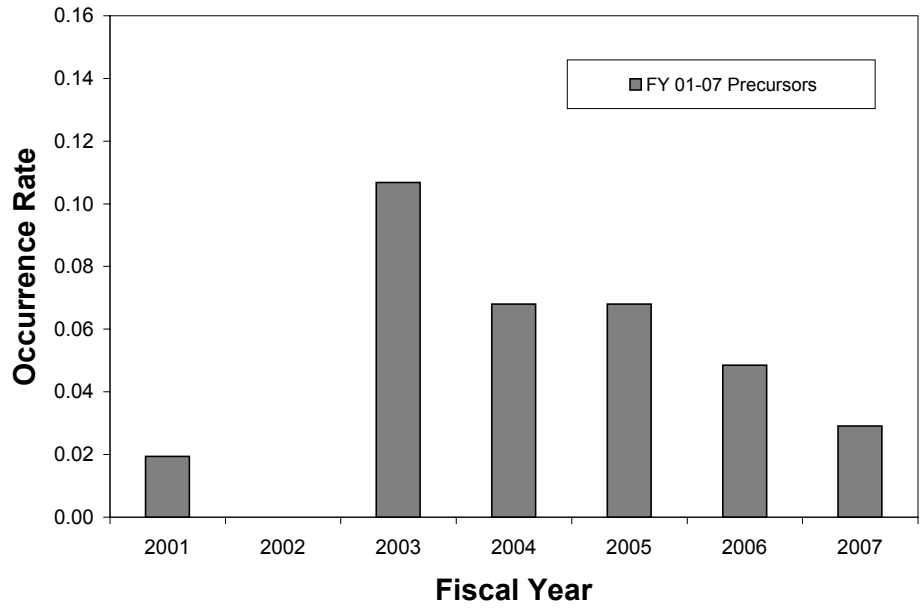


## Total Precursors

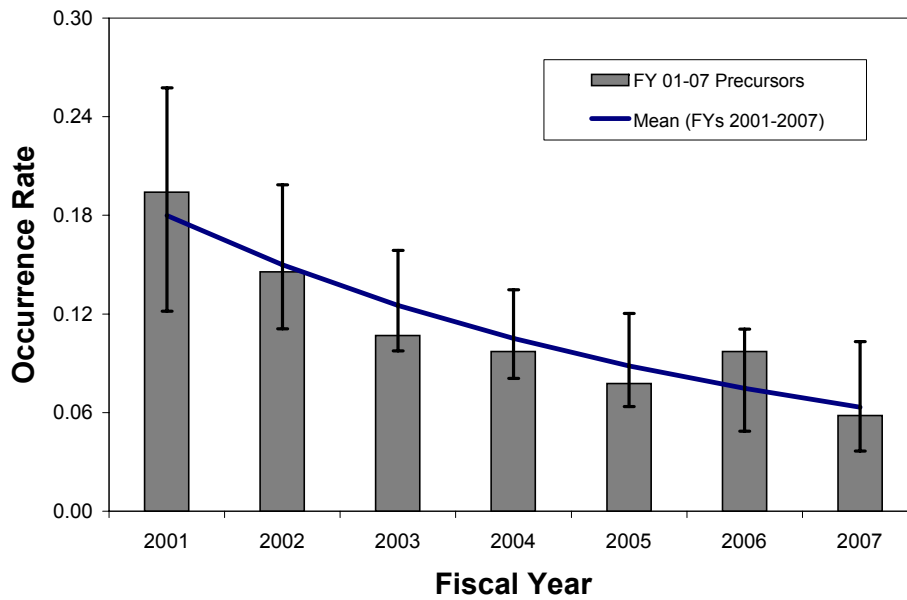
| YEAR | Precursors | MLE    | Precursors | MLE    | MEAN   | FITSUP | FITSLOW | 5%     | 95%    |
|------|------------|--------|------------|--------|--------|--------|---------|--------|--------|
| 1988 | 34         | 0.3299 |            |        |        |        |         |        |        |
| 1989 | 25         | 0.2368 |            |        |        |        |         |        |        |
| 1990 | 35         | 0.3252 |            |        |        |        |         |        |        |
| 1991 | 32         | 0.2951 |            |        |        |        |         |        |        |
| 1992 | 21         | 0.1935 |            |        |        |        |         |        |        |
| 1993 | 20         | 0.1868 |            |        |        |        |         |        |        |
| 1994 | 12         | 0.1121 |            |        |        |        |         |        |        |
| 1995 | 11         | 0.1028 |            |        |        |        |         |        |        |
