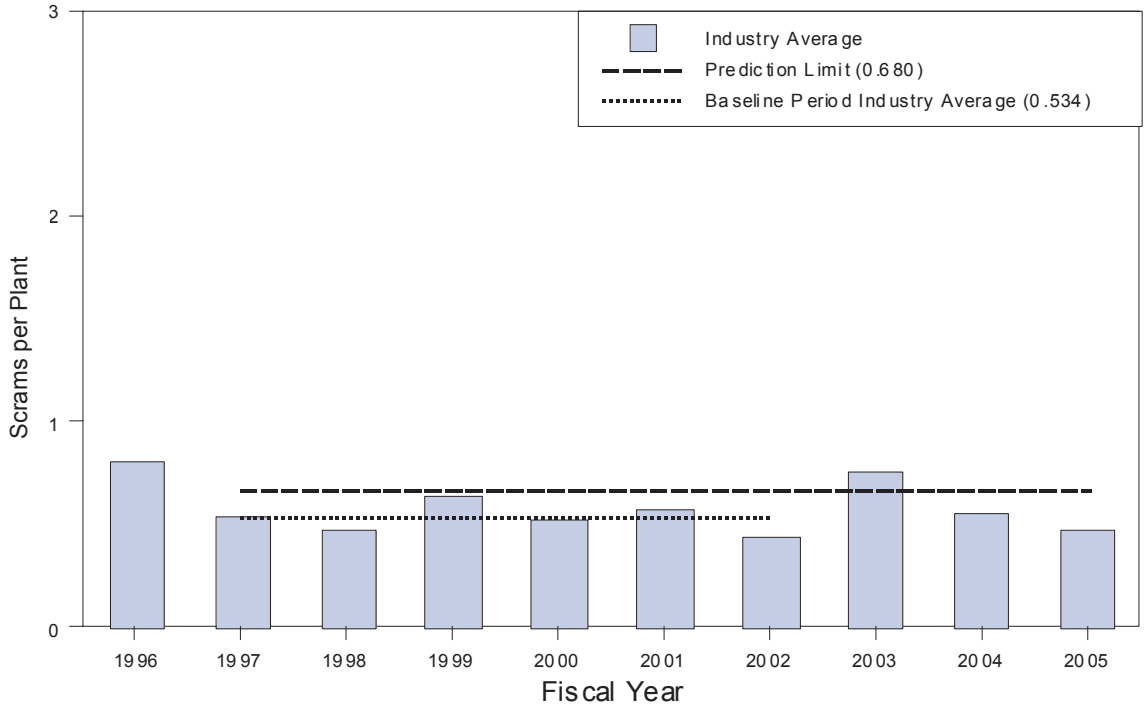
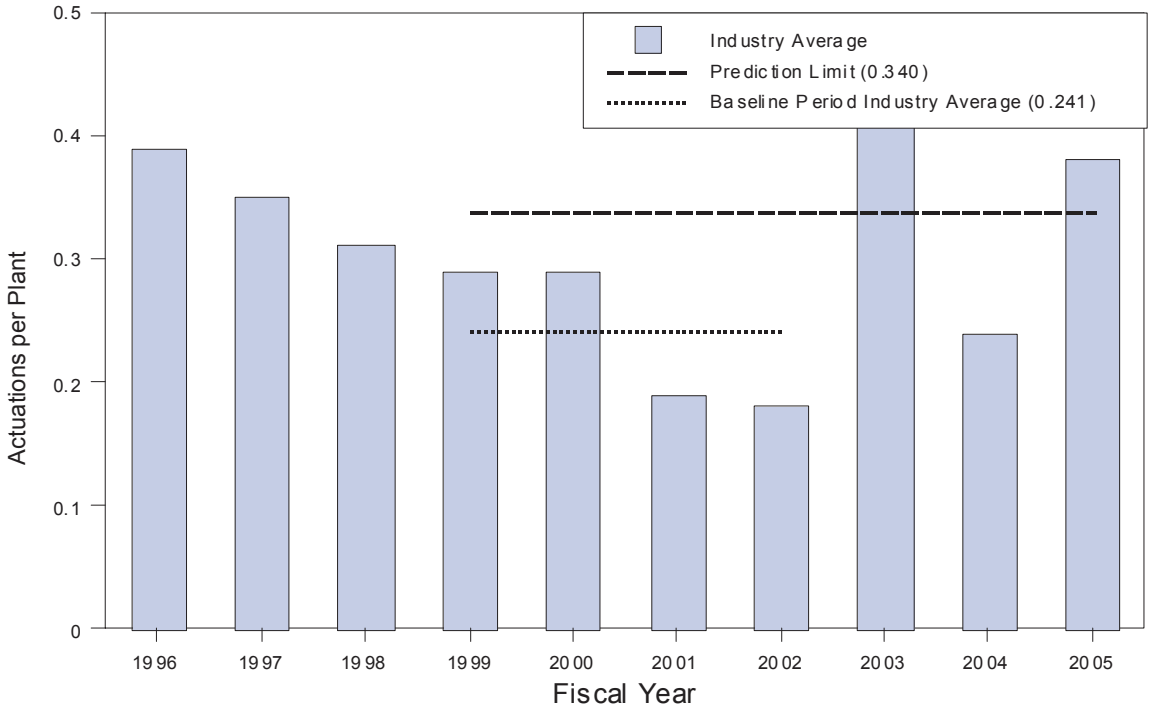
FY 2005 Short-Term Industry Trend Results

