

# FY 2004 Industry-Level Rollup of ROP PIs

## Unplanned Scrams

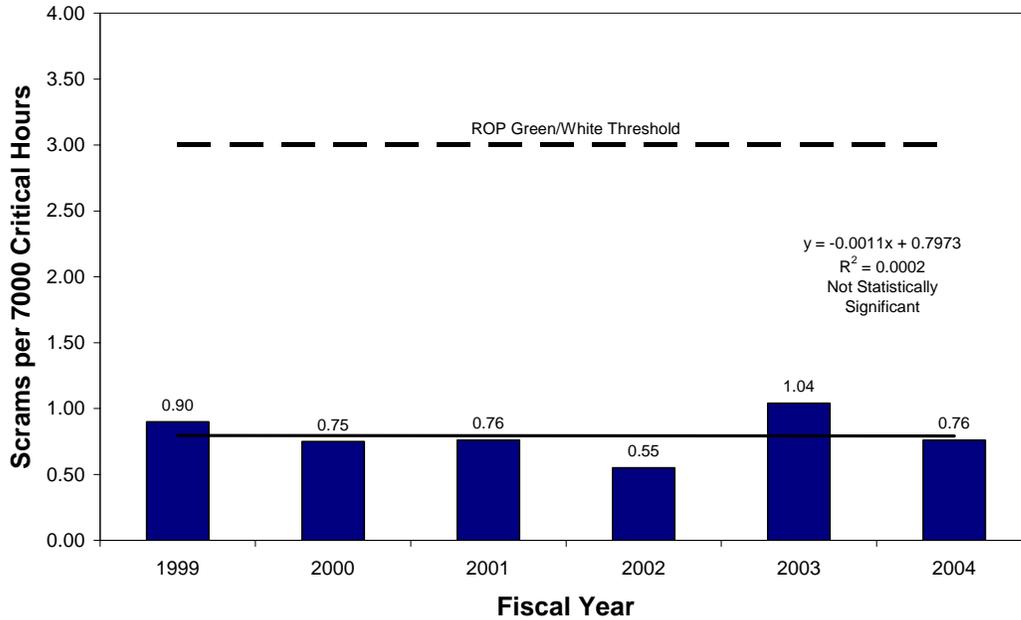


Figure A3-1 Scrams with Loss of Normal Heat Removal

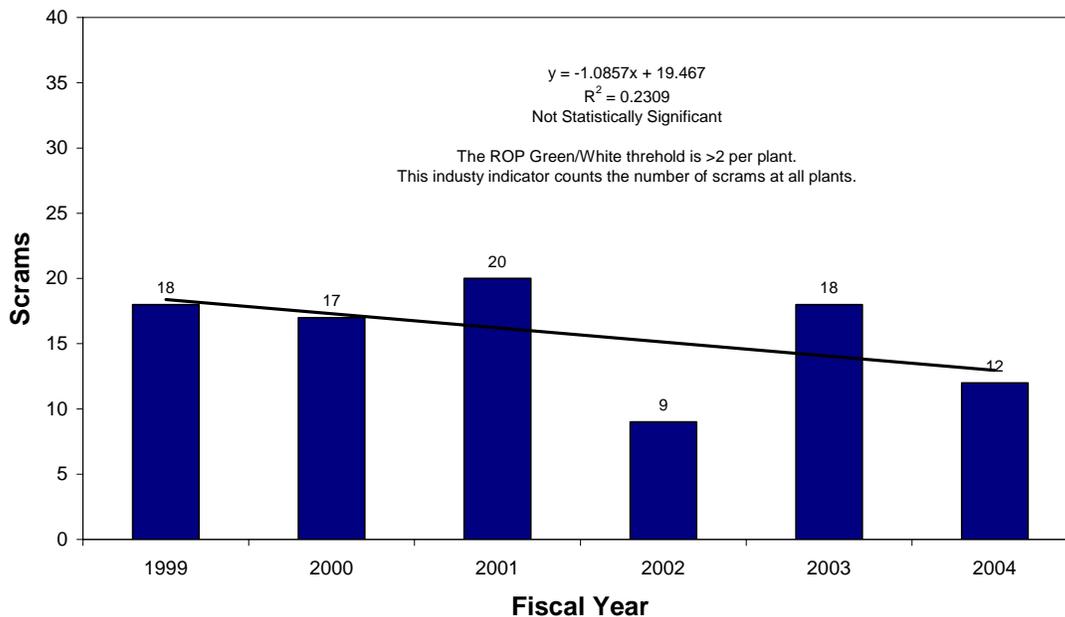


Figure A3-2

Note: Eight scrams from FY 2001—FY 2004 are currently being evaluated by the ROP Working Group to determine if they are scrams with loss of normal heat removal. Five of these scrams have not been reported in the ROP PI data, pending resolution by the working group, and as such are not included in this chart.

