c/m GEO 40%		

SAMPLE NO.	HOUR	SAMPLE DESCRIPTION	R	T	Q	c	T	c/m	d/ml
0897	8 ⁴⁵	GA BACK GROUND - 3' SOUTH OF EXTRUDER	.07	15	.45	13	30	.12	3
0900	8 ⁴⁵	GA BACK GROUND S' SW OF OVEN	.07	15	.45	11	30	.06	1
0899	9 ¹⁰	BZ Shoveling Thorium into Extruder	.07	2	.06	16	30	.24	20
0898	9 ¹⁰	GA While Shoveling into Extruder	.07	17	.39	12	30	.11	1
4717	11 ⁰⁰	GA While Extruder WAS RUNNING	.07	35	1.05	35	30	.88	3
4698	11 ¹⁴	GA While Extruder was running Weighing AT OVEN AREA	.07	15	.45	58	30	1.64	18
4692	11 ³⁰	GA OVEN AREA - Weighing performed	.03	30	.90	49	30	1.34	7
		GA		45					

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2	Industrial Hygiene & Radiation Dept.
3	Water Treatment Plant (For Water Samples Only)

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INDUSTRIAL HYGIENE AND RADIATION DEPT.				ANALYTICAL CHEMISTRY SECTION			
I.H. NO. 270	SAMPLE NOS. 8	DATE COLLECTED 11/19/68	BY EL.	ROUTE TO E.L.	DATE RECEIVED 11-21-69	BY	
LOCATION C. G. SARGENT & SONS		TYPE OF SAMPLE AIR DUST		ANALYZED FOR		DATE REPORTED 11/13/69	
REMARKS URANIUM SUMP CAKE DRIED RECENTLY - NO EXTERNAL READINGS OBTAINABLE (DRYING THORIUM IN FCC.)				F	Alpha	BY R. Pellard	
				U	Beta	METHOD OF ANALYSIS MAC # 3 1205th 1/8	
				NO ₃	Ra	BY	
				Oil	pH	COUNTING DATA	
				Be	Th	BKGD .14 cpm	GEO 40%
				Cl	TSS		

SAMPLE NO.	HOUR	SAMPLE DESCRIPTION	R	T	Q	C	T	cpm	d/m/h
1	9:55	BACKGROUND 8' W OF FCC	.03	5	.15	9	30	.16	5
2	9:55	BACKGROUND 3' W OF FCC	.03	5	.15	6	30	.06	2
3	10:22	8' W OF FCC	.07	18	.54	15	30	.36	3
4	10:22	3' W OF FCC	.07	18	.54	13	30	.29	3
5	10:48	8' W OF FCC	.03	17	.51	16	30	.39	4
6	10:48	3' W OF FCC	.03	17	.51	14	30	.33	3
11/20/68									
7	10:55	8' W OF FCC	.03	107	3.21	46	30	1.39	2
8	10:55	3' W OF FCC	.03	107	3.21	32	30	.99	2

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DOCKET CROSS REFERENCE
BY FACILITY LOCATION

11/07/78

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FACILITY LOCATION	FACILITY NAME	DOCKET NBR
MA ROSTON	NEW ENGLAND DEACONESS HOSP	40-8042
MA BURLINGTON	TECH OPER	40-3079
MA BURLINGTON	TECH OPER	40-3079Z
MA CAMBRIDGE	MA INST OF TECH	40-0644
MA CAMBRIDGE	MA INST OF TECH	40-0644Z
MA CAMBRIDGE	NUC METALS	40-0672Y
MA CAMBRIDGE	NUC METALS	40-0672Z
MA CAMBRIDGE	MYERSON TOOTH	40-550R
MA CAMBRIDGE	MYERSON TOOTH	40-550RZ
MA CAMBRIDGE	MA INST OF TECH	40-5577
MA CAMBRIDGE	MA INST OF TECH	40-5577Z
MA CAMBRIDGE	MA INST OF TECH	40-7590
MA CONCORD	NUC METALS	40-0672
MA CONCORD	NUC METALS/DIV OF TEXTRON	40-0672X
MA GRANITEVILLE	C G SARGENTS	40-7659
MA NATICK	NATICK LAB	40-7453
MA NORTH ADAMS	SPRAGUE ELEC	40-229R
MA NORTH ADAMS	SPRAGUE ELEC	40-2298Y
MA NORTH ADAMS	SPRAGUE ELEC	40-2298Z
MA NORTHAMPTON	COOLEY DICKINSON HOSP	40-8542
MA SALIM	SALEM HOSP	40-8329
MA SPRINGFIELD	WESSON MEM HOSP	40-8034
MA WARDEN	WARDEN HOSP	40-8035