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PUBLIC HEALTH SERVICE  
NATIONAL INSTITUTES OF HEALTH  
BETHESDA, MARYLAND 20014

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NATIONAL CANCER INSTITUTE  
ELH 3  
PCH 2  
ECM  
ISW

Enclosed for your information is the list of "Chemicals Being Tested for Carcinogenicity by the Carcinogenesis Testing Program, DCCP, NCI." I think that you will find it considerably easier to use in tracking the progress of a chemical now that the following headings are being used:

|           |                                                              |
|-----------|--------------------------------------------------------------|
| Table I   | Data Available                                               |
|           | IA Technical Reports Published                               |
|           | IB No Report - Data Insufficient                             |
| Table II  | Bioassay Complete - Reports Have Been Drafted                |
|           | IIA Reports Being Printed                                    |
|           | IIB Reports in Review                                        |
| Table III | Bioassay has been Completed and Reports are Being Drafted    |
| Table IV  | Histopathology Incomplete                                    |
| Table V   | Bioassay has Begin but No Chronic Testing Data are Available |
| Table VI  | Chemicals that have Tentatively been Selected for Testing    |

For a variety of reasons, Technical Reports will not be prepared for those compounds listed in Table IA. However, some of these compounds appear under other headings due to retesting, etc. For example, p-Dioxane is under IA and IIA, "Reports Being Printed."

Please feel free to call me if you would like further information. Our telephone number is (301) 496-1895.

Sincerely,

*Thomas P. Cameron*  
Thomas P. Cameron, D.V.M.

Assistant Coordinator for Environmental  
Cancer, DCCP, NCI

Enclosure

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CHEMICALS BEING TESTED FOR CARCINOGENICITY  
BY THE CARCINOGENESIS TESTING PROGRAM, DCCP, NCI

APRIL 01, 1978

CHEMICALS TESTED IN THIS PROGRAM ARE SELECTED ON THE BASIS OF HUMAN EXPOSURE, PRODUCTION LEVELS AND CHEMICAL STRUCTURE. THEY SHOULD NOT BE CONSIDERED AS SUSPECTED CARCINOGENS BY VIRTUE OF BEING IN THE TESTING PROGRAM. COMPOUNDS ARE LISTED BY THEIR COMMON OR GENERIC NAME, IF THIS IS NOT AVAILABLE, THEN CHEMICAL NAME IS USED. FOR ADDITIONAL INFORMATION ADDRESS REQUESTS TO: TECHNICAL INFORMATION RESOURCES BRANCH, NATIONAL CANCER INSTITUTE, LANDOW BUILDING, ROOM A304, BETHESDA, MARYLAND 20814

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CHEMICALS ARE ARRANGED ACCORDING TO THEIR TESTING STATUS WHICH ARE:

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|           |                                                              |
|-----------|--------------------------------------------------------------|
| TABLE I   | DATA AVAILABLE                                               |
|           | 1A TECHNICAL REPORTS PUBLISHED                               |
|           | 1B NO REPORT - DATA INSUFFICIENT                             |
| TABLE II  | BIJASSAY COMPLETE - REPORTS HAVE BEEN DRAFTED                |
|           | IIA REPORTS BEING PRINTED                                    |
|           | IIB REPORTS IN REVIEW                                        |
| TABLE III | BIJASSAY HAS BEEN COMPLETED AND REPORTS ARE BEING DRAFTED    |
| TABLE IV  | HISTOPATHOLOGY INCOMPLETE                                    |
| TABLE V   | BIJASSAY HAS BEGUN BUT NO CHRONIC TESTING DATA ARE AVAILABLE |
| TABLE VI  | CHEMICALS THAT HAVE TENTATIVELY BEEN SELECTED FOR TESTING    |

ABBREVIATIONS USED IN THIS REPORT ARE AS FOLLOWS:

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ROUTES OF ADMINISTRATION:

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FEED - ORALLY WITH FOOD  
GAV - ORALLY BY GAVAGE  
INHAL - INHALATION  
WATER - ORALLY WITH WATER

IJ - INJECTION  
IP - INTRAPERITONEAL  
SP - SKIN PAINTING

ANIMALS SPECIES:

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H - HAMSTER  
M - MOUSE  
R - RAT

SIMULTANEOUS CHEMICAL LISTINGS

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CHEMICALS THAT APPEAR MORE THAN ONCE REPRESENT SEVERAL EXPERIMENTS.

TABLE I. DATA AVAILABLE

## IA TECHNICAL REPORTS PUBLISHED

| NCI #  | CHEMICAL NAME                                          | CAS #      | ROUTE | SPECIES | *NTIS #     |
|--------|--------------------------------------------------------|------------|-------|---------|-------------|
| CU3974 | ACETIC ACID, (ETHYLENEDINITRILLO)TETRA, TRISODIUM SALT | 150-38-9   | FEED  | M R     | PB270938-AS |
| CU2766 | ACETIC ACID, NITRILOTRI-                               | 139-13-9   | FEED  | M R     | PB266177-AS |
| CU1445 | ACETIC ACID, NITRILOTRI-, TRISODIUM SALT, MONOHYDRATE  | 18662-53-8 | FEED  | M R     | PB266177-AS |
| CU1445 | ACETIC ACID, NITRILOTRI-, TRISODIUM SALT, MONOHYDRATE  | 18662-53-8 | FEED  | M R     | PB266177-AS |
| CU4157 | ACRIDINE, 3,6-DIAMINO-, MONOHYDROCHLORIDE              | 952-23-8   | FEED  | M R     | PB268553-AS |
| CU0044 | ALDRIN                                                 | 309-00-2   | FEED  | M R     | PB275666-AS |
| CU1923 | ANTHRAQUINONE, 2-METHYL-1-NITRO-                       | 129-15-7   | FEED  | M R     | PB277439-AS |
| CU0077 | CAPTAN                                                 | 133-06-2   | FEED  | M R     | PB273475-AS |
| CU0055 | CHLORAMBEN                                             | 133-90-4   | FEED  | M R     | PB273065-AS |
| CU0099 | CHLORDANE                                              | 57-74-9    | FEED  | M R     | PB271977-AS |
| CU0191 | CHLORDEONE                                             | 143-50-0   | FEED  | M R     | PB264041-AS |
| CU2686 | CHLOROFORM                                             | 67-66-3    | GAV   | M R     | PB264018-AS |
| CU1718 | DAPSONE                                                | 80-08-0    | FEED  | M R     | PB274394-AS |
| CU0113 | DICHLOROVOS                                            | 62-73-7    | FEED  | M R     | PB270937-AS |
| CU0124 | DIELDRIN                                               | 60-57-1    | FEED  | M R     | PB275666-AS |
| CU0124 | DIELDRIN                                               | 60-57-1    | FEED  | M R     | PB275676-AS |
| CU0599 | DIELDRIN, PHOTO-                                       | 13366-73-9 | FEED  | M R     | PB274393-AS |
| CU0135 | DIMETHOATE                                             | 60-51-5    | FEED  | M R     | PB264367-AS |
| CU4626 | ETHANE, 1,1,1-TRICHLORO-                               | 71-55-6    | GAV   | M R     | PB265082-AS |
| CU4580 | ETHYLENE, TETRACHLORO-                                 | 127-18-4   | GAV   | M R     | PB272940-AS |
| CU0180 | HEPTACHLOR                                             | 76-44-8    | FEED  | M R     | PB271967-AS |
| CU1547 | IPD                                                    | 3458-22-8  | IP/IJ | M R     | PB277455-AS |
| CU1638 | ISOPHOSPHAMIDE                                         | 3778-73-2  | IP/IJ | M R     | PB275677-AS |
| CU0204 | LINDANE                                                | 58-89-9    | FEED  | M R     | PB273480-AS |
| CU0420 | NITROFEN                                               | 1836-75-5  | FEED  | M R     | PB277440-AS |
| CU1741 | PHENFORMIN                                             | 114-86-3   | FEED  | M R     | PB266176-AS |
| CU0237 | PICLORAM                                               | 1918-02-1  | FEED  | M R     | PB276471-AS |
| CU0500 | PROPANE, 1,2-DIBROMO-3-CHLORO-                         | 96-12-8    | GAV   | M R     | PB277472-AS |
| CU3554 | TETRACHLOROETHANE                                      | 79-34-5    | GAV   | M R     | PB277453-AS |
| CU4546 | TRICHLOROETHYLENE                                      | 79-01-6    | GAV   | M R     | PB264122-AS |
| CU1763 | UREA, 1-BUTYL-3-(P-TOLYLSULFONYL)-                     | 64-77-7    | FEED  | M R     | PB274483-AS |
| CU1752 | UREA, 1-((P-CHLOROPHENYL)SULFONYL)-3-PROPYL-           | 94-20-2    | FEED  | M R     | PB275178-AS |

