

OH. 37.1

PLEASE RUSH

## ANALYTICAL DATA SHEET

ANALYTICAL DEPT. - HEALTH AND SAFETY DIVISION

OUT PLANT AIR DUST  
NO 8709

1956 Industrial Hygiene or Medical Dept.						Analytical Chemistry Section:							
I. H.#	929	Sample Nos.	8	Date Collected	6/14	by	CBS	Route to	CBS	Date Received	6-15-56	by	Lab
Location	GRUBN WATCH CO.		Type of Sample	air dust	Analyzed for	F	Alphax			Date Reported	6-15-56	by	MW
Remarks	NORWOOD, OHIO					U	Beta			Method of Analysis	Alpha scintillation counter 2		OJM
	Stamping washers from strips of U heated in 900° F salt bath.					No <sub>3</sub>	Ro			Counting Date:	BKGD .25 c/min		GEO 32%
						Oil	pH						
						Be	Th						
Sample No.	Hour	Sample Description				R	T	Q	Count	Time	C/min	d/m/m <sup>3</sup>	
6375	1144	GA Press area during stamping of 14 washers.				.02	8	.16	6	15.55	0.14	8	
6374		BZ Stamping 5 washers.				.02	2.5	.05	32	15.40	2.14	146	
6373		BZ Stamping 6 washers.				.02	2	.04	32	9.96	2.96	252	
6372		BZ Stamping 3 washers.				.02	1	.02	25	15	1.42	241	
6371	1156	BZ Stamping 8 washers.				.02	3	.06	32	9.45	3.14	178	
6370		GA Press area during stamping of 8 washers.				.02	7	.14	17	15	0.35	9	
6369		BZ Stamping 2 washers.				.02	.5	.01	7	15	0.22	75	
6368		GA Press area during stamping of 2 washers.				.02	1	.02	4	15	0.02	53	
		Entire operation lasted only 26 minutes; a terrific amount of smoke produced as each washer was stamped. Salt flaked off very rapidly. One washer caught fire. No respirators worn by any personnel.											

## DISTRIBUTION:

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