## Unplanned Power Changes

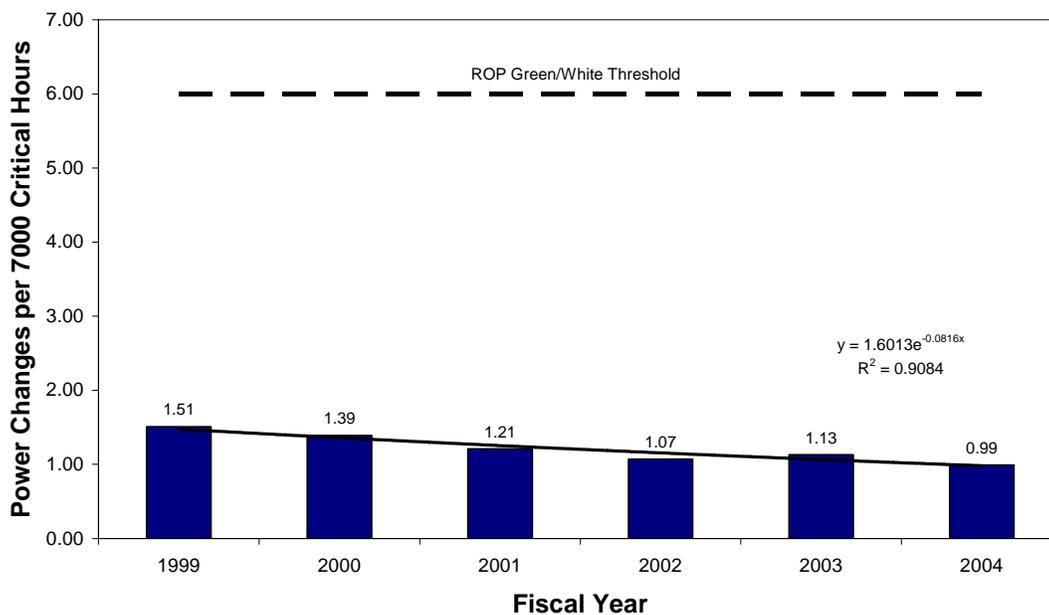


Figure A3-3

## Safety System Unavailability, Emergency AC Power

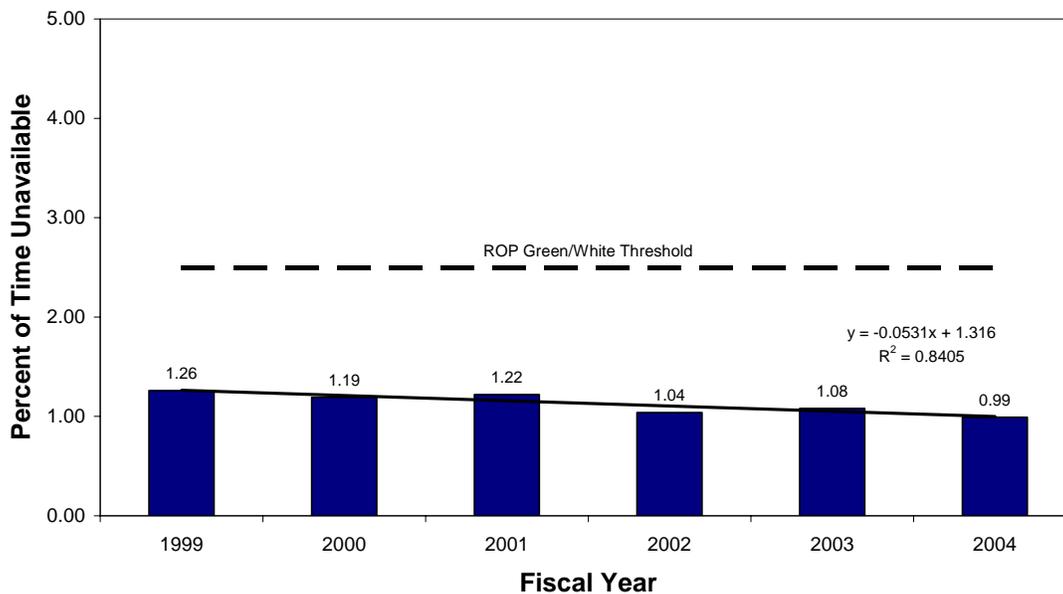


Figure A3-4

### Safety System Unavailability, High Pressure Coolant Injection (HPCI)

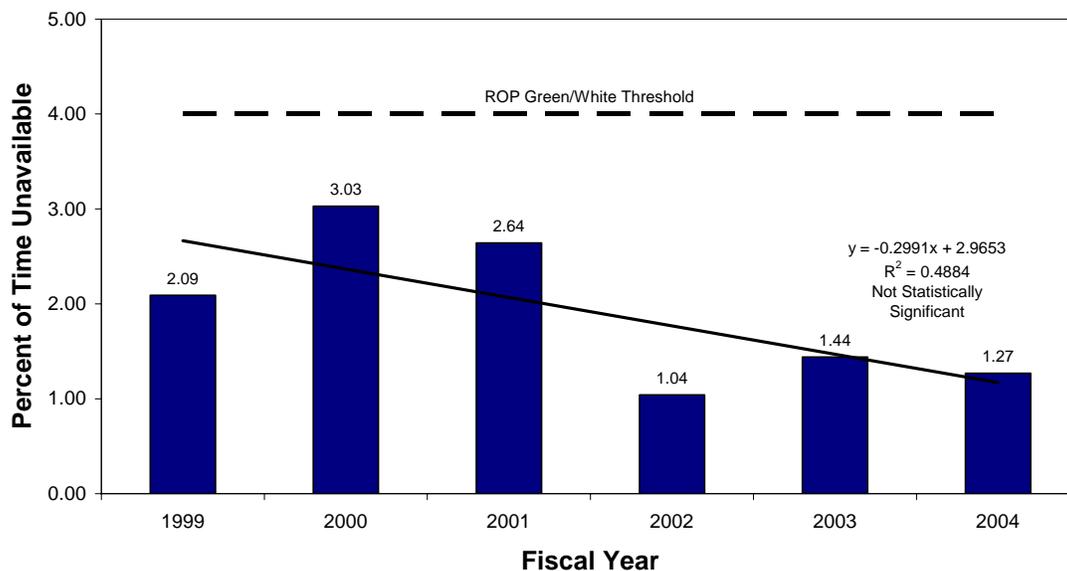