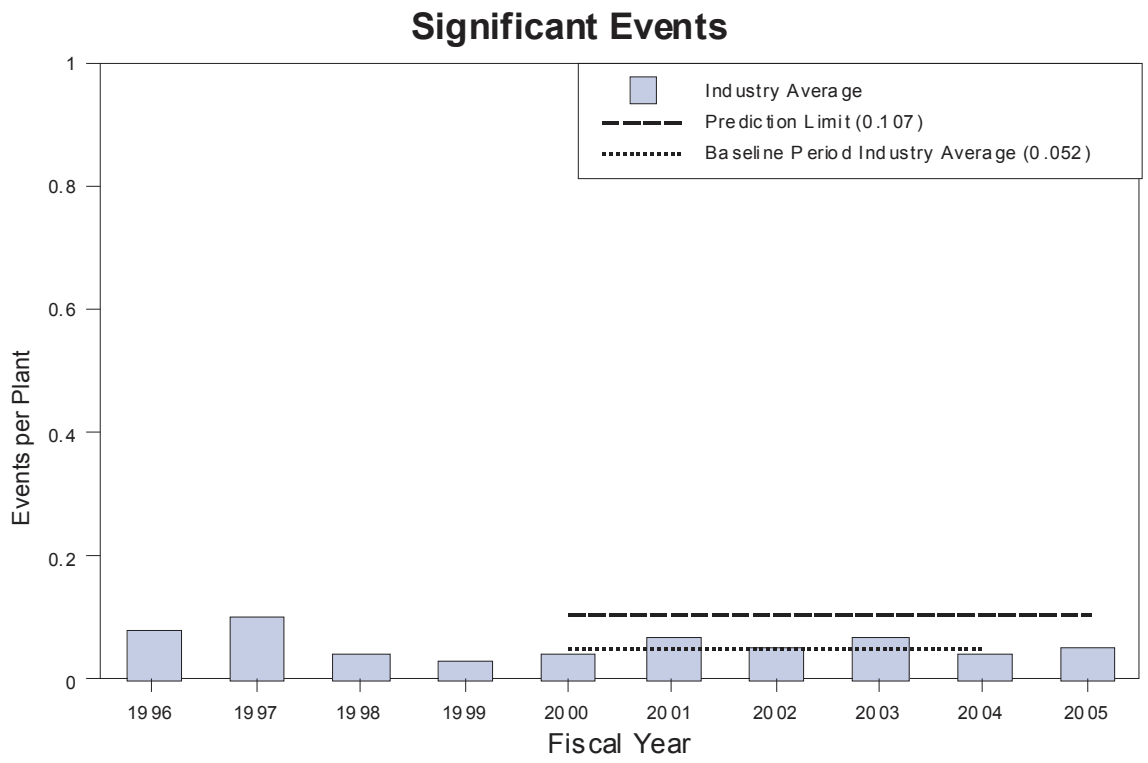
Automatic Scrams While Critical

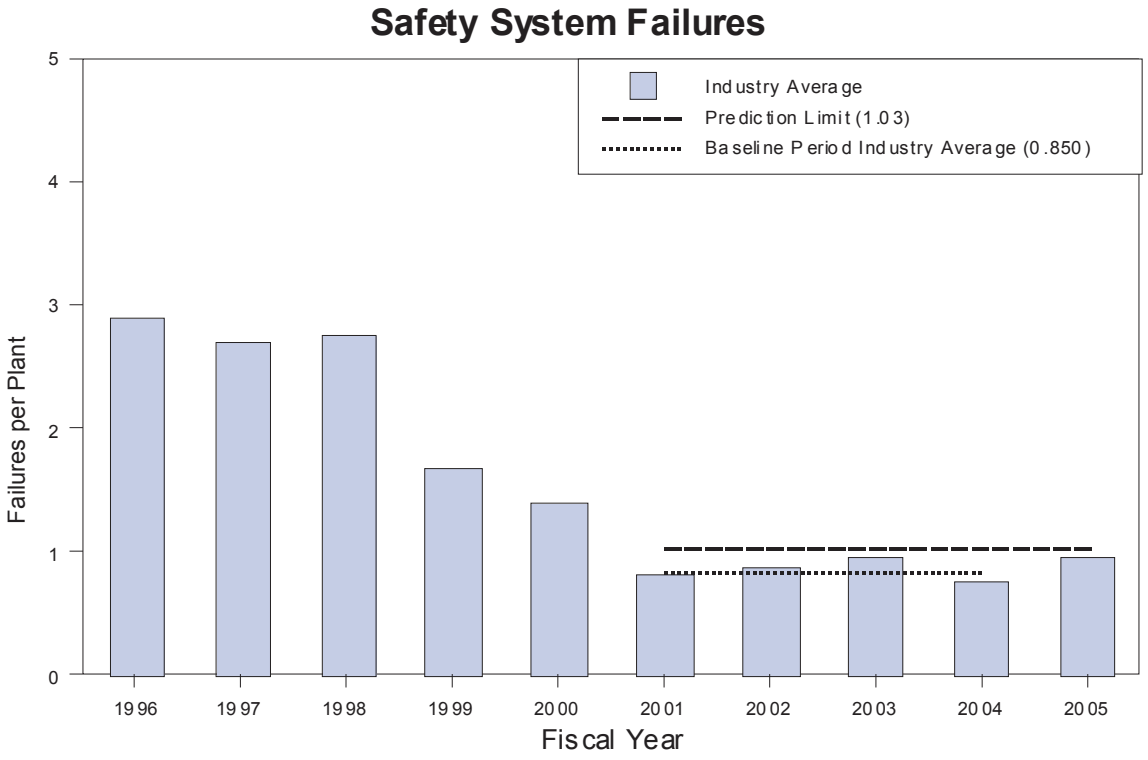


