

TABLE I

SUMMARY OF 1981 VCM DOSIMETRY RESULTS\*

| <u>Job Categories</u>              | <u>No.<br/>Samples</u> | <u><math>\bar{x}</math><br/>Average<br/>(ppm)</u> | <u>S<br/>Standard<br/>Deviation<br/>(ppm)</u> | <u>% &gt;<br/>1 ppm</u> | <u>Upper<br/>Confidence<br/>Limit<br/>(<math>\bar{x} + 2*S</math>)</u> |
|------------------------------------|------------------------|---------------------------------------------------|-----------------------------------------------|-------------------------|------------------------------------------------------------------------|
| Reactor Operator                   | 87                     | 3.5                                               | 17.0                                          | 24                      | 37.5                                                                   |
| General Mechanic                   | 284                    | 3.7                                               | 5.6                                           | 5                       | 15.0                                                                   |
| Chief Operator                     | 47                     | 1.5                                               | 2.8                                           | 26                      | 7.2                                                                    |
| Vinyl Operations Engineer          | 9                      | 0.4                                               | 0.9                                           | 11                      | 2.1                                                                    |
| Vinyl Shift Supervisor             | 54                     | 0.4                                               | 0.9                                           | 9                       | 2.1                                                                    |
| Lead Operator                      | 92                     | 0.2                                               | 0.9                                           | 2                       | 2.0                                                                    |
| Yard Supervisor                    | 8                      | 0.4                                               | 0.7                                           | 13                      | 1.8                                                                    |
| Maintenance Helper                 | 37                     | 0.4                                               | 0.7                                           | 3                       | 1.7                                                                    |
| Instrument Tech.                   | 6                      | 0.4                                               | 0.6                                           | 17                      | 1.6                                                                    |
| Vinyl Operations Supervisor        | 2                      | 0.6                                               | 0.5                                           | 0                       | 1.5                                                                    |
| Dryer Operator                     | 88                     | 0.2                                               | 0.4                                           | 1                       | 1.0                                                                    |
| Utility Technician                 | 44                     | 0.2                                               | 0.4                                           | 0                       | 1.0                                                                    |
| Painter-Carpenter-Insulator        | 11                     | 0.3                                               | 0.3                                           | 0                       | 0.9                                                                    |
| Maintenance Supervisor             | 32                     | 0.2                                               | 0.2                                           | 3                       | 0.6                                                                    |
| Safety Supervisor                  | 1                      | 0.6                                               | 0                                             | 0                       | 0.6                                                                    |
| Yard Operator                      | 49                     | 0.2                                               | 0.2                                           | 0                       | 0.5                                                                    |
| Lead Warehouse Worker              | 2                      | 0.2                                               | 0.1                                           | 0                       | 0.5                                                                    |
| Dryer Utility                      | 45                     | 0.2                                               | 0.1                                           | 0                       | 0.4                                                                    |
| Lab Technician                     | 12                     | 0.1                                               | 0.1                                           | 0                       | 0.3                                                                    |
| Lab Lead Technician                | 3                      | 0.2                                               | 0.1                                           | 0                       | 0.3                                                                    |
| Mechanical Superintendent          | 10                     | 0.1                                               | 0.1                                           | 0                       | 0.3                                                                    |
| Process Engineer                   | 12                     | 0.1                                               | 0.1                                           | 0                       | 0.2                                                                    |
| Safety Director                    | 1                      | 0.2                                               | 0                                             | 0                       | 0.2                                                                    |
| Receiving Lead                     | 1                      | 0.2                                               | 0                                             | 0                       | 0.2                                                                    |
| Maintenance Superintendent (Mech.) | 11                     | 0.1                                               | 0.03                                          | 0                       | 0.2                                                                    |
| Storekeeper                        | 3                      | 0.1                                               | 0                                             | 0                       | 0.1                                                                    |
| Contract Supervisor                | 1                      | 0.1                                               | 0                                             | 0                       | 0.1                                                                    |
| Vinyl Operations Supt.             | 1                      | 0.1                                               | 0                                             | 0                       | 0.1                                                                    |
| Lab Supervisor                     | 6                      | 0.1                                               | 0                                             | 0                       | 0.1                                                                    |