| 1996 | 15         | 0.1377 |            |        |        |        |         |        |        |
| 1997 | 4          | 0.0375 |            |        |        |        |         |        |        |
| 1998 | 8          | 0.0771 |            |        |        |        |         |        |        |
| 1999 | 7          | 0.0680 |            |        |        |        |         |        |        |
| 2000 | 12         | 0.1162 |            |        |        |        |         |        |        |
| 2001 |            |        | 22         | 0.2136 | 0.2141 | 0.2945 | 0.1519  | 0.0621 | 0.0804 |
| 2002 |            |        | 15         | 0.1456 | 0.1926 | 0.2474 | 0.1478  | 0.0448 | 0.0548 |
| 2003 |            |        | 22         | 0.2136 | 0.1737 | 0.2131 | 0.1403  | 0.0335 | 0.0394 |
| 2004 |            |        | 17         | 0.1650 | 0.1570 | 0.1917 | 0.1274  | 0.0296 | 0.0347 |
| 2005 |            |        | 15         | 0.1456 | 0.1422 | 0.1806 | 0.1106  | 0.0317 | 0.0384 |
| 2006 |            |        | 15         | 0.1456 | 0.1291 | 0.1750 | 0.0932  | 0.0359 | 0.0459 |
| 2007 |            |        | 9          | 0.0874 | 0.1175 | 0.1720 | 0.0775  | 0.0400 | 0.0545 |