CHEMICALS MOVED FROM TABLE IIA SINCE LAST ISSUE

CU3269<sup>56</sup> DIARYLANILIDE YELLOW  
 CU0497 METHOXYCHLOR

6358-85-6 FEED M R  
 72-43-5 FEED M R

\* NOTE: THESE ARE THE ACCESSION CODE NUMBERS TO BE USED IN OBTAINING NCI TECHNICAL REPORTS FROM THE NATIONAL TECHNICAL INFORMATION SERVICE, US DEPARTMENT OF LABOR, 5285 PORT ROYAL RD. SPRINGFIELD VIRGINIA 22161 TEL: (703) 557-4650

TABLE 1. DATA AVAILABLE

1B NO REPORT - DATA INSUFFICIENT

| NCI #  | CHEMICAL NAME                                               | CAS #      | ROUTE | SPECIES |
|--------|-------------------------------------------------------------|------------|-------|---------|
| CU4682 | ACTINOMYCIN D                                               | 50-76-0    | IP/IJ | M R     |
| CU4728 | ARABINOSYLCYTOSINE                                          | 147-94-4   | IP/IJ | M R     |
| CU3474 | AZATHIOPRINE                                                | 446-86-6   | IP/IJ | M R     |
| CU1592 | 1,4-BUTANEDIOL, DIMETHANESULFONATE                          | 55-98-1    | IP/IJ | M R     |
| CU4808 | CARBANILIDE, 4,4'-DIACETYL-BIS(AMIDINOHYDRAZONE), DIMETHANE | 15427-93-7 | IP/IJ | M R     |
| CU3485 | CHLORAMBUICIL                                               | 305-03-3   | IP/IJ | M R     |
| CU4900 | CYCLOPHOSPHAMIDE                                            | 50-18-0    | IP/IJ | M R     |
| CU4693 | DAUNOMYCIN                                                  | 1407-15-4  | IP/IJ | M R     |
| CU4933 | D,P'-DDD                                                    | 53-19-0    | IP/IJ | M R     |
| CU3667 | DIBENZO-P-DIOXIN, 2,7-DICHLORO-                             | 33857-26-0 | FEED  | M R     |
| CU3678 | DIBENZO-P-DIOXIN, 1,2,3,4,6,7,8,9-OCTACHLORO-               | 3268-87-9  | FEED  | M R     |
| CU3656 | DIBENZO-P-DIOXIN                                            | 262-12-4   | FEED  | M R     |
| CU4795 | DIBROMODULCITOL                                             | 10318-26-0 | IP/IJ | M R     |
| CU4762 | DIBROMOMANNITOL                                             | 488-41-5   | IP/IJ | M R     |
| CU3689 | P-DIOXANE                                                   | 123-91-1   | WATER | M R     |
| CU4819 | GUANAZOLE                                                   | 503-88-8   | IP/IJ | M R     |
| CU3054 | HYDANTOIN, DICHLORODIMETHYL-                                | 118-52-5   | FEED  | M R     |
| CU4739 | HYDRAZINE, 1-ACETYL-2-PICOLINDYL-                           | 17433-31-7 | IP/IJ | M R     |
| CU4831 | HYDROXYLUREA                                                | 127-07-1   | IP/IJ | M R     |
| CU4717 | IMIDAZOLE-4-CARBOXAMIDE-5-(3,3-DIMETHYL-1-TRIAZENO)-        | 4342-03-4  | IP/IJ | M R     |
| CU1616 | IMIDAZOLE MUSTARD                                           | 5034-77-5  | IP/IJ | M R     |
| CU4653 | MELPHALAN                                                   | 148-82-3   | IP/IJ | M R     |
| CU4886 | 6-MERCAPTOPURINE                                            | 50-44-2    | IP/IJ | M R     |
| CU4944 | MELPHALAN                                                   |            | IP/IJ | M R     |
| CU3190 | METHANSULFON-M-ANISIDE, 4'-(9-ACRIDINYLAMINO)-, MONOHYDRO   |            | IP/IJ | M R     |
| CU4671 | METHOTREXATE                                                | 59-05-2    | IP/IJ | M R     |
| CU4875 | METHOTREXATE, DICHLORO-                                     | 528-74-5   | IP/IJ | M R     |
| CU4784 | METHYLTHIOINOSINE                                           | 342-69-8   | IP/IJ | M R     |
| CU4706 | MITOMYCIN C                                                 | 50-07-7    | IP/IJ | M R     |
| CU4922 | PHOSPHORODIAMIDIC ACID, N,N-BIS(2-CHLOROETHYL)-N'-3-HYDROXY |            | IP/IJ | M R     |
| CU4897 | PREDNISONE                                                  | 53-03-2    | IP/IJ | M R     |
| CU1810 | PROCARBAZINE HYDROCHLORIDE                                  | 366-70-1   | IP/IJ | M R     |
| CU3167 | STREPTOZOTICIN                                              | 18883-66-4 | IP/IJ | M R     |
| CU4820 | URACIL MUSTARD                                              | 66-75-1    | IP/IJ | M R     |
| CU4773 | UREA, 1,3-DIS(CHLOROETHYL)-1-NITROSO-                       | 154-93-8   | IP/IJ | M R     |
| CU4740 | UREA, 1-(2-CHLOROETHYL)-3-CYCLOHEXYL-1-NITROSO-             | 13010-47-4 | IP/IJ | M R     |
| CU4955 | UREA, N-(2-CHLOROETHYL)-N'-(4-METHYLCYCLOHEXYL)-N-NITROSO-  |            | IP/IJ | M R     |
| CU4842 | VINBLASTINE                                                 | 865-21-4   | IP/IJ | M R     |
| CU4864 | VINCRIStINE                                                 | 57-22-7    | IP/IJ | M R     |