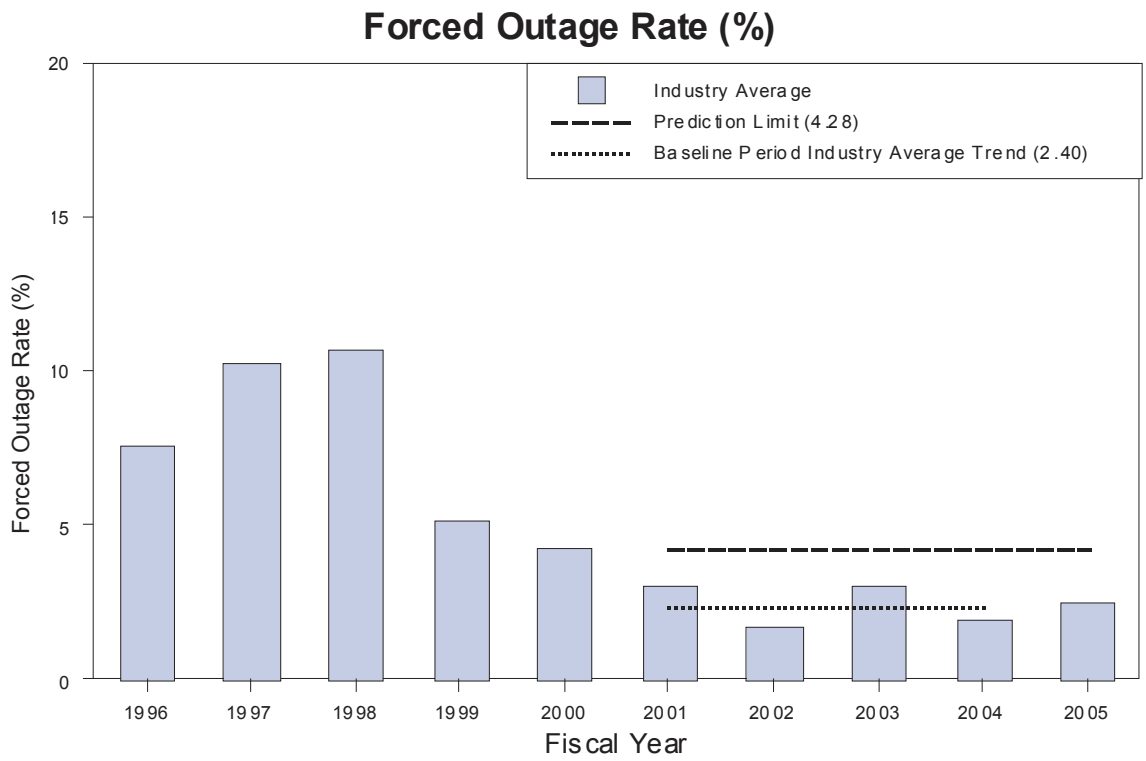
Safety System Actuations

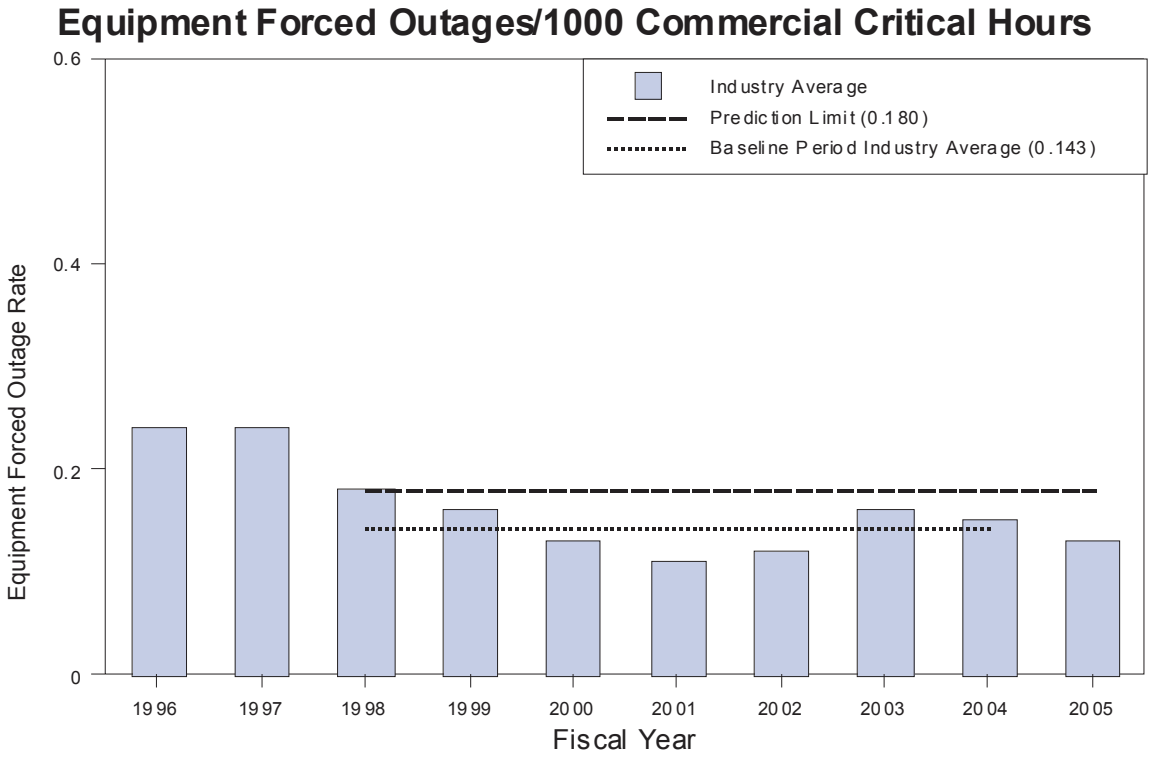


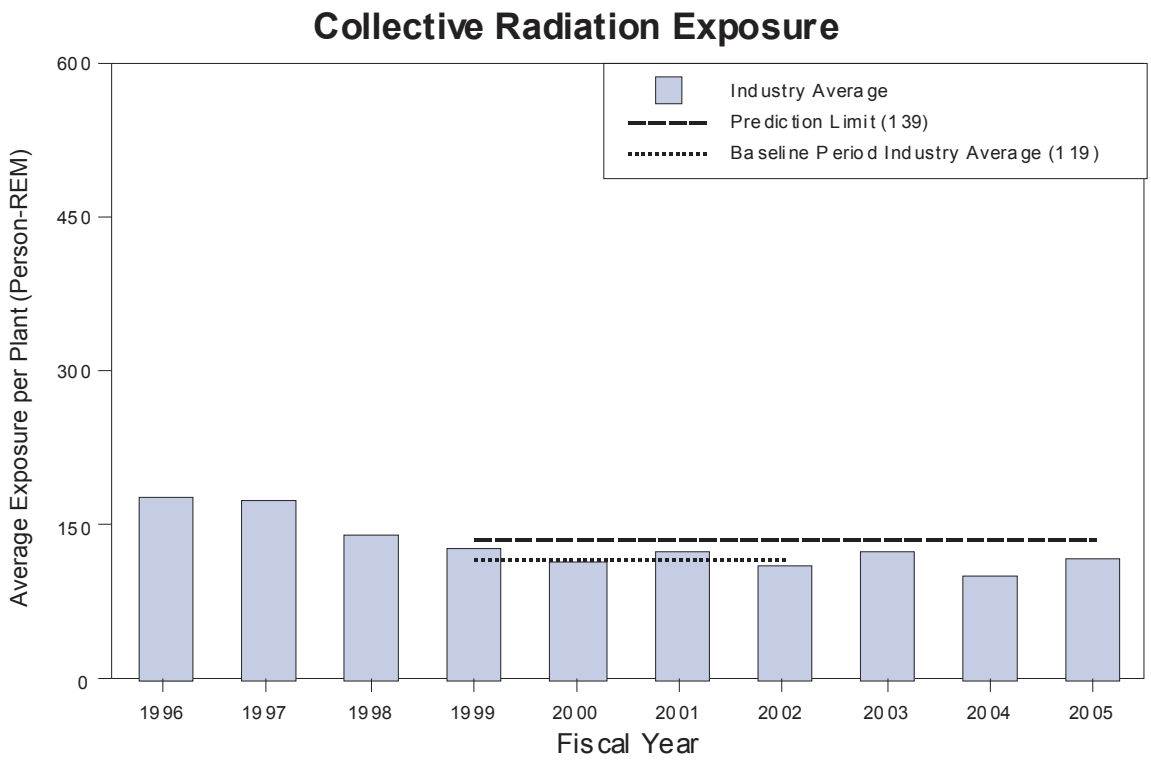