Figure A3-5

### Safety System Unavailability, High Pressure Core Spray (HPCS)

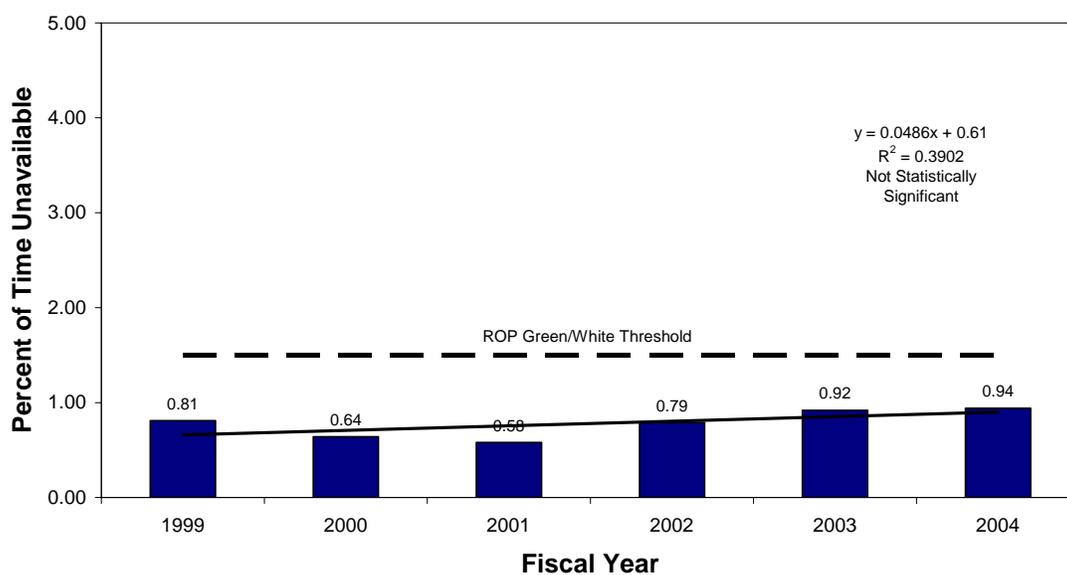


Figure A3-6

### Safety System Unavailability, High Pressure Injection System (HPSI)

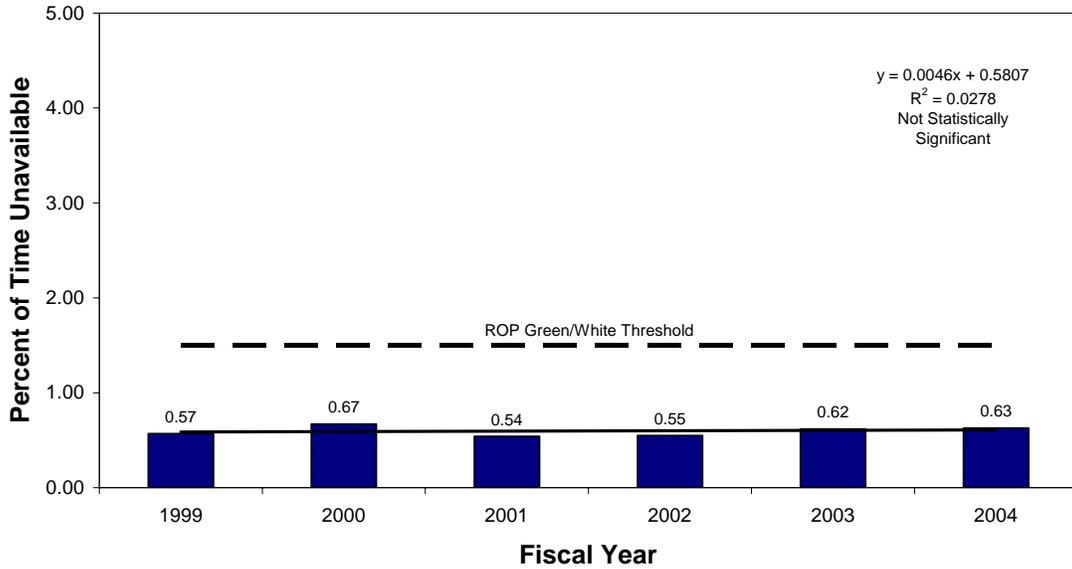