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TABLE II. BIOASSAY COMPLETE -- REPORTS HAVE BEEN DRAFTED

## IIA REPORTS BEING PRINTED

| NCI #  | CHEMICAL NAME                                            | CAS #      | ROUTE | SPECIES |
|--------|----------------------------------------------------------|------------|-------|---------|
| C01536 | ACRONYCINE                                               | 7008-42-6  | IP/IJ | M R     |
| C01707 | ANILINE, 4,4'-THIOOI-                                    | 139-65-1   | FEED  | M R     |
| C02993 | P-ANISIDINE, 2-METHYL-                                   | 102-50-1   | GAV   | M R     |
| C01730 | ANTHRANILIC ACID                                         | 118-92-3   | FEED  | M R     |
| C01901 | ANTHRAQUINONE, 1-AMINO-2-METHYL-                         | 82-28-0    | FEED  | M R     |
| C02697 | ASPIRIN, PHENACETIN AND CAFFEINE                         | 8003-03-0  | FEED  | M R     |
| C01569 | 5-AZACYTIDINE                                            | 320-67-2   | IP/IJ | M R     |
| C00419 | BENZENE, PENTACHLORONITRO-                               | 82-68-8    | FEED  | M R     |
| C02664 | BIPHENYL, CHLORO-                                        | 27323-18-8 | FEED  | R       |
| C00533 | CHLOROPICRIN                                             | 76-06-2    | GAV   | M R     |
| C01558 | CHOLESTEROL, (P-(BIS(2-CHLOROETHYL)AMINO)PHENYL) ACETATE | 3546-10-9  | GAV   | M R     |
| C01683 | DARAPRIM                                                 | 58-14-0    | FEED  | M R     |
| C01581 | BETA-DEOXYTHIOGUANOSINE                                  | 789-61-7   | IP/IJ | M R     |
| C01989 | 2,4-DIAMINOANISOLE SULFATE                               | 39156-41-7 | FEED  | M R     |
| C01661 | DIBENZYLNE HYDROCHLORIDE                                 | 63-92-3    | IP/IJ | M R     |
| C03689 | P-DIOXANE                                                | 123-91-1   | WATER | M R     |
| C54557 | DIRECT BLACK 38                                          | 1937-37-7  | FEED  | M R     |
| C54579 | DIRECT BLUE 6                                            |            | FEED  | M R     |
| C54568 | DIRECT BROWN 95                                          | 10300-74-0 | FEED  | M R     |
| C01605 | EMETINE                                                  | 483-18-1   | IP/IJ | M R     |
| C00566 | ENDOSULFAN                                               | 115-29-7   | FEED  | M R     |
| C04535 | ETHANE, 1,1-DICHLORO-                                    | 75-34-3    | GAV   | M R     |
| C00511 | ETHANE, 1,2-DICHLORO-                                    | 107-06-2   | GAV   | M R     |
| C04604 | ETHANE, HEXACHLORO-                                      | 67-72-1    | GAV   | M R     |
| C04579 | ETHANE, 1,1,2-TRICHLORO-                                 | 79-00-5    | GAV   | M R     |
| C01694 | ETHIONAMIDE                                              | 536-33-4   | FEED  | M R     |
| C02653 | HEXACHLOROPHENE                                          | 70-30-4    | FEED  | R       |
| C01478 | LASIOCARPINE                                             | 303-34-4   | FEED  | R       |
| C00215 | MALATHION                                                | 121-75-5   | FEED  | M R     |
| C04637 | METHANE, TRICHLORUFLUORO-                                | 75-69-4    | GAV   | M R     |

CHEMICALS MOVED FROM TABLE III SINCE LAST ISSUE

C50000 MENTHOL

89-78-1 FEED M R

TABLE 11. BIOASSAY COMPLETE -- REPORTS HAVE BEEN DRAFTED

## MIA REPORTS BEING PRINTED

| NCI #  | CHEMICAL NAME                                           | CAS #     | ROUTE | SPECIES |
|--------|---------------------------------------------------------|-----------|-------|---------|
| C01956 | NAPHTHALENE, 1-NITRO-                                   | 86-57-7   | FEED  | M R     |
| C03292 | O-PHENYLENEDIAMINE, 4-CHLORO-                           | 95-83-0   | FEED  | M R     |
| C03305 | M-PHENYLENEDIAMINE, 4-CHLORO                            | 5131-60-2 |       |         |
| C02233 | P-PHENYLENEDIAMINE, N-PHENYL-, HYDROCHLORIDE            | 2198-59-6 | FEED  | M R     |
| L01627 | 2,6-PIPERAZINEDIONE-4,4'-PROPYLENE DIOXOPIPERAZINE      |           | IP/IJ | M R     |
| C03076 | PROPIONIC ACID, 3-NITRO-                                | 504-88-1  | GAV   | M R     |
| C01785 | PYRAZINECARBOXAMIDE                                     | 98-96-4   | FEED  | M R     |
| C03827 | SUCCINIC ACID, MONO(2,2-DIMETHYLHYDRAZIDE)-             | 1596-84-5 | FEED  | M R     |
| C00168 | TETRACHLORVINPHOS                                       | 961-11-5  | FEED  | M R     |
| C03065 | THIAZOLE, 2-AMINO-5-NITRO-                              | 121-66-4  | FEED  | M R     |
| C04357 | THIOPHENE, 2,5-DIHYDRO-, 1,1-DIOXIDE-                   | 77-79-2   | GAV   | M R     |
| C01865 | TOLUENE, 2,4-DINITRO-                                   | 121-14-2  | FEED  | M R     |
| C00442 | TRIFLURALIN                                             | 1582-09-8 | FEED  | M R     |
| C03781 | TRIMETHYL PHOSPHATE                                     | 512-56-1  | FEED  | M R     |
| C03270 | TRIS(2,3-DIBROMOPROPYL)PHOSPHATE                        | 126-72-7  | FEED  | M R     |
| C01729 | TRYPTOPHAN, L-                                          | 73-22-3   | FEED  | M R     |
| C03247 | UREA, 1-((P-ACETYLPHENYL)SULFONYL)-3-CYCLOHEXYL-        | 968-81-0  | FEED  | M R     |
| C04524 | UREA, N,N'-DICYCLOHEXYLTHIO-                            | 1212-29-9 | FEED  | M R     |
| C03327 | UREA, 1-(HEXAHYDRO-1H-AZEPIN-1-YL)-3-(P-TOLYLSULFONYL)- | 1156-19-0 | FEED  | M R     |