Enclosure 2

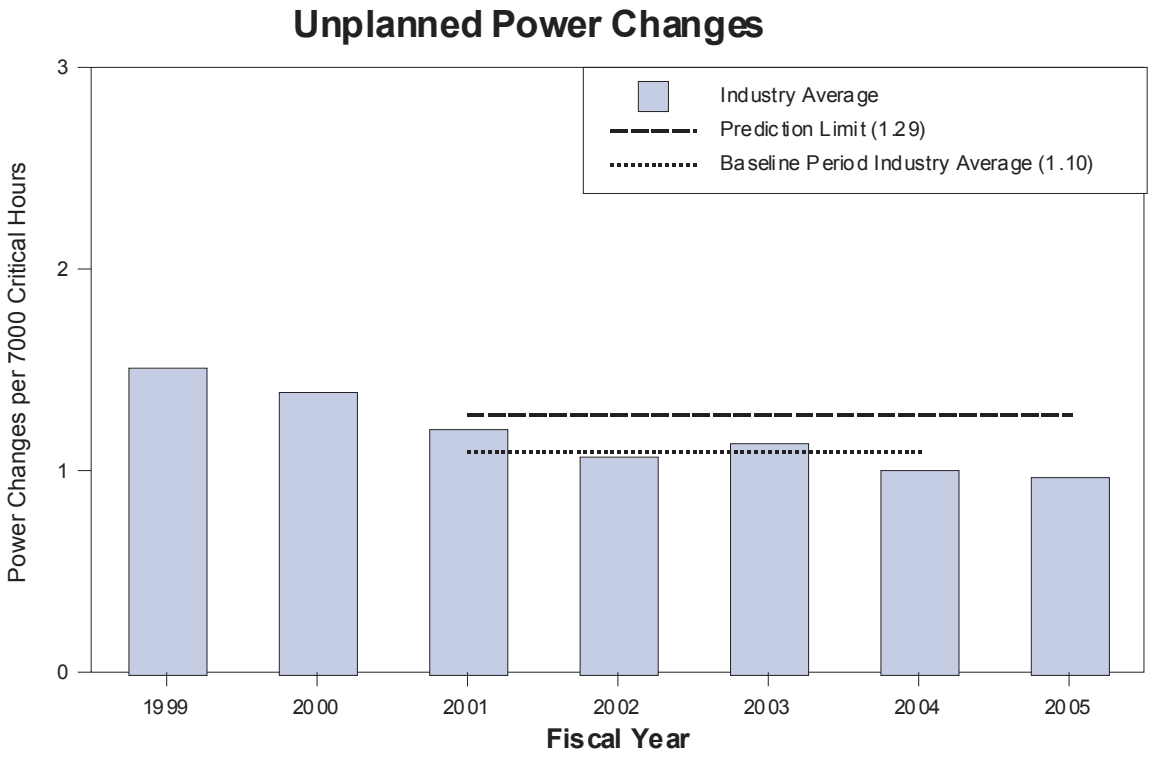

Significant Events
Industry Average
Prediction Limit (0.107)
Baseline Period Industry Average (0.052)
Events per Plant
1
0.8
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
Fiscal Year