Figure A3-7

### Safety System Unavailability, Heat Removal System (RCIC)

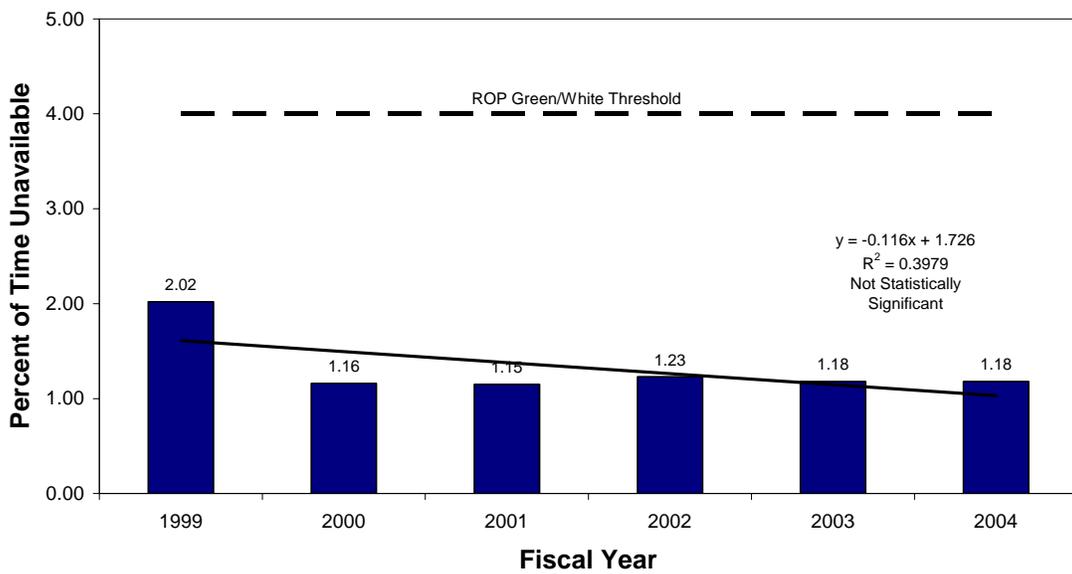


Figure A3-8

### Safety System Unavailability, Heat Removal System (AFW)

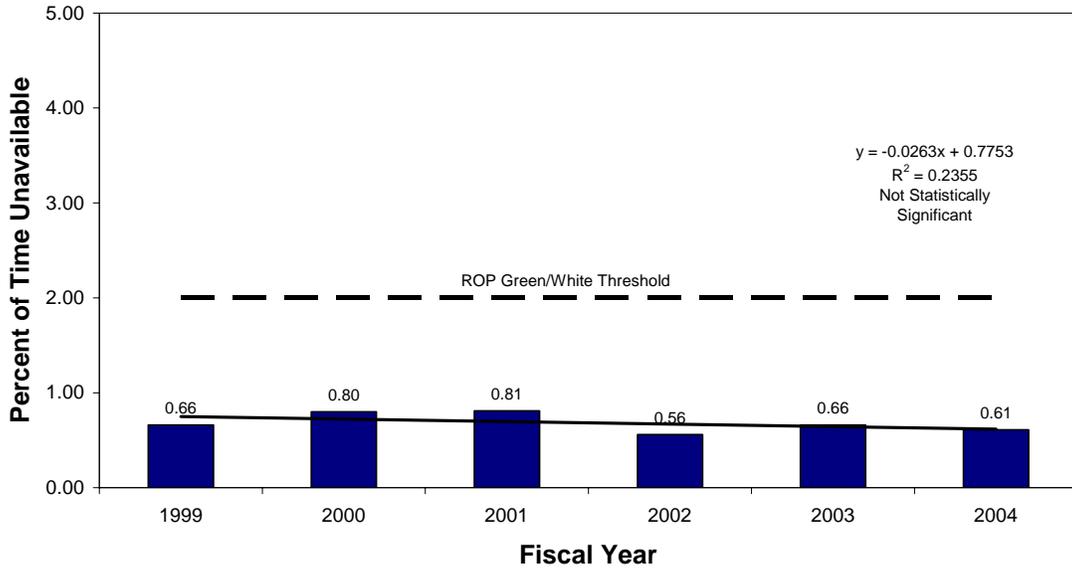


Figure A3-9