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TABLE II. BIOASSAY COMPLETE -- REPORTS HAVE BEEN DRAFTED

II B REPORTS IN REVIEW

| NCI #  | CHEMICAL NAME                              | CAS #      | ROUTE | SPECIES |
|--------|--------------------------------------------|------------|-------|---------|
| C01967 | ACENAPHTHENE, 5-NITRO-                     | 602-87-9   | FEED  | M R     |
| C02108 | ACETAMIDE                                  | 60-35-5    | FEED  | M R     |
| C01887 | ACETANILIDE, 3-AMINO-4-ETHOXY-             |            | FEED  | M R     |
| C01978 | P-ACETOPHENETIDE, 3'-NITRO-                |            | FEED  | M R     |
| C02095 | AUIPAMIDE                                  | 628-94-4   | FEED  | M R     |
| C04615 | ALLYL CHLORIDE                             | 107-05-1   | GAV   | M R     |
| C03736 | ANILINE CHLORIDE                           | 142-04-1   | FEED  | M R     |
| C01621 | ANILINE, N,N-DIMETHYL-P-NITROSO-           | 138-89-6   | FEED  | M R     |
| C03747 | O-ANISIDINE HYDROCHLORIDE                  | 134-29-2   | FEED  | M R     |
| C03758 | P-ANISIDINE HYDROCHLORIDE                  | 20265-97-8 | FEED  | M R     |
| C01934 | O-ANISIDINE, 5-NITRO-                      | 99-59-2    | FEED  | M R     |
| C03032 | ANISOLE, 2,3,5,6-TETRACHLORO-4-NITRO-      | 2438-88-2  | FEED  | M R     |
| C01945 | ANTHRANILIC ACID, 4-NITRO-                 | 619-17-0   | FEED  | M R     |
| C01876 | ANTHRAQUINONE, 2-AMINO                     | 117-79-3   | FEED  | M R     |
| C02120 | L-ARGININE GLUTAMATE                       | 4320-30-3  | FEED  | M R     |
| C00066 | AZINPHOS-METHYL                            | 86-50-0    | FEED  | M R     |
| C01912 | BENZIMIDAZOLE, 6-NITRO-                    | 94-52-0    | FEED  | M R     |
| C03521 | IM-BENZOTRIAZOLE                           | 95-14-7    | FEED  | M R     |
| C02121 | N-BUTYLUREA                                | 592-31-4   | FEED  | M R     |
| C03043 | CARBAZOLE, 3-AMINO-9-ETHYL-, HYDROCHLORIDE |            | FEED  | M R     |
| C01898 | CARBAZOLE, 3-AMINO-9-ETHYL-                | 132-32-1   | FEED  | M R     |
| C04591 | CARBON DISULFIDE                           | 75-15-0    | GAV   | M R     |
| C00408 | CHLOROBENZILATE                            | 510-15-6   | FEED  | M R     |
| C03838 | 3-(CHLOROMETHYL)-PYRIDINE HYDROCHLORIDE    |            | GAV   | M R     |
| C02982 | P-CRESIDINE                                | 120-71-8   | FEED  | M R     |
| C00102 | DACONIL                                    | 1897-45-6  | FEED  | M R     |
| C00475 | P,P'-DDD                                   | 72-54-8    | FEED  | M R     |
| C00555 | P,P'-ODE                                   | 72-55-9    | FEED  | M R     |
| C00464 | P,P'-OOT                                   | 50-29-3    | FEED  | M R     |
| C00466 | DICOFOL                                    | 115-32-2   | FEED  | M R     |
| C00395 | DIOXATHION                                 | 78-34-2    | FEED  | M R     |
| C03009 | 2,5-DITHIOBIUREA                           | 142-46-1   | FEED  | M R     |
| C00157 | ENDRIN                                     | 72-20-8    | FEED  | M R     |
| C01570 | ESTRADIOL MUSTARD                          |            | GAV   | M R     |
| C00522 | ETHANE, 1,2-DIBROMO-                       | 106-93-4   | GAV   | M R     |
| C02142 | HEXANAMIDE                                 | 628-02-4   | FEED  | M R     |

TABLE 11. BIOASSAY COMPLETE -- REPORTS HAVE BEEN DRAFTED

## IIB REPORTS IN REVIEW

| NCI #  | CHEMICAL NAME                                     | CAS #      | ROUTE | SPECIES |
|--------|---------------------------------------------------|------------|-------|---------|
| C01854 | HYDRAZINE, 1,2-DIPHENYL-                          | 122-66-7   | FEED  | M R     |
| C03258 | HYDROXYLAMINE, N-NITROSO-N-PHENYL-, AMMONIUM SALT | 135-20-6   | FEED  | M R     |
| C04568 | METHANE, TRIGLO-                                  | 75-47-8    | GAV   | M R     |
| C03010 | METHYL ORANGE B                                   | 547-58-0   | FEED  | M R     |
| C00544 | HEXACARBATE                                       | 315-18-4   | FEED  | M R     |
| C03021 | 1,5-NAPHTHALENEDIAMINE                            | 2243-62-1  | FEED  | M R     |
| C00431 | NICLOSAMIDE                                       | 1420-04-8  | FEED  | M R     |
| C02084 | NITROUS ACID, SODIUM SALT                         | 7632-00-0  | FEED  | M R     |
| C00226 | PARATHION                                         | 56-38-2    | FEED  | M R     |
| C03963 | PHENOL, 4-AMINO-2-NITRO-                          | 119-34-6   | FEED  | M R     |
| C03316 | P-PHENYLENEDIAMINE, 2-CHLORO-                     | 615-66-7   | FEED  | M R     |
| C00588 | PHOSPHAMIDON                                      | 13171-21-6 | FEED  | M R     |
| C01810 | PROCARBAZINE HYDROCHLORIDE                        | 366-70-1   | IP/IJ | M R     |
| C01672 | PYRIDIUM                                          | 136-40-3   | FEED  | M R     |
| C00453 | SULFALLATE                                        | 95-06-7    | FEED  | M R     |
| C50022 | SULFISONAZOLE                                     | 127-69-5   | GAV   | M R     |
| C01649 | THIO TEPA                                         | 52-24-4    | IP/IJ | M R     |
| C04240 | TITANIUM DIOXIDE                                  | 13463-67-7 | FEED  | M R     |
| C01832 | TOLUENE-2,5-DIAMINE, SULFATE                      | 6369-59-1  | FEED  | M R     |
| C01843 | O-TOLUIDINE, 5-NITRO-                             | 99-55-8    | FEED  | M R     |
| C02153 | P-TOLYLUREA                                       | 622-51-5   | FEED  | M R     |
| C00259 | TOXAPHENE                                         | 8001-35-2  | FEED  | M R     |
| C02119 | UREA                                              | 57-13-6    | FEED  | M R     |
| C03805 | UREA, (2-BROMO-2-ETHYLBUTYRYL)-                   | 77-65-6    | FEED  | M R     |
| C02073 | UREA, (P-ETHOXYPHENYL)-                           | 150-69-6   | FEED  | M R     |

