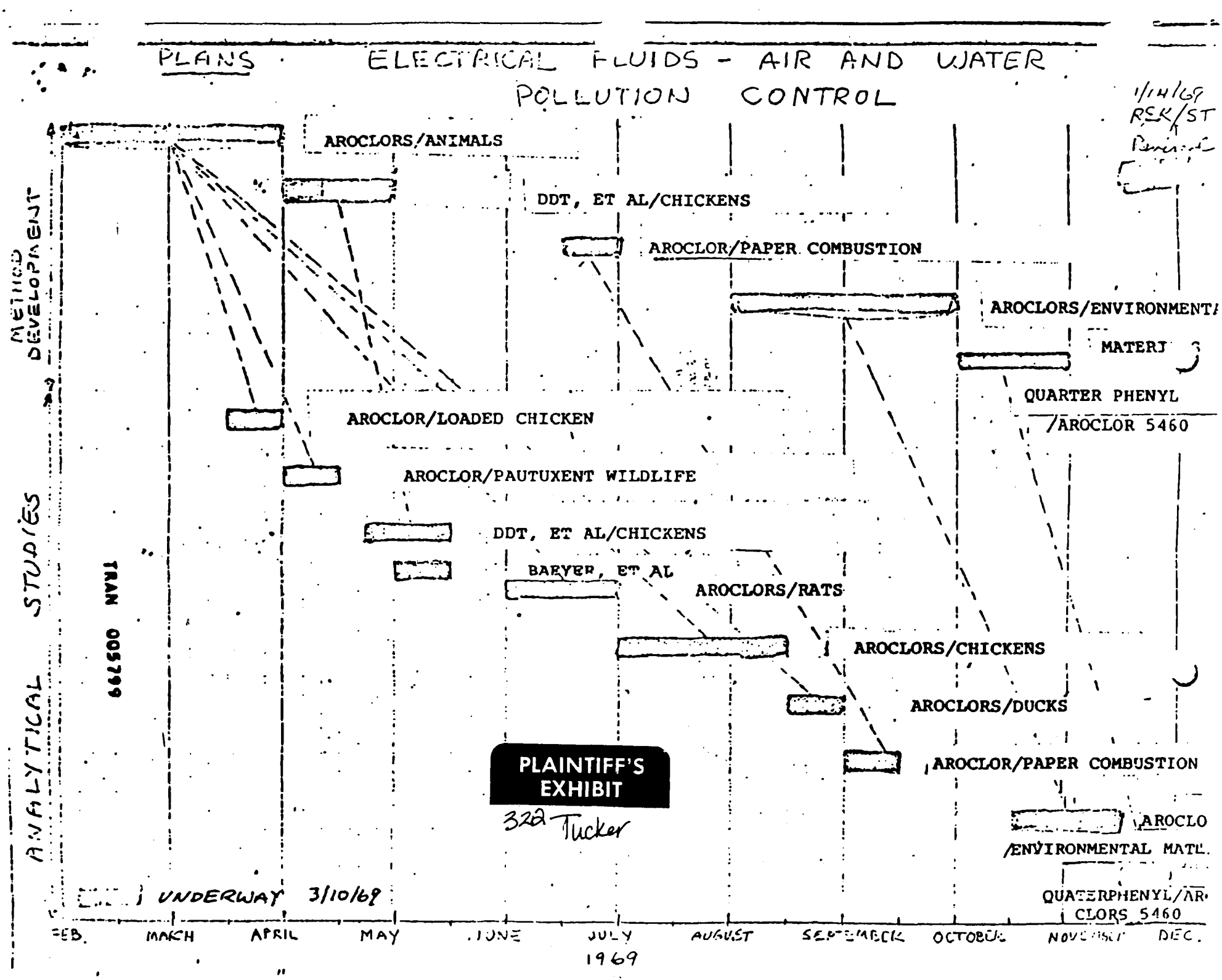

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ELECTRICAL FLUIDS - AIR AND WATER POLLUTION CONTROL

FLU-030 PLANS - METHOD DEVELOPMENT

Priority	Product	Job/Project	Justification	Responsibility	Man Weeks	Target Date
1	Aroclor 1242 1254 1260	Develop sensitive (ppb) GC/EC method for Aroclor products in 1. Fat 2. Liver 3. Kidney 4. Muscle 5. Urine 6. Feces from rats, chickens and ducks.	Provide backup data needed for toxicity studies by Calandra to show biological fate of Aroclors.	Applied Sciences/ Medical Dept.	8	4/1/69
2	DDT Toxaphene Chlorinated Napthalenes	Develop sensitive GC/EC method for these components in chickens.	Show biological fate of these products which may be source of chlorinated hydrocarbons found in environmental materials	Applied Sciences/ Medical Dept.	4	5/1/69
3	Aroclor 1242	Develop technique for identification and measurement of combustion products simulating the burning of NCR paper.	Demonstrate whether incineration is a source of environmental contamination.	Applied Sciences	2	7/1/69
4	Aroclor 1242 1254 1260	Develop sensitive (ppb) GC/EC, GC/microcoulometer and GC/Mass methods for Aroclor products in environmental 1. Water 2. Soil 3. Wildlife	Determine environmental contamination to protect product position with the customer. Determine Aroclor solubility in water perse. Verify Patuxent/ Risebrough PCB in wildlife extracts.	Applied Sciences	8	10/1/69

TRAM 005800

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3	Aroclor 5460	Develop method for quarter-phenyls in terphenyl products.	Provide data possibly needed by regulatory agencies for clearance of product.	Applied Sciences	4+	11/1/69
-	Aroclors	Evaluate Berozas' carbon skeletal analyzer in conjuction with GC	Provide more specific/ accurate method for mixtures of the Aroclor type.	Applied Sciences	2	-

REK/ST
1-15-69

TRAN 005801

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ELECTRICAL FLUIDS - AIR AND WATER POLLUTION CONTROL

