

TABLE 1  
REPORTED CASES OF ANGIOSARCOMA OF THE LIVER AMONG  
VINYL CHLORIDE POLYMERIZATION WORKERS

| COUNTRY      | CASE NO. | BIRTH DATE | 1ST VC OR PVC EXP. | DX ANGIO-SARCOMA | AGE AT DX | YEARS 1ST EXP. TO DX | TOT. YRS. EXP. | DATE OF DEATH |
|--------------|----------|------------|--------------------|------------------|-----------|----------------------|----------------|---------------|
| BELGIUM      | 01*      | 01-12-13   | 07-00-58           | 05-00-76         | 63        | 18                   | 17             | 06-29-76      |
| CANADA       | 01*      | 12-15-13   | 00-00-44           | 00-00-55         | 41        | 11                   | 11             | 09-02-55      |
| CANADA       | 02*      | 03-06-14   | 00-00-43           | 00-00-57         | 43        | 14                   | 14             | 12-21-57      |
| CANADA       | 03*      | 08-26-19   | 00-00-41           | 00-00-62         | 42        | 21                   | 20             | 03-22-62      |
| CANADA       | 04*      | 04-05-19   | 00-00-45           | 00-00-67         | 48        | 22                   | 22             | 01-21-68      |
| CANADA       | 05*      | 05-07-11   | 00-00-44           | 00-00-68         | 57        | 24                   | 05             | 07-05-68      |
| CANADA       | 06*      | 12-15-19   | 00-00-47           | 00-00-71         | 51        | 24                   | 23             | 04-10-71      |
| CANADA       | 07*      | 11-09-19   | 00-00-46           | 00-00-72         | 53        | 26                   | 25             | 12-24-72      |
| CANADA       | 08*      | 05-13-20   | 00-00-61           | 00-00-73         | 53        | 12                   | 05             | 06-12-73      |
| CANADA       | 09*      | 07-19-21   | 00-00-46           | 00-00-74         | 53        | 28                   | 26             | 09-04-74      |
| CANADA       | 10*      | 05-16-15   | 00-00-53           | 00-00-76         | 61        | 23                   | 14             | 04-00-77      |
| CZECH.       | 01*      | 00-00-28   | 00-00-57           | 00-00-73         | 46        | 16                   | 16             | 00-00-74      |
| CZECH.       | 02*      | 00-00-26   | 00-00-51           | 00-00-66         | 40        | 15                   | 15             | 00-00-66      |
| FED.REP.GER. | 01*      | 06-04-30   | 10-01-56           | 09-19-68         | 38        | 12                   | 12             | 01-25-69      |
| FED.REP.GER. | 02*      | 07-26-31   | 10-14-57           | 09-25-70         | 39        | 13                   | 12             | 12-14-71      |
| FED.REP.GER. | 04       | 09-04-30   | 04-16-57           | 11-26-74         | 44        | 17                   | 17             | 11-25-74      |
| FED.REP.GER. | 05*      | 01-01-32   | 12-16-62           | 00-00-75         | 43        | 13                   | 12             | 01-09-75      |
| FED.REP.GER. | 07*      | 09-29-26   | 04-15-54           | 11-12-75         | 49        | 21                   | 12             | 11-13-75      |
| FED.REP.GER. | 08*      | 10-19-17   | 04-19-54           | 00-00-75         | 58        | 22                   | 21             | 12-25-75      |
| FED.REP.GER. | 09*      | 12-13-34   | 12-02-59           | 06-16-76         | 42        | 17                   | 15             | 03-24-78      |
| FED.REP.GER. | 10*      | 07-25-29   | 10-10-55           | 06-28-77         | 47        | 22                   | 22             | 06-28-77      |
| FED.REP.GER. | 11*      | 12-29-36   | 01-02-61           | 00-00-77         | 41        | 16                   | 10             | 03-07-77      |