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TABLE III. BIOASSAY HAS BEEN COMPLETED -- REPORTS ARE BEING DRAFTED

| NCI #  | CHEMICAL NAME                                         | CAS #      | ROUTE | SPECIES |
|--------|-------------------------------------------------------|------------|-------|---------|
| CO3770 | ACETANILIDE, 4'-(CHLOROACETYL)-                       | 140-49-8   | FEED  | M R     |
| CO3349 | ALCETOHYDROXAMIC ACID, N-FLOUREN-2-YL-                | 53-95-2    | FEED  | R       |
| CO8640 | ALOICARB                                              | 116-06-3   | FEED  | M R     |
| CO2039 | ANILINE, P-CHLORO-                                    | 106-47-8   | FEED  | M R     |
| CO2255 | ANILINE, 2,4-DIMETHOXY-, HYDROCHLORIDE                |            | FEED  | M R     |
| CO1990 | ANILINE, 4,4'-METHYLENEBIS (N,N-DIMETHYL)-            | 101-61-1   | FEED  | M R     |
| CO8684 | ANILIZIDE                                             | 101-05-3   | FEED  | M R     |
| CO2006 | BENZOPHENONE, 4,4'-BIS(DIMETHYLAMINO)-                | 90-94-8    | FEED  | M R     |
| CO3850 | P-BENZOQUINONE, DIOXIME                               | 105-11-3   | FEED  | M R     |
| CO3861 | 5BETA-CHOLAN-24-OIC ACID, 3ALPHA-HYDROXY-             | 434-13-9   | GAV   | M R     |
| CO8662 | COUMAPHOS                                             | 56-72-4    | FEED  | M R     |
| CO3667 | DIBENZO-P-DIOXIN, 2,7-DICHLORO-                       | 33857-26-0 | FEED  | M R     |
| CO3656 | DIBENZO-P-DIOXIN                                      | 262-12-4   | FEED  | M R     |
| CO2028 | DIBUTYL TIN DIACETATE                                 | 1067-33-0  | FEED  | M R     |
| CO0055 | DIMETHYL TEREPHTHALATE                                | 120-61-6   | FEED  | M R     |
| CO2244 | DIPHENYLAMINE, 4-NITROSO-                             | 156-10-5   | FEED  | M R     |
| CO0044 | ETHER, BIS(2-CHLORO-1-METHYLETHYL)                    | 108-60-1   | GAV   | M       |
| CO3651 | FENTHION                                              | 55-38-9    | FEED  | M R     |
| CO2175 | ISOCYANIC ACID, 3,3'-DIMETHOXY-4,4'-BIPHENYLENE ESTER | 91-93-0    | FEED  | M R     |
| CO3849 | METHIODAL SODIUM                                      | 126-31-8   | IP/IV | M R     |
| CO3281 | N-1-NAPHTHYLETHYLENEDIAMINE DIHYDROCHLORIDE           | 1465-25-4  | FEED  | M R     |
| CO3792 | NITHTIAZIDE                                           | 139-94-6   | FEED  | M R     |
| CO0420 | NITROFEN                                              | 1836-75-5  | FEED  | M R     |
| CO3952 | NORPHENAZONE                                          | 89-25-8    | FEED  | M R     |
| CO4126 | 2-OXETANONE, 3,3-DIMETHYL-                            | 1955-45-9  | GAV   | M R     |
| CO3930 | P-PHENYLENEDIAMINE, DIHYDROCHLORIDE                   | 624-18-0   | FEED  | M R     |
| CO3941 | U-PHENYLENEDIAMINE, 4-NITRO-                          | 99-56-9    | FEED  | M R     |
| CO2222 | P-PHENYLENEDIAMINE, 2-NITRO-                          | 5307-14-2  | FEED  | M R     |
| CO2813 | PIPERONYL BUTOXIDE                                    | 51-03-6    | FEED  | M R     |
| CO2824 | PIPERONYL SULFOXIDE                                   | 120-62-7   | FEED  | M R     |
| CO3907 | PYRIDINE, 2-(CHLOROMETHYL)-, HYDROCHLORIDE            |            | GAV   | M R     |
| CO2200 | STYRENE                                               | 100-42-5   | GAV   | M R     |
| CO2211 | STYRENE, BETA-NITRO-                                  | 102-96-5   | GAV   | M R     |
| CO2051 | O-TOLUIDINE, 5-CHLORO-                                | 95-79-4    | FEED  | M R     |
| CO2040 | P-TOLUIDINE, 3-CHLORO-                                | 95-74-9    | FEED  | M R     |
| CO0260 | TRIPHENYL TIN HYDROXIDE                               | 76-87-9    | FEED  | M R     |
| CO3816 | UREA, 1,3-DIETHYL-2-THIO-                             | 105-55-5   | FEED  | M R     |
| CO2017 | UREA, 1-PHENYL-2-THIO-                                | 103-85-5   | FEED  | M R     |
| CO2186 | UREA, 1,1,3-TRIMETHYL-2-THIO-                         | 2489-77-2  | FEED  | M R     |

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TABLE III. BIOASSAY HAS BEEN COMPLETED -- REPORTS ARE BEING DRAFTED

| NCI #            | CHEMICAL NAME                          | CAS #      | ROUTE | SPECIES |
|------------------|----------------------------------------|------------|-------|---------|
| POSITIVE CONTROL |                                        |            |       |         |
| C00384           | ACETAMIDE, N-FLUOREN-2-YL-             | 53-96-3    | FEED  | M R     |
| C01456           | AFLATOXIN B1                           | 1162-65-8  | FEED  | R       |
| C01434           | 1-BUTANOL, 4-(BUTYLNITROSAMINO)-       | 3817-11-6  | FEED  | R       |
| C03452           | CARBON TETRACHLORIDE                   | 56-23-5    | GAV   | M R     |
| C01467           | CYCASIN                                | 14901-08-7 | FEED  | R       |
| C02700           | DIPENTYLAMINE, N-NITROSO-              | 13256-06-9 | FEED  | R       |
| C01423           | GUANIDINE, 1-METHYL-3-NITRO-1-NITROSO- | 70-25-7    | FEED  | R       |
| C01489           | LEAD ACETATE                           | 301-04-2   | FEED  | R       |
| C00362           | SAFROLE                                | 94-59-7    | FEED  | R M     |
| C00373           | S-TRIAZOLE, 3-AMINO-                   | 61-82-5    | FEED  | M R     |
| C01490           | URACIL, 2-THIO-                        | 141-90-2   | FEED  | R       |

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TABLE IV. HISTOPATHOLOGY INCOMPLETE