| Initiating Events |            |        |      |        |         |    |     |
|-------------------|------------|--------|------|--------|---------|----|-----|
| YEAR              | Precursors | MLE    | MEAN | FITSUP | FITSLOW | 5% | 95% |
| 2001              | 2          | 0.0194 |      |        |         |    |     |
| 2002              | 0          | 0.0000 |      |        |         |    |     |
| 2003              | 11         | 0.1068 |      |        |         |    |     |
| 2004              | 7          | 0.0680 |      |        |         |    |     |
| 2005              | 7          | 0.0680 |      |        |         |    |     |
| 2006              | 5          | 0.0485 |      |        |         |    |     |
| 2007              | 3          | 0.0291 |      |        |         |    |     |

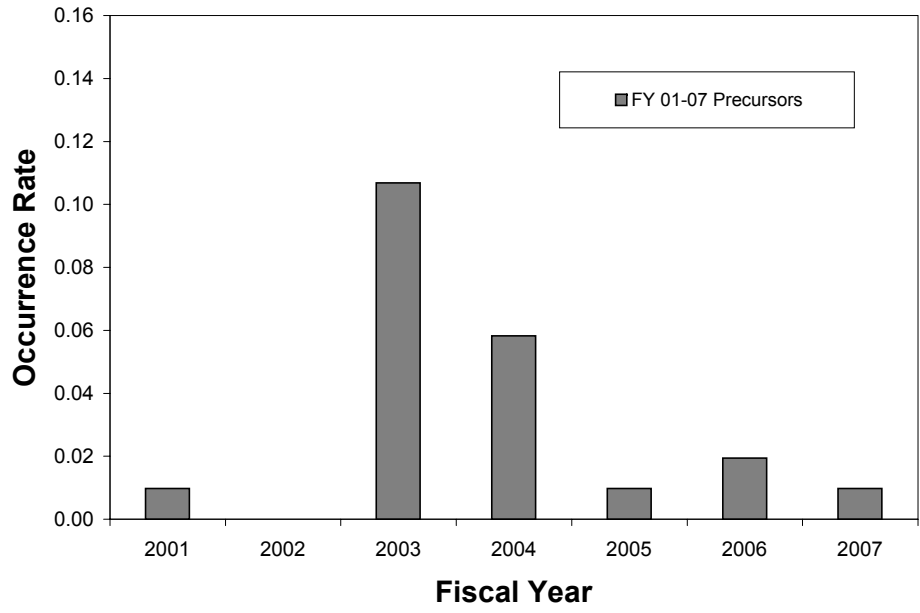


## Degraded Conditions

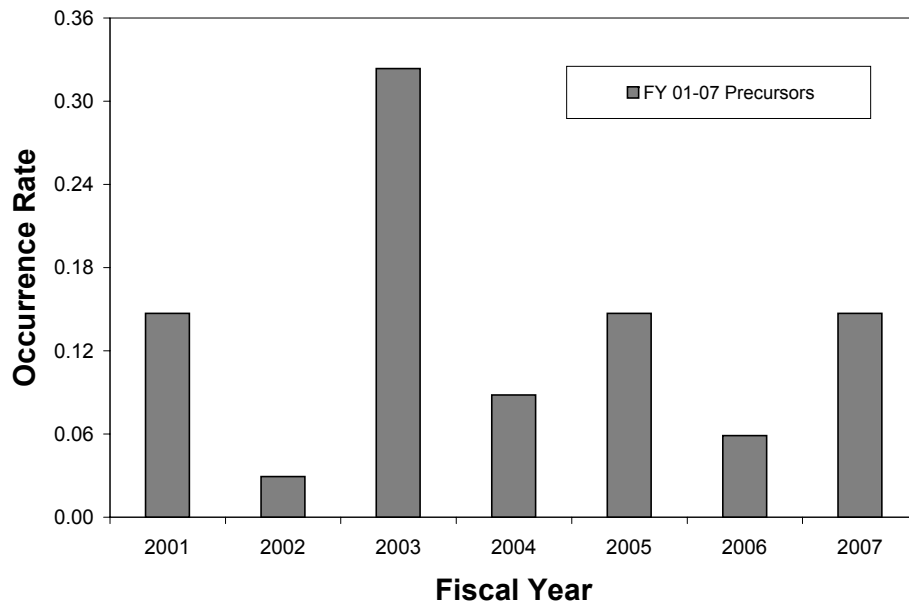
| YEAR | Precursors | MLE    | MEAN   | FITSUP | FITSLOW | 5%     | 95%    |
|------|------------|--------|--------|--------|---------|--------|--------|
| 2001 | 20         | 0.1942 | 0.1798 | 0.2577 | 0.1217  | 0.0581 | 0.0778 |
| 2002 | 15         | 0.1456 | 0.1498 | 0.1985 | 0.1111  | 0.0388 | 0.0487 |
| 2003 | 11         | 0.1068 | 0.1253 | 0.1587 | 0.0976  | 0.0277 | 0.0335 |
| 2004 | 10         | 0.0971 | 0.1051 | 0.1346 | 0.0809  | 0.0242 | 0.0295 |
| 2005 | 8          | 0.0777 | 0.0885 | 0.1204 | 0.0636  | 0.0249 | 0.0319 |
| 2006 | 10         | 0.0971 | 0.0747 | 0.1107 | 0.0486  | 0.0261 | 0.0360 |
| 2007 | 6          | 0.0583 | 0.0633 | 0.1033 | 0.0366  | 0.0267 | 0.0400 |