### Safety System Unavailability, Residual Heat Removal System (BWR)

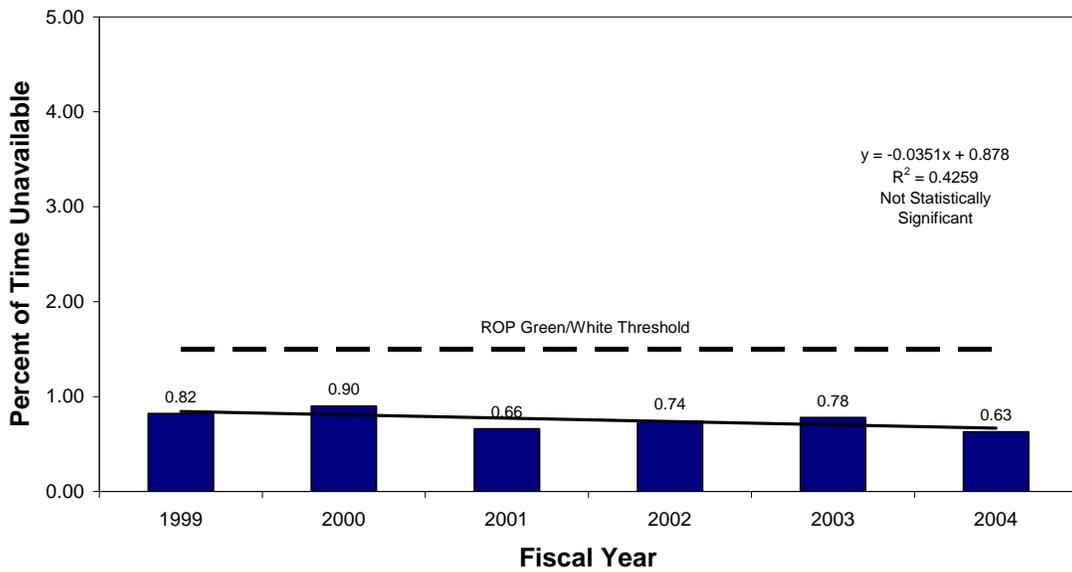


Figure A3-10

### Safety System Unavailability, Residual Heat Removal System (PWR)

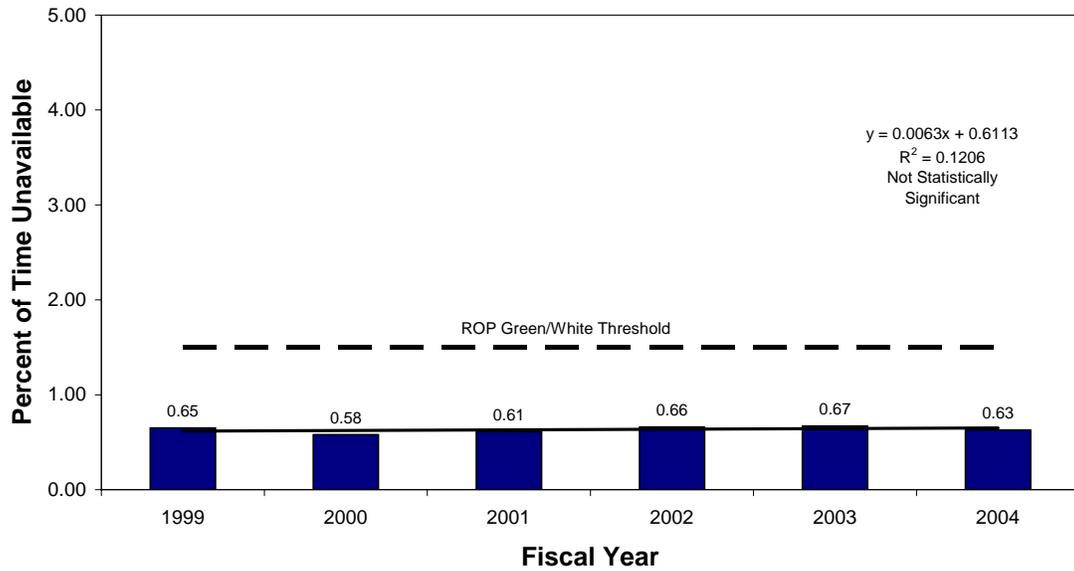


Figure A3-11

