Table 15

Comparison of the Toxicity of Fogs of Thermal Decomposition Products of Gargoyle and Pydraul F-9

(Air Flow, Liters per Minute: Gargoyle - 30, Pydraul - 20)

Material	Material Added		Material Added		Temperature of Inconel °F.	Experiment Number	Duration of Exposure Hours	Number of Animals that Died/Number of Animals Exposed				
	mg./min.	mg./l.	ml./min.	ml./l.				Guinea Pigs	Mice	Rabbits	Rats	Total
Gargoyle	181	6.0	0.208	0.0069	1050	8	7.0	0/2	0/5	3/4	2/4	5/15
Gargoyle	123	4.1	0.141	0.0047	800	9	7.0	1/2	3/5	4/4	4/4	12/15
Pydraul	158	7.9	0.125	0.0063	1050	7(1)	6.8	2/2	5/5	1/3	1/2	9/12
Gargoyle	116	3.9	0.133	0.0044	1050	19	3.5	0/2	0/5	3/4	2/4	5/15
Gargoyle	118	3.9	0.135	0.0045	800	10	3.5	0/2	0/5	0/4(2)	2/4	2/15
Pydraul	143	7.2	0.113	0.0057	1050	8(1)	3.4	2/2	4/5	0/3	0/2	6/12
Gargoyle	114	3.8	0.131	0.0044	800	16	1.0	0/2	0/5	1/4	0/4	1/15
Pydraul	187	9.4	0.148	0.0074	1050	9(1)	0.9	2/2	2/5	0/3	0/2	4/12
Pydraul	127	6.4	0.100	0.0050	1050	10(1)	0.25	0/2	0/5	0/3	0/2	0/12

1) From report of March 11, 1953 (The Toxicity of the Fogs Formed by Dropping Pydraul F-9, Aroclor 1248 and Tricresyl Phosphate, Upon the Surface of a Heated Inconel).

2) From the remaining data (see Figure 8), one would anticipate that if this experiment were repeated fatalities would occur among rabbits.

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