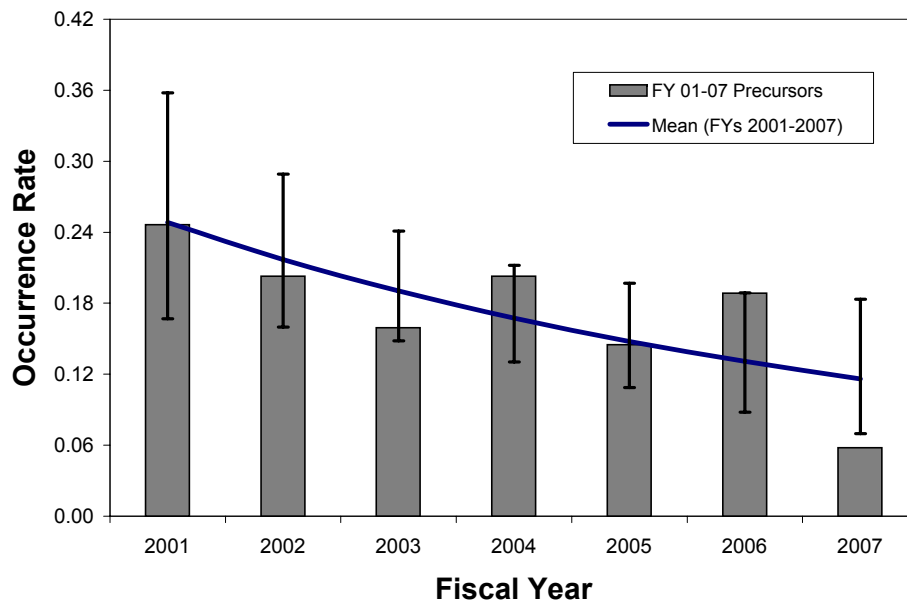
| LOOP Events |            |        |      |        |         |    |     |
|-------------|------------|--------|------|--------|---------|----|-----|
| YEAR        | Precursors | MLE    | MEAN | FITSUP | FITSLOW | 5% | 95% |
| 2001        | 1          | 0.0097 |      |        |         |    |     |
| 2002        | 0          | 0.0000 |      |        |         |    |     |
| 2003        | 11         | 0.1068 |      |        |         |    |     |
| 2004        | 6          | 0.0583 |      |        |         |    |     |
| 2005        | 1          | 0.0097 |      |        |         |    |     |
| 2006        | 2          | 0.0194 |      |        |         |    |     |
| 2007        | 1          | 0.0097 |      |        |         |    |     |



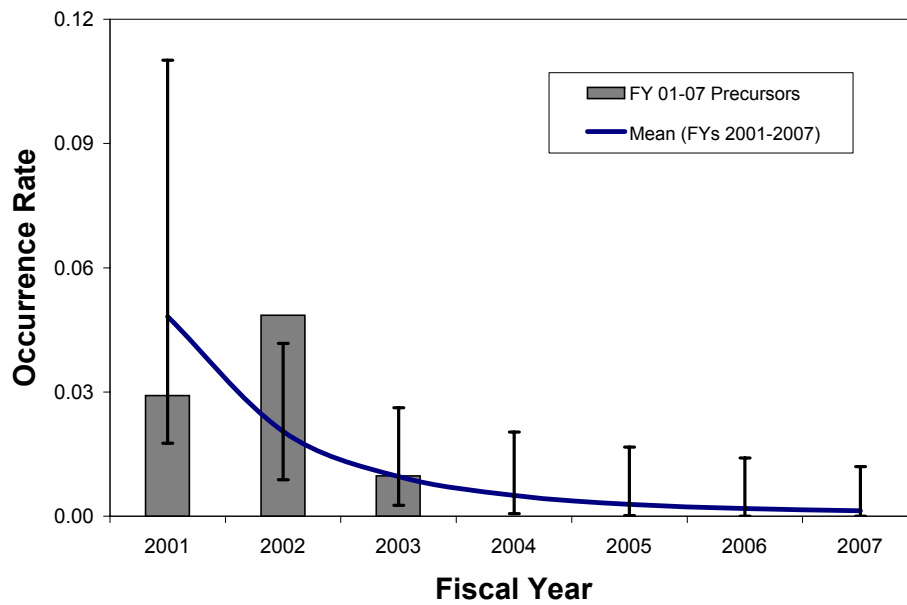
| BWRs |            |        |      |        |         |    |     |
|------|------------|--------|------|--------|---------|----|-----|
| YEAR | Precursors | MLE    | MEAN | FITSUP | FITSLOW | 5% | 95% |
| 2001 | 5          | 0.1471 |      |        |         |    |     |
| 2002 | 1          | 0.0294 |      |        |         |    |     |
| 2003 | 11         | 0.3235 |      |        |         |    |     |
| 2004 | 3          | 0.0882 |      |        |         |    |     |
| 2005 | 5          | 0.1471 |      |        |         |    |     |
| 2006 | 2          | 0.0588 |      |        |         |    |     |
| 2007 | 5          | 0.1471 |      |        |         |    |     |