### Safety System Functional Failures (BWR)

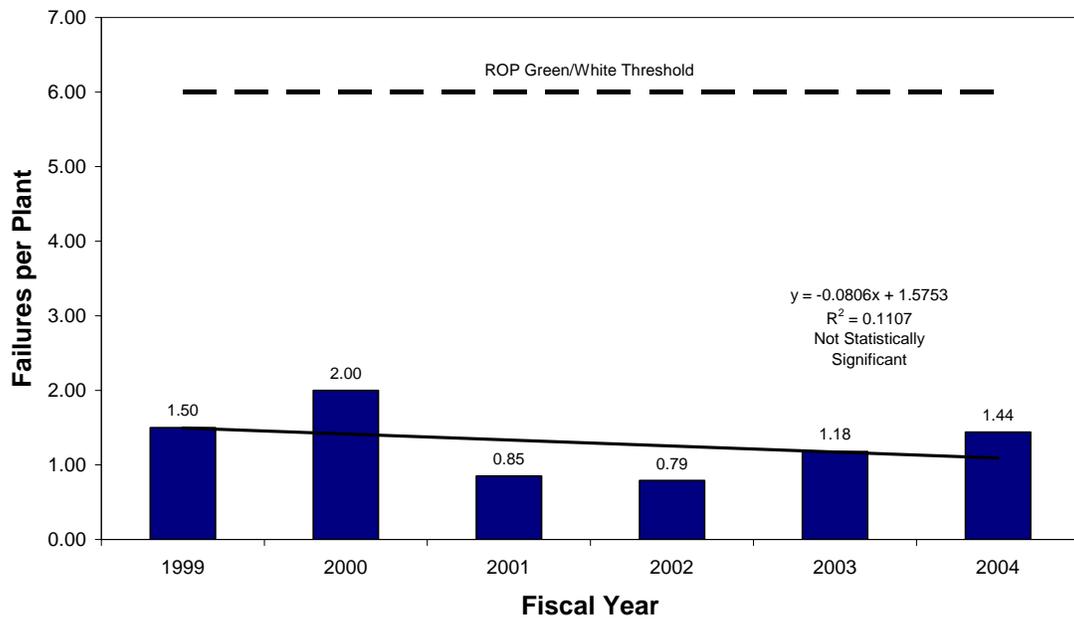


Figure A3-12

### Safety System Functional Failures (PWR)

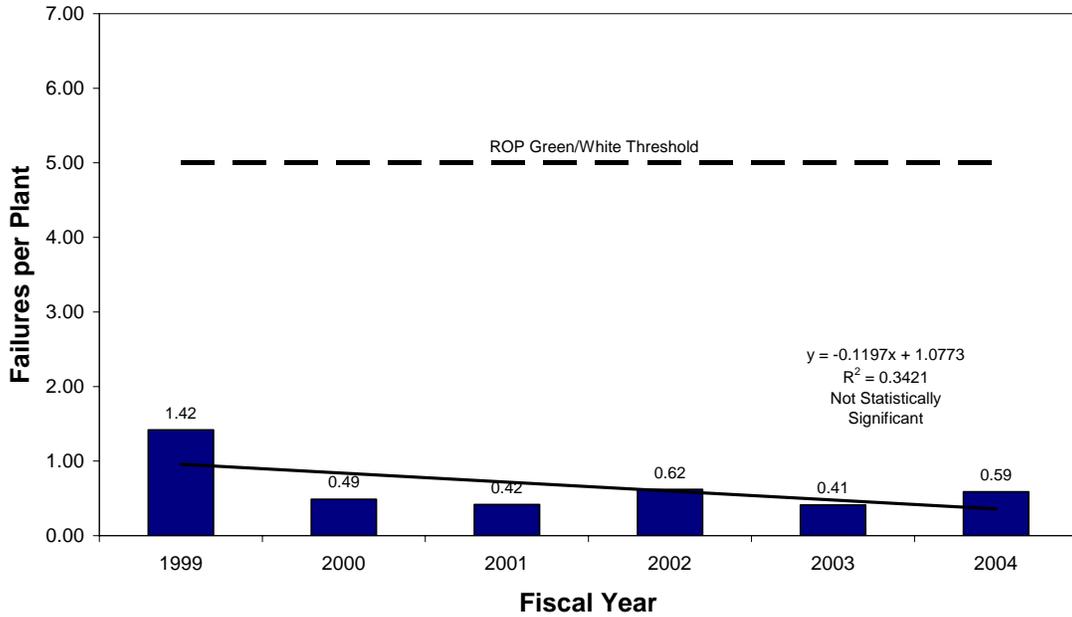


Figure A3-13

### Reactor Coolant System Activity

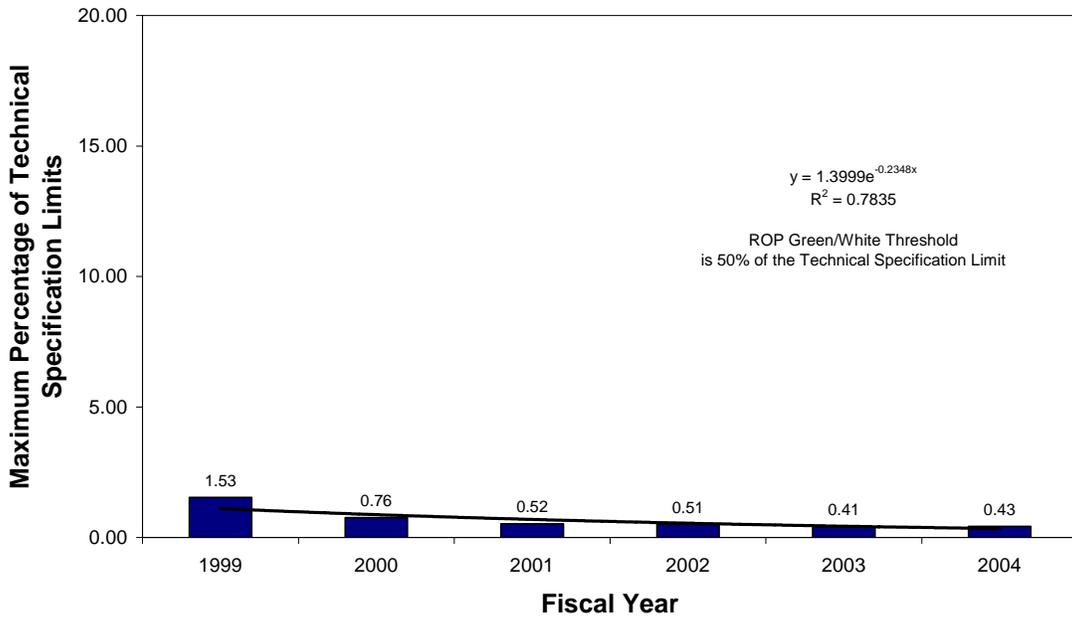