FLU-030 PLANS - ANALYTICAL STUDIES

Priority	Product	Job/Project	Justification	Responsibility	Man Weeks	Target Date
1	Aroclor 1242 1254 1260 5460	Analysis of Aroclor Loaded Chicken Wheeler 12/9/68 Minutes	Provide backup data needed for toxicity studies by Calandra to show biological fate of Aroclors	Applied Science/?	1	4/1/69
2 *2a	Aroclor	Analyze wildlife extracts from Pautuxent/Risebrough	Verify PCB reported in wildlife extracts	Applied Sciences	2	4/1/569
3	DDT Toxaphene Chlorinated Napthalenes	Analyze fat, liver, kidney and muscle from chickens fed these materials.	Show biological fate of these products which may be source of chlorinated hydrocarbons found in environmental studies.	Applied Sciences/ Medical Dept.	3	5/15/69
4	Aroclor 1242 1254 1260 5460	Analysis of Rat Tissue/Excretia - Calandra 9/9/68 Biotest Protocol	Provide backup data needed for toxicity studies by Calandra to show biological fate of Aroclors	Applied Science/?	4	7/1/69
5	"	Analysis of Chicken Tissue/Excretia Calandra 9/9/68 Biotest Protocol	"	"	6	8/15/69
5	"	Analysis of Duck Tissue/Excretia Calandra 9/9/68 Biotest Protocol	"	"	2	9/1/69
*2a	Baeyer, et al	Detn composition of competitive products and relate to Monsanto products	To seek financial participation of competitors in long range studies	"	2	4/15/69

TRAN 005802

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7	Aroclor 1242	Determine combustion products under conditions simulating the burning of NCR paper	Demonstrate whether incineration is a source of environmental contamination.	Applied Sciences	2	9/15/69
8	Aroclor 1242 1248 1254	Analyze environmental materials from manufacturing sites	Show the extent of environmental contamination	Applied Sciences	4+	11/15/69
9	Aroclor 5460	Analyze plant products for quarterphenyl	Provide data for regulatory agencies for clearance of product	Applied Sciences	2	12/1/69

REK/ST
1-15-69

TRAN 005803

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