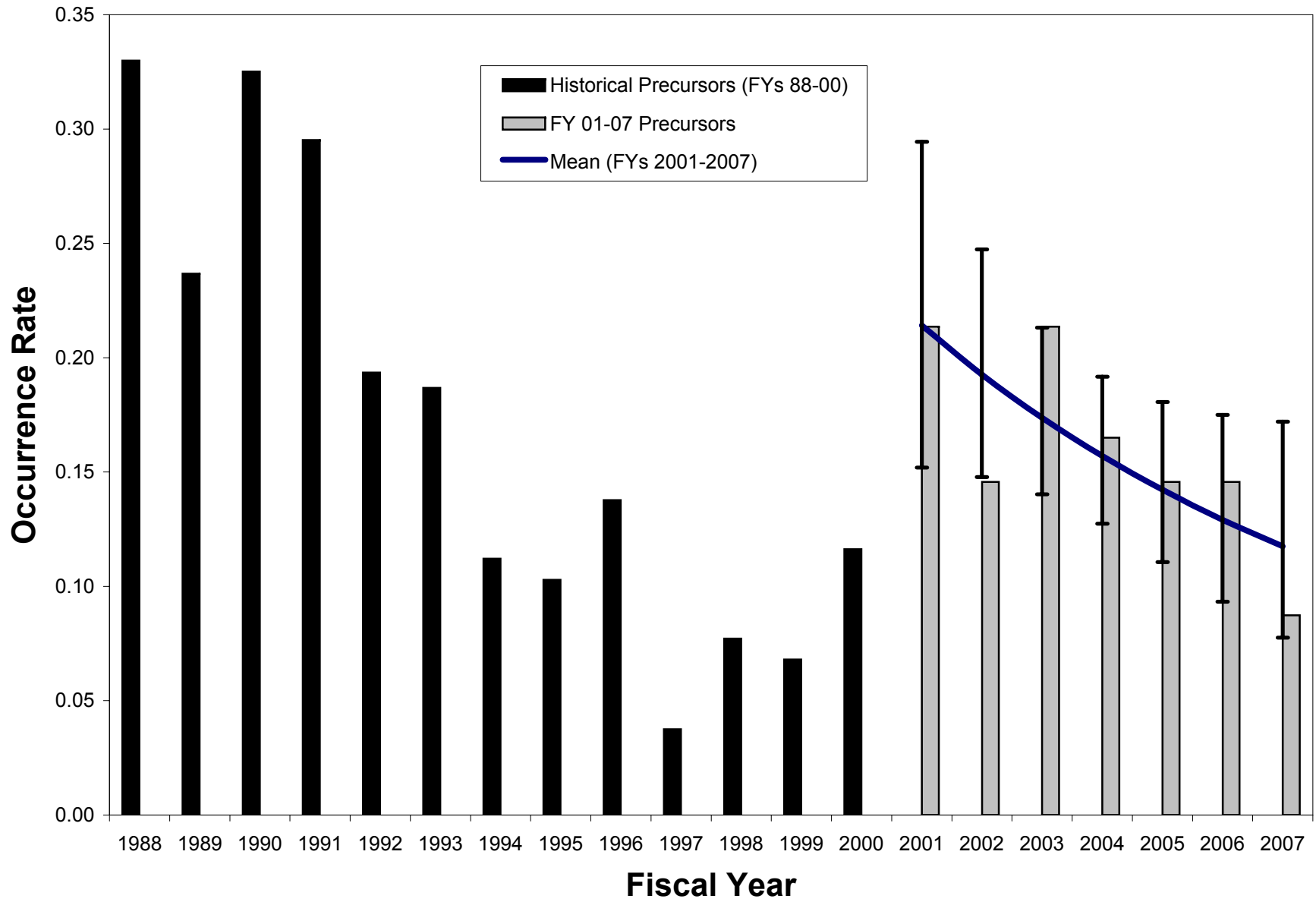


| PWRs |            |        |        |        |         |        |        |
|------|------------|--------|--------|--------|---------|--------|--------|
| YEAR | Precursors | MLE    | MEAN   | FITSUP | FITSLOW | 5%     | 95%    |
| 2001 | 17         | 0.2464 | 0.2482 | 0.3578 | 0.1669  | 0.0813 | 0.1095 |
| 2002 | 14         | 0.2029 | 0.2170 | 0.2890 | 0.1598  | 0.0572 | 0.0720 |
| 2003 | 11         | 0.1594 | 0.1903 | 0.2411 | 0.1483  | 0.0420 | 0.0508 |
| 2004 | 14         | 0.2029 | 0.1674 | 0.2121 | 0.1304  | 0.0370 | 0.0447 |
| 2005 | 10         | 0.1449 | 0.1477 | 0.1969 | 0.1087  | 0.0390 | 0.0492 |
| 2006 | 13         | 0.1884 | 0.1308 | 0.1886 | 0.0878  | 0.0430 | 0.0579 |
| 2007 | 4          | 0.0580 | 0.1161 | 0.1835 | 0.0699  | 0.0463 | 0.0674 |



| Higher Risk Precursors (CCDP $\geq 10^{-4}$ ) |            |        |        |        |         |        |        |
|---|------------|--------|--------|--------|---------|--------|--------|
| YEAR  | Precursors | MLE    | MEAN   | FITSUP | FITSLOW | 5%     | 95%    |
| 2001  | 3          | 0.0291 | 0.0482 | 0.1101 | 0.0176  | 0.0306 | 0.0619 |
| 2002  | 5          | 0.0485 | 0.0204 | 0.0417 | 0.0088  | 0.0117 | 0.0212 |
| 2003  | 1          | 0.0097 | 0.0096 | 0.0262 | 0.0027  | 0.0070 | 0.0166 |
| 2004  | 0          | 0.0000 | 0.0050 | 0.0203 | 0.0006  | 0.0044 | 0.0153 |
| 2005  | 0          | 0.0000 | 0.0029 | 0.0167 | 0.0001  | 0.0027 | 0.0138 |
| 2006  | 0          | 0.0000 | 0.0018 | 0.0141 | 0.0000  | 0.0018 | 0.0122 |
| 2007  | 0          | 0.0000 | 0.0013 | 0.0119 | 0.0000  | 0.0013 | 0.0106 |







# ASP Integrated Index

| FY   | RX Years | All Other Precursors Index | Significant Precursor Index | Long-Term Degraded Conditions Index | SPAR Model Avg CDF | Enhanced SPAR Model Avg CDF |