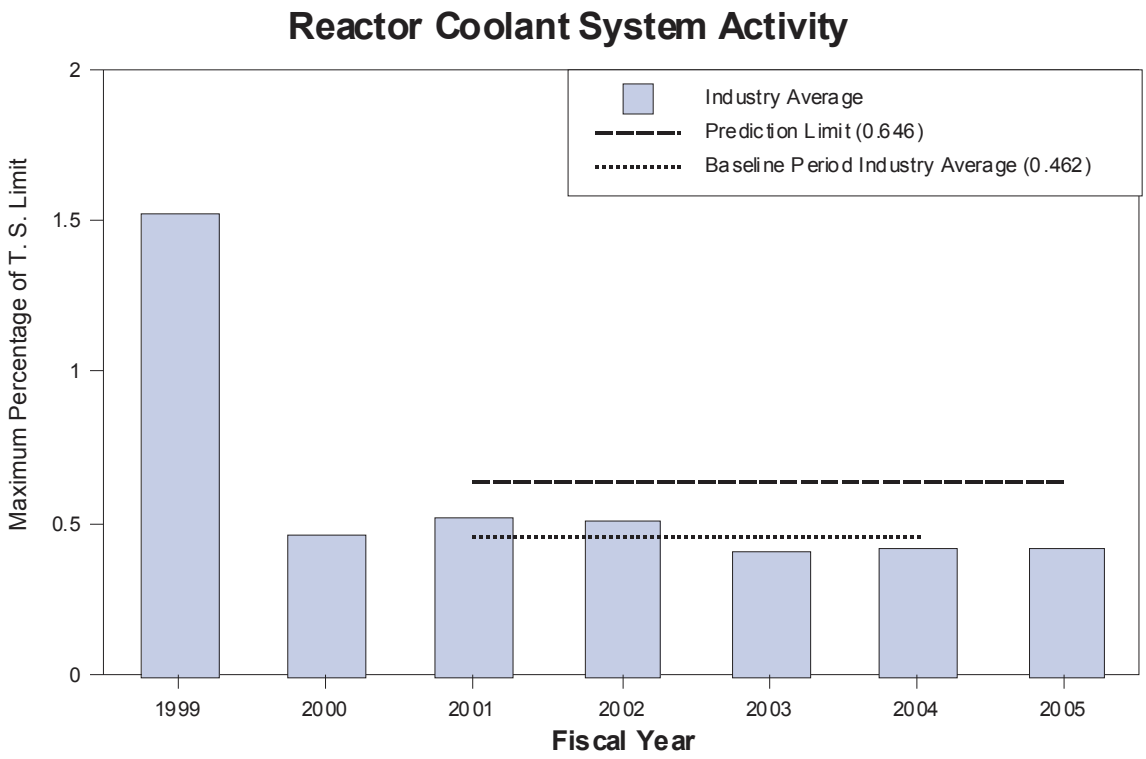

Safety System Failures
Industry Average
Prediction Limit (1.03)
Baseline Period Industry Average (0.850)
Failures per Plant
5
4
3
2
1
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
Fiscal Year

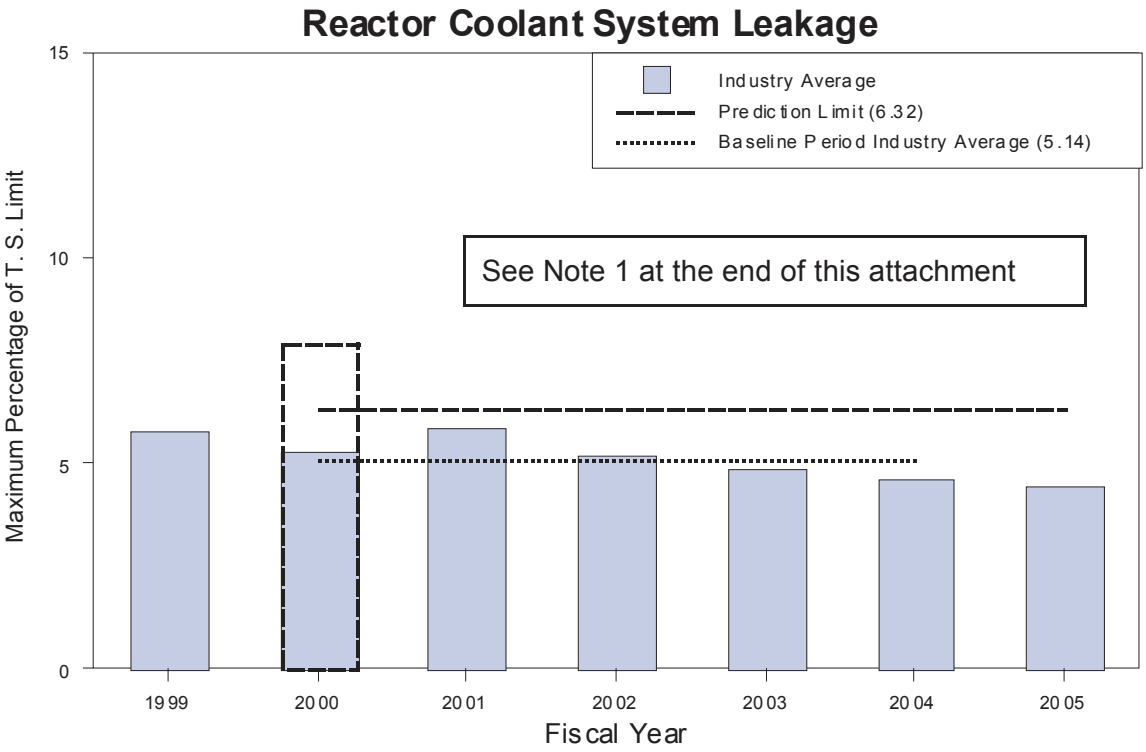

Forced Outage Rate (%)
Industry Average
Prediction Limit (4.28)
Baseline Period Industry Average Trend (2.40)
Forced Outage Rate (%)
20
15
10
5
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
Fiscal Year