| NCI #  | CHEMICAL NAME                                              | CAS #      | ROUTE | SPECIES |   |
|--------|------------------------------------------------------------|------------|-------|---------|---|
| C01514 | ADRIAMYCIN                                                 | 23214-92-8 | IP/IJ | M       | R |
| C02960 | AMMONIUM, (2-CHLOROETHYL)TRIMETHYL-, CHLORIDE              | 999-81-5   | FEED  | M       | R |
| C02299 | ANILINE, 2,4,5-TRIMETHYL-                                  | 137-17-7   | FEED  | M       | R |
| C02926 | AZOBENZENE                                                 | 103-33-3   | FEED  | M       | R |
| C50011 | BENZOIN                                                    | 119-53-9   | FEED  | M       | R |
| C02937 | CALCIUM CARBIMIDE                                          | 156-62-7   | FEED  | M       | R |
| C03510 | CINNAMYL ANTHRANILATE                                      | 87-29-6    | FEED  | M       | R |
| C03565 | C.I. VAT YELLOW 4                                          | 128-66-5   | FEED  | M       | R |
| C03598 | P-CRESOL, 2,6-DI-TERT-BUTYL-                               | 128-37-0   | FEED  | M       | R |
| C00673 | DIAZINON                                                   | 333-41-5   | FEED  | M       | R |
| C03703 | DIBENZO-P-DIOXIN, 1,2,3,6,7,8-HEXACHLORO-                  |            | SP    | M       |   |
| C03714 | DIBENZO-P-DIOXIN, 2,3,7,8-TETRACHLORO-                     | 1746-01-6  | SP    | M       |   |
| C03690 | DIBENZO-P-DIOXIN, 2,3,7-TRICHLORO-                         | 33857-28-2 | SP    | M       |   |
| C02880 | DIPHENYLAMINE, N-NITROSO-                                  | 86-30-6    | FEED  | M       | R |
| C02868 | ETHANE, 1,1-DICHLORO-2,2-BIS(P-ETHYLPHENYL)-               | 72-56-0    | FEED  | M       | R |
| C02857 | ETHYL TELLURAC                                             | 30145-38-1 | FEED  | M       | R |
| C02959 | ETHYL TUAOS                                                | 14239-68-0 | FEED  | M       | R |
| C08695 | FLUCMETURON                                                | 2164-17-2  | FEED  | M       |   |
| C50259 | HEXAMETHYL MELAMINE                                        | 645-05-6   | IP/IJ | M       | R |
| C02891 | LEDATE                                                     | 19010-66-3 | FEED  | M       | R |
| C00215 | MALATHION                                                  | 121-75-5   | FEED  | M       | R |
| C00628 | MALATHION-D-ANALOG                                         | 1634-78-2  | FEED  | M       | R |
| C54604 | 4,4'-METHYLENEDIANILINE 2HCL                               | 101-77-9   | FEED  | M       | R |
| C53838 | ORANGE G                                                   | 1936-15-8  | FEED  | R       |   |
| C50124 | PHENOL                                                     | 108-95-2   | WATER | M       |   |
| C02904 | PHENOL, 2,4,6-TRICHLORO-                                   | 88-06-2    | FEED  | M       | R |
| C02971 | PHOSPHOROTHIOIC ACID, O,O-DIMETHYL O-(P-NITROPHENYL) ESTER | 298-00-0   | FEED  | M       | R |
| C03612 | PHTHALAMIDE                                                | 88-96-0    | FEED  | M       | R |
| C03601 | PHTHALIC ANHYDRIDE                                         | 85-44-9    | FEED  | M       | R |
| C00033 | 1,2-PROPANEDIOL                                            | 57-55-6    | SP    | M       | R |
| C50157 | RESERPINE                                                  | 50-55-5    | FEED  | M       | R |
| C50033 | SELENIUM SULFIDE                                           | 7488-56-4  | GAY   | M       | R |
| C54546 | SELSUN                                                     |            | SP    | M       |   |
| C02835 | SODIUM DIMETHYLDITHIOCARBAMATE                             | 128-04-1   | FEED  | M       | R |
| C53907 | SUN YELLOW FCF                                             | 2783-94-0  | FEED  | R       |   |
| C02302 | TOLUENE-2,4-DIAMINE                                        | 95-80-7    | FEED  | M       | R |
| C02368 | O-TOLUIDINE, 4-CHLORO-, HYDROCHLORIDE                      | 3165-93-3  | FEED  | M       | R |
| C02335 | O-TOLUIDINE HYDROCHLORIDE                                  | 636-21-5   | FEED  | M       | R |

CHEMICALS MOVED FROM TABLE V SINCE LAST ISSUE

C50124 PHENOL

108-95-2 WATER R

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TABLE V. BIOASSAY TESTING HAS GUN BUT NO DATA ARE AVAILABLE.

| NCI #  | CHEMICAL NAME                     | CAS #      | ROUTE | SPECIES |
|--------|-----------------------------------|------------|-------|---------|
| C05732 | AEROSINE 50                       | 57-14-7    | INHAL | M       |
| C50475 | AGAR AGAR                         | 9002-18-0  | FEED  | M R     |
| C08899 | AGARITINE                         | 2757-90-6  | WATER | M R     |
| C50464 | ALLYL ISOTHIOCYANATE              | 57-06-7    | GAV   | M R     |
| C50613 | AMINO UNDECANOIC ACID             | 27323-47-3 | FEED  | M R     |
| C06360 | BENZYL CHLORIDE                   | 100-44-7   | IP/IJ | M       |
| C50282 | 2-BIPHENYLAMINE                   | 90-41-5    | FEED  | M R     |
| C50635 | BISPHENOL A                       | 80-05-7    | FEED  | M R     |
| C50602 | 1,3-BUTADIENE                     | 106-99-0   | INHAL | M R     |
| C54375 | BUTYL BENZYL PHTHALATE            | 85-68-7    | FEED  | M R     |
| C50646 | CAPROLACTAM                       | 105-60-2   | FEED  | M R     |
| C53849 | CARMOISINE                        | 3567-69-9  | FEED  | M       |
| C08639 | GAMMA-CHLORDANE                   | 12789-03-6 | FEED  | M R     |
| C06871 | CHLORDANE, ALPHA ISOMER           | 5103-71-9  | FEED  | M R     |
| C53761 | C.I. DISPERSE YELLOW 3            | 2832-40-8  | FEED  | M R     |
| C55005 | CYCLOHEXANONE                     | 108-94-1   | WATER | M R     |
| C53792 | D AND C RED NO. 9                 | 5160-02-1  | FEED  | M R     |
| C50657 | DIALLYLPHTHALATE                  | 131-17-9   | GAV   | M R     |
| C50260 | 1,4-DIAMINO-2,6-DICHLOROBENZENE   |            | FEED  | M R     |
| C51581 | CIS-1,2-DICHLOROETHYLENE          | 156-59-2   | GAV   | M R     |
| C54591 | TRANS-1,2-DICHLOROETHYLENE        |            | GAV   | M R     |
| C54262 | 1,1-DICHLOROETHYLENE              | 75-35-4    | GAV   | M R     |
| C54386 | DI(2-ETHYLHEXYL)ADIPATE           | 103-23-1   | FEED  | M R     |
| C52753 | DI(2-ETHYLHEXYL)PHTHALATE         | 117-81-7   | FEED  | M R     |
| C50668 | 4,4'-DIPHENYL ETHANE DIISOCYANATE | 101-68-8   | GAV   | M R     |
| C00522 | ETHANE, 1,2-DIBROMO-              | 106-93-4   | INHAL | M R     |
| C04626 | ETHANE, 1,1,1-TRICHLORO-          | 71-55-6    | GAV   | M R     |
| C50384 | ETHYL ACRYLATE                    | 140-88-5   | GAV   | M R     |
| C50135 | ETHYLENE CHLOROHYDRIN             | 107-07-3   | SP    | M       |
| C50453 | EUGENOL                           | 97-53-0    | FEED  | M R     |
| C50395 | GUAR GUM                          | 9000-30-0  | FEED  | M R     |
| C50748 | GUM ARABIC                        | 9000-01-5  | FEED  | M R     |
| C54364 | GUM TARA                          |            | FEED  | R       |
| C06893 | HEPTACHLOREPOXIDE                 | 1024-57-3  | FEED  | M R     |
| C50419 | LOCUST BEAN GUM                   | 9000-40-2  | FEED  | M R     |
| C50362 | MANNITOL                          | 69-65-8    | FEED  | M R     |
| C50715 | MELAMINE                          | 108-78-1   | FEED  | M R     |
| C04018 | METHAPYRILENE                     | 91-80-5    | FEED  | M R     |
| C50102 | METHYLENE CHLORIDE                | 75-09-2    | GAV   | M R     |
| C50680 | METHYL METHACRYLATE               | 80-62-6    | INHAL | M R     |
| C06428 | MIREX                             | 2385-85-5  | FEED  | M R     |
| C08902 | NITROFURANTOIN                    | 67-20-9    | FEED  | M R     |