| FED.REP.GER. | 12*      | 06-14-38   | 04-01-61           | 00-00-77         | 39        | 16                   | 06             | 10-07-77      |
| FRANCE       | 01*      | 04-15-24   | 01-00-46           | 02-18-67         | 43        | 21                   | 19             | 02-19-67      |
| FRANCE       | 02       | 06-03-11   | 07-06-59           | 01-08-75         | 63        | 15                   | 12             | 01-24-75      |
| FRANCE       | 03*      | 00-00-19   | 00-00-46           | 01-00-75         | 55        | 29                   | 29             | 06-29-75      |
| FRANCE       | 04*      | 01-27-27   | 10-19-49           | 01-04-76         | 49        | 26                   | 26             | 01-04-76      |
| FRANCE       | 05*      | 01-29-38   | 00-00-65           | 04-00-76         | 38        | 11                   | 10             | 05-13-76      |
| FRANCE       | 06*      | 04-14-34   | 00-00-58           | 09-00-76         | 42        | 18                   | 17             | 09-12-76      |
| FRANCE       | 07       | 00-00-27   | 07-01-50           | 07-00-76         | 49        | 26                   | 23             | 07-02-76      |
| FRANCE       | 08*      | 04-01-34   | 05-23-57           | 12-03-76         | 42        | 19                   | 19             | 01-30-77      |
| FRANCE       | 09*      | 10-08-14   | 01-10-48           | 04-26-76         | 62        | 28                   | 28             | 12-16-77      |
| FRANCE       | 10*      | 05-26-19   | 12-24-56           | 01-10-78         | 58        | 21                   | 21             | 01-10-78      |
| FRANCE       | 11*      | 02-15-12   | 01-00-41           | 08-12-78         | 66        | 37                   | 31             | 11-13-78      |
| GREAT BRIT.  | 01*      | 04-20-01   | 04-04-44           | 12-00-72         | 71        | 28                   | 22             | 12-03-72      |
| GREAT BRIT.  | 03*      | 06-02-37   | 02-00-66           | 12-00-74         | 37        | 09                   | 04             | 12-24-74      |
| ITALY        | 02*      | 11-13-29   | 00-00-57           | 12-13-72         | 43        | 15                   | 06             | 12-00-72      |
| ITALY        | 03*      | 03-14-20   | 00-00-53           | 07-10-75         | 55        | 22                   | 21             | 07-10-75      |
| JAPAN        | 01*      | 03-01-22   | 04-00-53           | 04-21-74         | 52        | 22                   | 22             | 10-24-75      |
| JAPAN        | 02*      | 03-02-39   | 11-00-58           | 08-10-76         | 37        | 18                   | 15             | 05-10-76      |
| NORWAY       | 01*      | 12-23-15   | 03-00-50           | 12-20-71         | 56        | 22                   | 21             | 01-04-72      |
| SWEDEN++     | 01*      | 06-23-27   | 08-14-51           | 08-00-74         | 43        | 19                   | 18             | 05-09-70      |
| SWEDEN++     | 03*      | 06-10-10   | 05-00-47           | 03-19-76         | 65        | 29                   | 21             | 03-19-76      |
| SWEDEN       | 04*      | 11-16-14   | 00-00-46           | 03-12-77         | 62        | 31                   | 31             | 03-12-77      |
| U.S.A.       | 01*      | 10-17-23   | 12-09-48           | 03-03-73         | 49        | 24                   | 21             | 03-03-73      |
| U.S.A.       | 02*      | 08-19-53   | 11-15-55           | 05-00-70         | 37        | 14                   | 13             | 05-06-71      |
| U.S.A.       | 03*      | 05-25-15   | 11-28-53           | 12-19-73         | 58        | 28                   | 28             | 12-19-73      |