Equipment Forced Outages/1000 Commercial Critical Hours
Industry Average
Prediction Limit (0.180)
Baseline Period Industry Average (0.143)
Equipment Forced Outage Rate
0.6
0.4
0.2
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
Fiscal Year

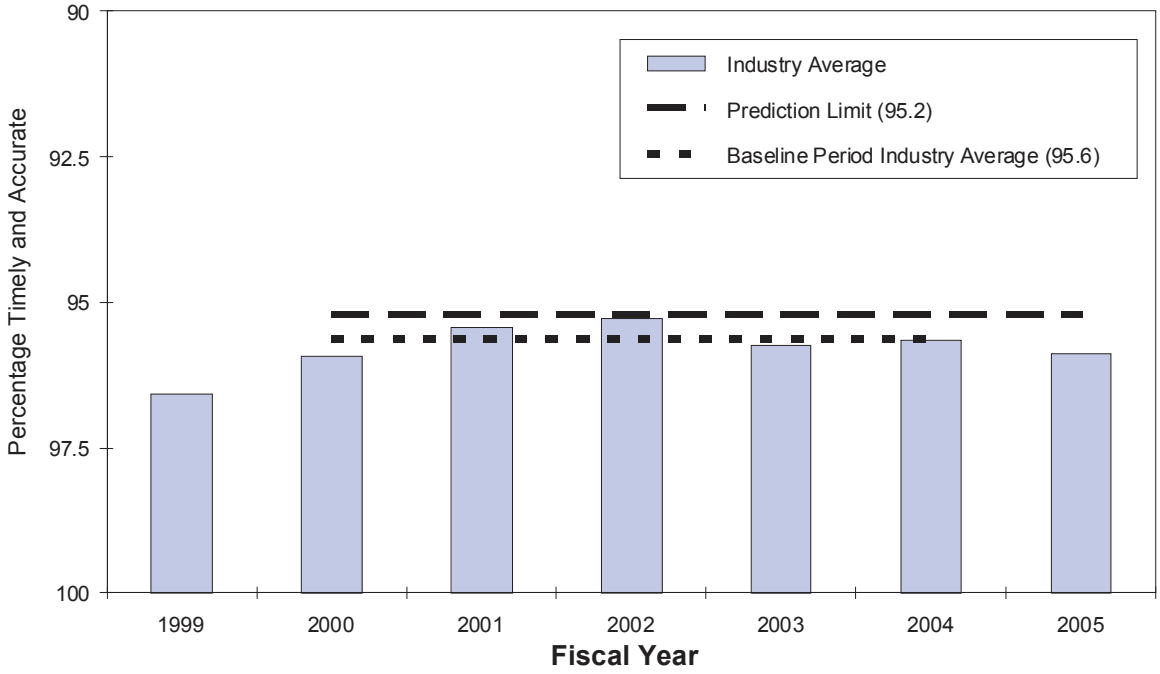

Collective Radiation Exposure
Industry Average
Prediction Limit (139)
Baseline Period Industry Average (119)
Average Exposure per Plant (Person-REM)
600
450
300
150
0
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
Fiscal Year


Unplanned Power Changes
Industry Average
Prediction Limit (1.29)
Baseline Period Industry Average (1.10)
Power Changes per 7000 Critical Hours
3
2
1
0
1999
2000
2001
2002
2003
2004
2005
Fiscal Year