Figure A3-14

### Reactor Coolant System Leakage

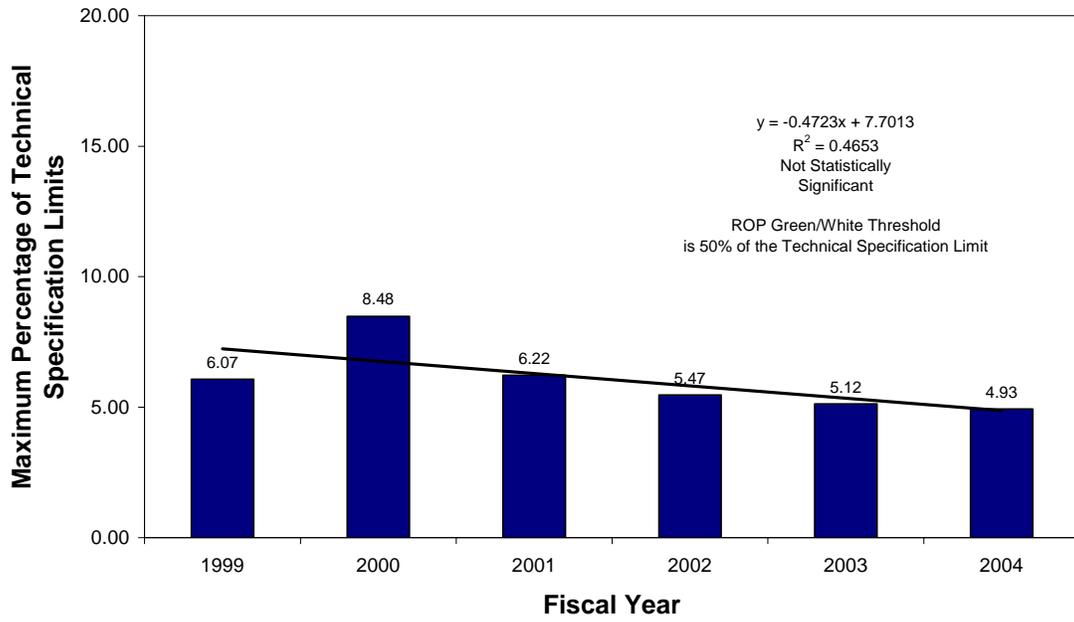


Figure A3-15

### Drill/Exercise Performance

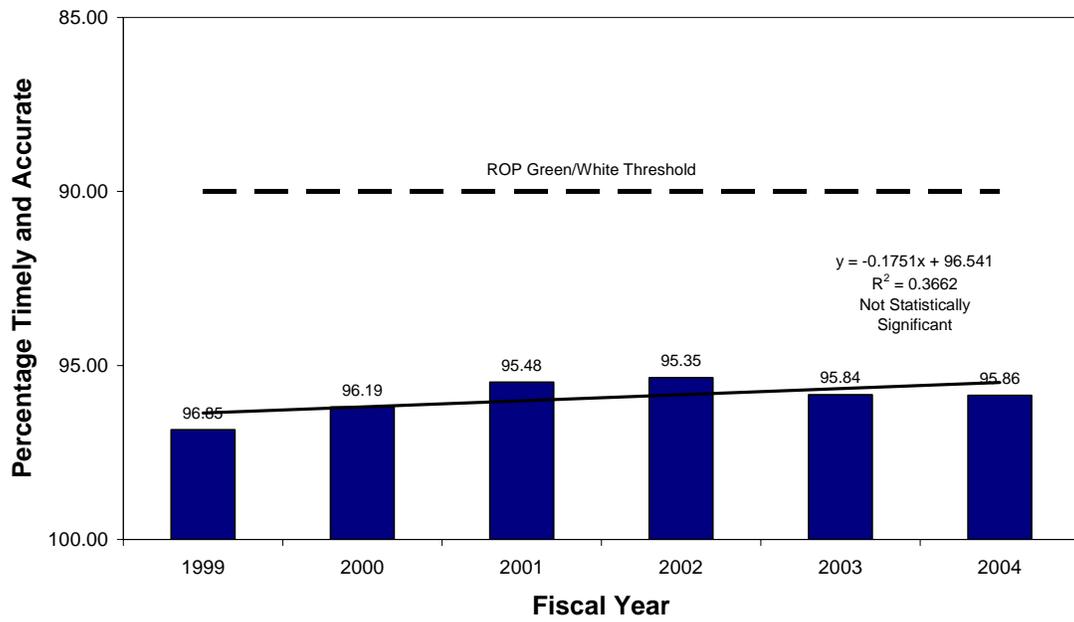


Figure A3-16

### ERO Drill Participation

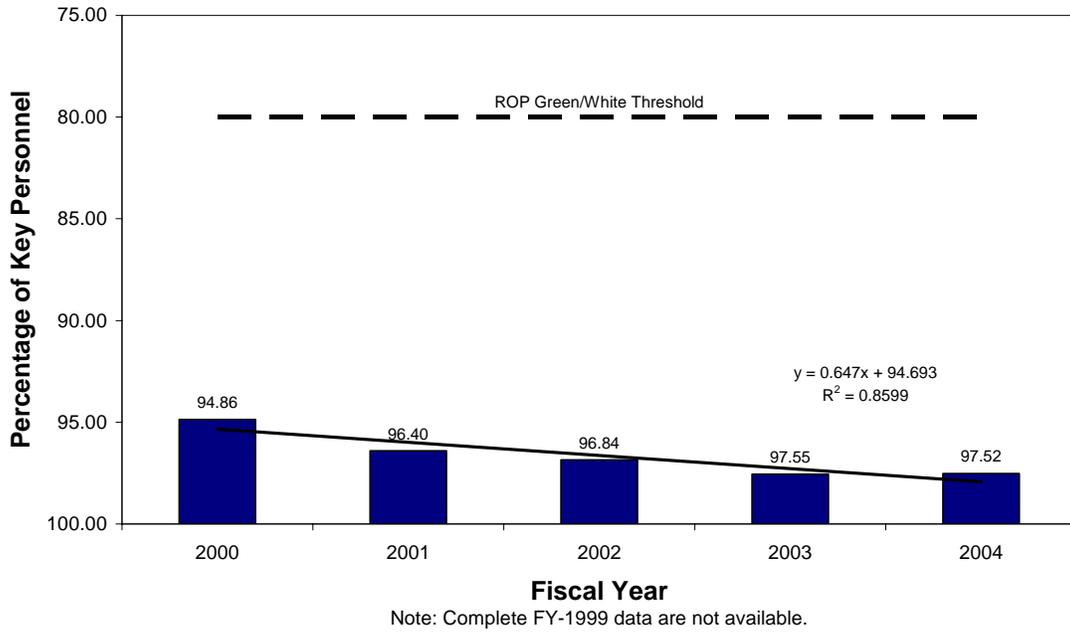