| U.S.A.       | 04*      | 01-15-24   | 07-06-52           | 03-19-67         | 43        | 15                   | 15             | 03-07-68      |
| U.S.A.       | 05*      | 01-25-12   | 06-19-44           | 04-05-64         | 52        | 20                   | 20             | 04-05-64      |
| U.S.A.       | 06*      | 11-23-28   | 01-17-62           | 02-00-74         | 46        | 12                   | 12             | 07-24-75      |
| U.S.A.       | 07*      | 05-03-22   | 08-27-44           | 00-00-68         | 45        | 24                   | 17             | 03-23-68      |
| U.S.A.       | 08*      | 05-06-20   | 10-07-46           | 08-00-61         | 41        | 15                   | 15             | 08-29-61      |
| U.S.A.       | 09*      | 11-08-31   | 05-28-45           | 03-04-74         | 43        | 29                   | 24             | 03-00-75      |
| U.S.A.       | 10*      | 08-16-13   | 06-12-51           | 05-00-68         | 55        | 17                   | 17             | 08-10-68      |
| U.S.A.       | 11*      | 05-27-09   | 10-14-46           | 03-00-70         | 61        | 23                   | 23             | 03-16-70      |
| U.S.A.       | 12*      | 11-17-18   | 09-13-49           | 05-02-69         | 50        | 20                   | 19             | 05-02-69      |
| U.S.A.       | 13*      | 12-01-21   | 12-11-42           | 05-00-74         | 52        | 32                   | 26             | 07-04-74      |
| U.S.A.       | 14*      | 11-04-27   | 05-08-50           | 00-00-69         | 41        | 19                   | 04             | 03-27-69      |
| U.S.A.       | 17*      | 05-06-51   | 06-23-55           | 10-11-74         | 43        | 19                   | 19             | 10-11-74      |
| U.S.A.       | 18*      | 04-22-28   | 09-15-54           | 00-00-75         | 46        | 21                   | 11             | 11-02-75      |
| U.S.A.       | 19*      | 00-00-15   | 00-00-43           | 06-19-75         | 60        | 32                   | 22             | 04-06-76      |
| U.S.A.       | 20*      | 08-31-17   | 00-00-55           | 01-30-76         | 58        | 21                   | 18             | 01-30-77      |
| U.S.A.       | 21*      | 09-02-09   | 12-00-46           | 00-00-77         | 67        | 30                   | 21             | 01-02-77      |
| U.S.A.       | 22*      | 10-02-23   | 07-11-47           | 01-00-76         | 52        | 29                   | 28             | 01-04-76      |
| U.S.A.       | 23*      | 00-00-23   | 09-08-58           | 04-06-73         | 50        | 15                   | 14             | 04-06-73      |
| U.S.A.       | 24*      | 05-07-17   | 00-00-39           | 03-27-77         | 60        | 38                   | 26             | 03-27-77      |
| U.S.A.       | 25       | 08-07-10   | 02-00-47           | 03-10-77         | 67        | 30                   | 20             | 03-10-77      |
| U.S.A.       | 26*      | 07-07-23   | 10-02-47           | 00-00-77         | 52        | 28                   | 18             | 07-07-75      |
| U.S.A.       | 27*      | 05-11-16   | 07-01-41           | 11-30-78         | 62        | 37                   | 27             | 11-30-78      |
| YUGOSLAVIA   | 01*      | 04-03-14   | 00-00-55           | 04-04-73         | 59        | 20                   | 20             | 04-04-73      |

TOTAL REPORTED CASES = 70

\*--DIAGNOSIS WAS MICROSCOPICALLY CONFIRMED

\*\*--INDICATES UNKNOWN DATA

+ THIS CASE WAS LATER DIAGNOSED AS HAVING CHOLANGIOSARCOMA.

++THIS CASE WAS CONFIRMED 4 YEARS AFTER DEATH THROUGH A REEVALUATION OF THE MICROSCOPIC SL. DIAGNOSIS AT AUTOPSY WAS PRIMARY LIVER CANCER.

R&amp;S 003459