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TABLE V. BIOASSAY TESTING HAS BEGUN BUT NO DATA ARE AVAILABLE

| NCI #  | CHEMICAL NAME                       | CAS #     | ROUTE | SPECIES |
|--------|-------------------------------------|-----------|-------|---------|
| C53838 | ORANGE G                            | 1936-15-8 | FEED  | M       |
| C50146 | 4,4'-OXYDIANILINE                   | 101-80-4  | FEED  | M R     |
| C53894 | PENTACHLOROETHANE                   | 76-01-7   | GAV   | R       |
| C50124 | PHENOL                              | 108-95-2  | INHAL | H       |
| C55414 | PHENYLBUTAZONE                      |           | WATER | M R     |
| C50077 | PROPYLENE                           | 115-07-1  | INHAL | M R     |
| C50099 | PROPYLENE OXIDE                     | 75-56-9   | INHAL | M R     |
| C50588 | PROPYL GALLATE                      | 121-79-9  | FEED  | M R     |
| C04035 | RANDOX                              | 93-71-0   | FEED  | M R     |
| C02722 | STANNOUS CHLORIDE                   | 7772-99-8 | FEED  | M R     |
| C54977 | STYRENE OXIDE                       | 96-09-3   | GAV   | M R     |
| C53929 | SUDAN 1                             | 842-07-9  | FEED  | M R     |
| C53907 | SUN YELLOW FCF                      | 2783-94-0 | FEED  | M       |
| C03985 | TELONE                              | 542-75-6  | GAV   | M R     |
| C52459 | 1,1,1,2-TETRACHLOROETHANE           |           | GAV   | R       |
| C50317 | TOLUENE-2,6-DIAMINE DIHYDROCHLORIDE |           | FEED  | M R     |
| C50533 | TOLUENE 2,4-DIISOCYANATE            | 584-84-9  | GAV   | M R     |
| C04546 | TRICHLOROETHYLENE                   | 79-01-6   | GAV   | M       |
| C50226 | ZEARALENONE                         | 7645-23-0 | FEED  | M R     |
| C50442 | ZIRAM                               | 137-30-4  | FEED  | M R     |

TABLE VI. CHEMICALS THAT HAVE BEEN TENTATIVELY SELECTED FOR TESTING:

| NCI #  | CHEMICAL NAME                                            | CAS #      | ROUTE | SPECIES |
|--------|----------------------------------------------------------|------------|-------|---------|
| C54911 | ACID ORANGE #3                                           | 107-13-1   |       |         |
| C50215 | ACRYLONITRILE                                            | 2835-39-4  |       |         |
| C54717 | ALLYL ISOVALERATE                                        |            |       |         |
|        | 1-AMINO-2,4-DIBROMOANTHRAQUINONE                         |            |       |         |
| C50179 | AMYL NITRITE                                             | 110-46-3   |       |         |
| C55152 | ANTIMONY OXIDE                                           | 1309-64-4  |       |         |
| C54608 | ASCORBIC ACID                                            | 50-81-7    |       |         |
| C55276 | BENZENE                                                  | 71-43-2    |       |         |
| C06508 | BENZYL ACETATE                                           | 140-11-4   |       |         |
|        | 2,2-BIS(BROMOETHYL)-1,3-PROPANEDIOL                      |            |       |         |
| C04159 | N,N'-BIS(2-HYDROXYETHYL)-N-METHYL-2-NITRO-P-PHENYLENE DI | 574-93-6   |       |         |
| C54615 | BLUE 15B                                                 |            |       |         |
| C09154 | BROMODIBENZENE                                           | 75-27-4    |       |         |
| C55243 | BROMODICHLOROMETHANE                                     | 75-25-2    |       |         |
| C55130 | BROMOFORM                                                | 126-99-8   |       |         |
| C50522 | 1,3-BUTADIENE, 2-CHLORO-                                 |            |       |         |
| C09109 | 2-BUTANONE PEROXIDE                                      |            |       |         |
| C55367 | T-BUTYL ALCOHOL                                          | 75-65-0    |       |         |
| C55163 | CASTOR OIL                                               | 8001-79-4  |       |         |
| C55072 | CHLORENDIC ACID                                          | 115-28-6   |       |         |
| C55107 | CHLOROACETOPHENONE (CN)                                  | 532-27-4   |       |         |
| C55118 | CHLOROBENZALMALONONITRILE AND HEXAMETHYLDISILIZANE (CS2) |            |       |         |
| C54886 | CHLOROBENZENE                                            | 108-90-7   |       |         |
| C55254 | CHLORODIBROMOMETHANE                                     | 124-48-1   |       |         |
| C54820 | 3-CHLORO-2-METHYLPROPENE                                 | 563-47-3   |       |         |
| C53543 | CHLOROWAX 40                                             | 51990-12-6 |       |         |
| C53587 | CHLOROWAX 500C                                           | 56509-64-9 |       |         |
| C55255 | CHLOROPHENIRAMINE MALEATE                                | 113-92-8   |       |         |
| C55312 | CUCURBIT OIL ACID DIETHANOLAMINE                         |            |       |         |
| C50737 | CYTEMBENA                                                |            |       |         |
| C55287 | DECABROMODIPHENYL OXIDE                                  | 2126-70-7  |       |         |
| C50168 | DEODORIZED WINTERIZED COTTONSEED OIL                     | 1163-19-5  |       |         |
| C54795 | DFM                                                      |            |       |         |
| C09096 | 2,3-DIBROMO-1-PROPANOL                                   | 95-50-1    |       |         |
| C54944 | O-DICHLOROBENZENE                                        | 106-46-7   |       |         |
| C54935 | P-DICHLOROBENZENE                                        | 75-78-5    |       |         |
| C50704 | DICHLORODIMETHYLSILANE                                   | 120-83-2   |       |         |
| C55345 | 2,4-DICHLOROPHENOL                                       | 78-87-5    |       |         |
| C55141 | 1,2-DICHLOROPROPANE                                      | 111-42-2   |       |         |
| C55174 | DIETHANOLAMINE                                           | 55-18-5    |       |         |
| C00271 | DIETHYLNITROSAMINE                                       |            |       | H       |
| C54966 | DIGLYCIDYLRESORCINOL ETHER                               |            |       |         |
| C55129 | N,N-DIMETHYLODECYLAMINE OXIDE                            | 1643-20-5  |       |         |