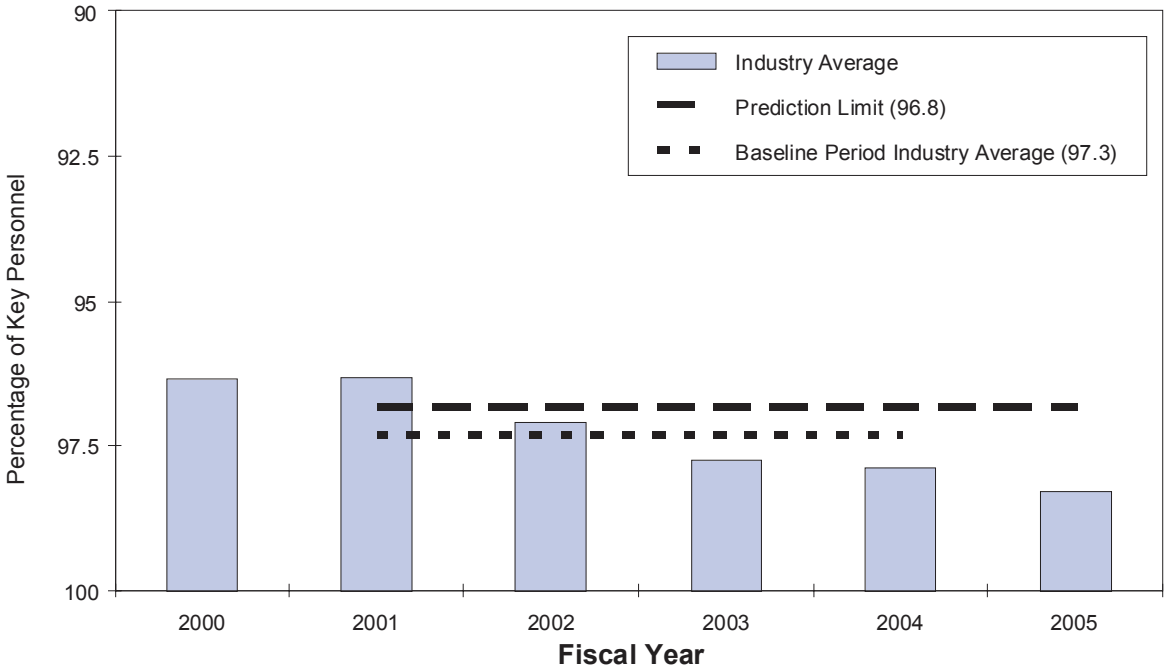

Reactor Coolant System Activity
Industry Average
Prediction Limit (0.646)
Baseline Period Industry Average (0.462)
Maximum Percentage of T. S. Limit
2
1.5
1
0.5
0
1999
2000
2001
2002
2003
2004
2005
Fiscal Year


Reactor Coolant System Leakage
Industry Average
Prediction Limit (6.32)
Baseline Period Industry Average (5.14)
See Note 1 at the end of this attachment
Maximum Percentage of T. S. Limit
15
10
5
0
1999
2000
2001
2002
2003
2004
2005
Fiscal Year

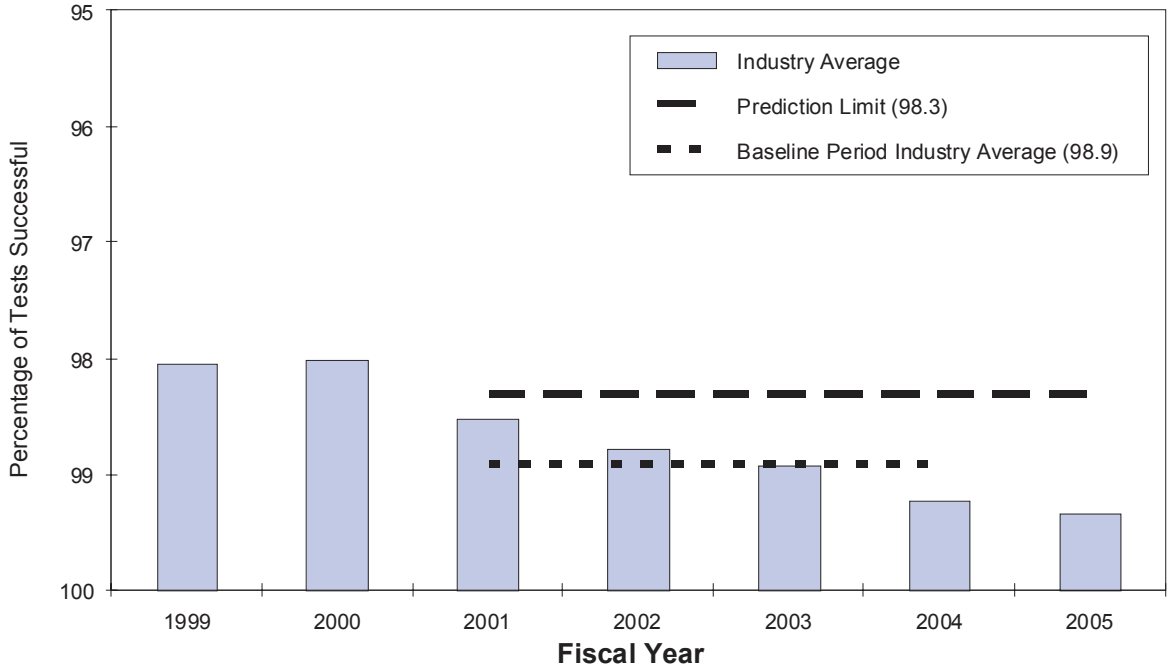
Drill/Exercise Performance



ERO Drill Participation



Alert and Notification System Reliability



Reactor Coolant System Leakage

Note 1: The Indian Point 2 steam generator tube rupture event was removed from FY2000 industry trend data for the purpose of determining the short term prediction limit. The event was removed because it was an occurrence at a single unit that overly influenced the statistical analysis of the industry wide data. Removing this event resulted in a lower prediction limit.