|------|----------|----------------------------|-----------------------------|-------------------------------------|--------------------|-----------------------------|
| 1998 | 103.75   | 1.0E-05                    | 0.0E+00                     | 2.1E-05                             | 3.8E-05            |                             |
| 1999 | 103.00   | 4.3E-06                    | 0.0E+00                     | 2.1E-05                             | 3.8E-05            |                             |
| 2000 | 103.28   | 1.6E-05                    | 0.0E+00                     | 2.1E-05                             | 3.8E-05            |                             |
| 2001 | 103.00   | 1.6E-05                    | 0.0E+00                     | 1.3E-05                             | 3.8E-05            |                             |
| 2002 | 103.00   | 1.1E-05                    | 5.8E-05                     | 1.3E-05                             | 3.8E-05            |                             |
| 2003 | 103.00   | 8.3E-06                    | 0.0E+00                     | 0.0E+00                             |                    | 2.5E-05                     |
| 2004 | 103.00   | 2.6E-06                    | 0.0E+00                     | 0.0E+00                             |                    | 2.5E-05                     |
| 2005 | 103.00   | 2.2E-06                    | 0.0E+00                     | 0.0E+00                             |                    | 2.5E-05                     |
| 2006 | 103.00   | 2.8E-06                    | 0.0E+00                     | 0.0E+00                             |                    | 2.5E-05                     |
| 2007 | 103.00   | 6.1E-07                    | 0.0E+00                     | 0.0E+00                             |                    | 2.5E-05                     |