TABLE VI. CHEMICALS THAT HAVE BEEN TENTATIVELY SELECTED FOR TESTING.

| NCI #  | CHEMICAL NAME                            | CAS #      | ROUTE | SPECIES |
|--------|------------------------------------------|------------|-------|---------|
| C54773 | DIMETHYLHYDROGENPHOSPHITE                |            |       |         |
| C54762 | DIMETHYL METHYLPHOSPHONATE               |            |       |         |
| C54740 | DIMETHYL 4ORPHGLINOPHOSPHONATE           |            |       |         |
| C54819 | DIMETHYL VINYLCHLORIDE                   | 513-37-1   |       |         |
| C54900 | DISPERSE BLUE #1                         | 2475-45-8  |       |         |
| C54875 | DODECYL ALCOHOL, ETHOXYLATED             |            |       |         |
| C07001 | ALPHA-EPICHLOROHYDRIN                    | 106-89-8   | INHAL | H M R   |
| C00522 | ETHANE, 1,2-DIBROMO-                     | 106-93-4   |       |         |
| C09143 | ETHYL BROMIDE                            |            |       |         |
| C50066 | ETHYLENE                                 | 74-85-1    |       |         |
| C50135 | ETHYLENE CHLOROHYDRIN                    | 107-07-3   | SP    | R       |
| C54053 | ETHYLENE GLYCOL MONOETHYL ETHER          | 110-80-5   |       |         |
| C50088 | ETHYLENE OXIDE                           | 75-21-8    | INHAL | M R     |
| C04580 | ETHYLENE, TETRACHLORO-                   | 127-18-4   | INHAL | H M R   |
| C54706 | FLUORESCCEIN, DISODIUM SALT              | 518-47-8   |       |         |
| C02799 | FORMALDEHYDE                             | 50-00-0    | INHAL | M R     |
| C54728 | GERANYL ACETATE                          | 105-87-3   |       |         |
| C55185 | GILSONITE                                | 12002-43-6 |       |         |
| C09085 | GLUTARALDEHYDE                           |            |       |         |
| C54697 | HC BLUE #2                               |            |       |         |
| C54922 | HC RED #3                                |            |       |         |
| C55298 | 8-HYDROXYQUINOLINE                       | 148-24-3   |       |         |
| C55323 | LAURIC ACID DIETHANOLAMINE               | 120-40-1   |       |         |
| C54048 | LITHOL RUBINE                            | 5281-04-9  |       |         |
| C54660 | MALEIC HYDRAZIDE DIETHANOLAMINE SALT     | 5716-15-4  |       |         |
| C54842 | MALONALDEHYDE                            | 542-78-9   |       |         |
| C00726 | 20-METHYLCHOLANTHRENE                    | 56-49-5    |       |         |
| C50102 | METHYLENE CHLORIDE                       | 75-09-2    | INHAL | M R     |
| C54026 | MOLYBDATE ORANGE                         | 12213-61-5 |       |         |
| C02846 | MORPHOLIN                                | 150-68-5   |       |         |
| C02164 | MORPHOLINE, 4-NITROSO-                   | 59-89-2    |       |         |
| C02515 | 2-NAPHTHYLAMINE, N-PHENYL-               | 135-88-6   |       |         |
| C54784 | NAVY FUELS JP-5 (PETROLEUM DERIVED)      |            |       |         |
| C55049 | NAVY FUELS JP-5 (SHALE OIL DERIVED)      |            |       |         |
| C00806 | NITROGEN DIOXIDE                         | 10102-44-0 |       | H       |
| C05050 | N-NITROSODIMETHYLAMINE                   | 62-75-9    |       |         |
| C50180 | NITROUS ACID, ETHYL ESTER                | 109-95-5   |       |         |
| C02084 | NITROUS ACID, SODIUM SALT                | 7632-00-0  |       |         |
| C54580 | NON-DEUDORIZED ANTHERIZED COTTONSEED OIL |            |       |         |
| C55334 | OLEIC ACID DIETHANOLAMINE                |            |       |         |
| C09121 | ORGANIDIN                                |            |       |         |
| C55209 | OXALIC ACID                              | 144-62-7   |       |         |
| C08935 | PARAFFIN OIL                             | 8012-95-1  |       |         |

TABLE VI. CHEMICALS THAT HAVE BEEN TENTATIVELY SELECTED FOR TESTING:

| NCI #  | CHEMICAL NAME                                           | CAS #     | ROUTE | SPECIES |
|--------|---------------------------------------------------------|-----------|-------|---------|
| C54933 | PENTACHLOROPHENOL                                       | 87-86-5   |       |         |
| C54637 | PHTHALOCYANINE GREEN                                    | 1328-53-6 |       |         |
| C55301 | PYRIDINE                                                | 110-86-1  |       |         |
| C50339 | RAUWOLFIA SERPENTINA                                    | 8063-17-0 |       |         |
| C54739 | P-ROSANILINE                                            | 569-61-9  |       |         |
| C55210 | RUTENONE                                                | 83-79-4   |       |         |
| C50566 | SIMETHICONE                                             | 8050-81-5 |       |         |
| C09165 | SODIUM ALUMINOSILICATE                                  |           |       |         |
| C50191 | SODIUM DODECYL SULFATE                                  | 151-21-3  |       |         |
| C50204 | SODIUM(2-ETHYLHEXYL)ALCOHOL SULFATE                     | 126-92-1  |       |         |
| C55221 | SODIUM FLUORIDE                                         | 7681-49-4 |       |         |
| C54988 | TETRAETHYL LEAD                                         | 78-00-2   |       |         |
| C55061 | THPC                                                    | 124-64-1  |       |         |
| C55050 | THPS                                                    |           |       |         |
| C54831 | TRICHLORFON                                             | 52-68-6   |       |         |
| C04546 | TRICHLOROETHYLENE                                       | 79-01-6   | GAV   | R       |
| C54751 | TRIS(2-ETHYLHEXYL)PHOSPHATE                             | 78-42-2   |       |         |
| C03327 | JREA, 1-(HEXAHYDRO-1H-AZEPIN-1-YL)-3-(P-TOLYLSULFONYL)- | 1156-19-0 |       |         |
| C50373 | VINYLBROMIDE                                            | 593-60-2  | INHAL | M R     |
| C54999 | VINYLCYCLOHEXENE                                        |           |       |         |
| C54059 | VIOLET 3                                                |           |       |         |
| C09132 | WOLLASTONITE                                            |           |       |         |
| C55232 | XYLENES                                                 | 1330-20-7 |       |         |

CHEMICALS ADDED TO TABLE VI SINCE LAST ISSUE

ISOPROTERENOL HCL  
 PHENOLEPHRINE HCL  
 EPHEDRINE  
 CHLORPROMAZINE  
 EPINEPHRINE  
 ERYTHROMYCIN  
 ALPHA-METHYL BENZYL ALCOHOL  
 SUCCINIC ANHYDRIDE  
 CHLORCAMPHENICOL  
 AMPHETAMINE  
 BENZYL ALCOHOL  
 METHYL-DOPA  
 SODIUM DICHLOROISOCYANURATE  
 PENTAERITHRITOL TETRANITRATE  
 CHLORINATED TRISODIUM PHOSPHATE

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