Figure A3-17

### Alert and Notification System Reliability

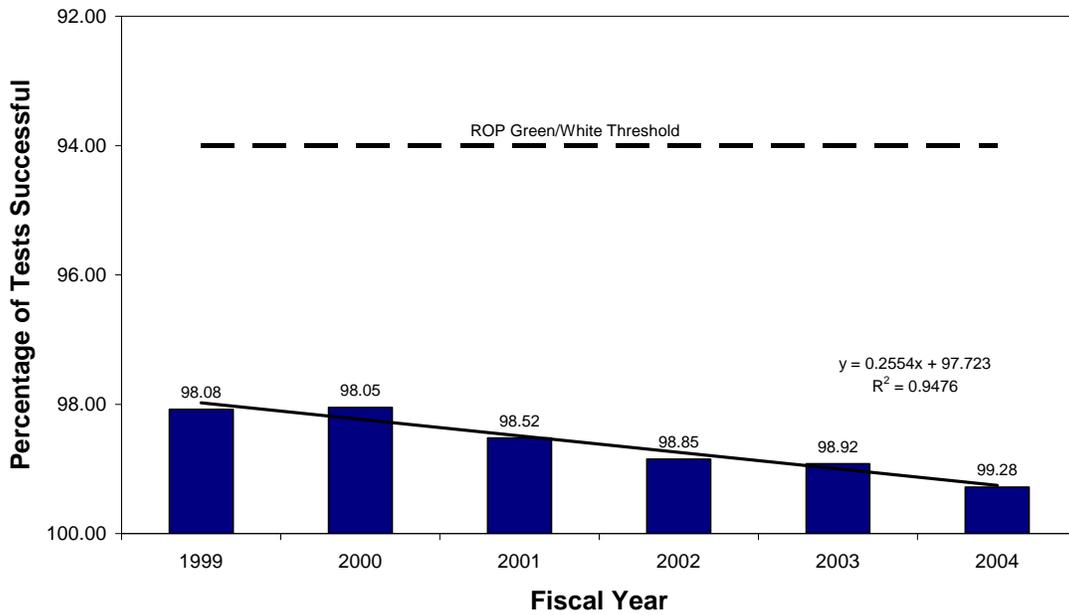


Figure A3-18

## Occupational Exposure Control Effectiveness

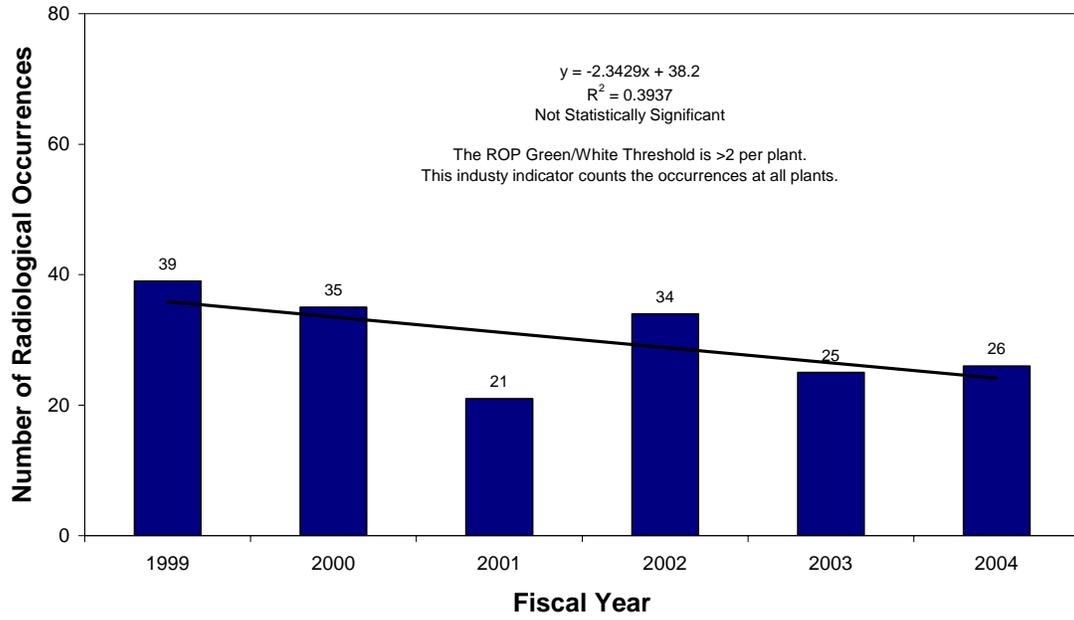


Figure A3-19

## RETS/ODCM Radiological Effluent Occurrences

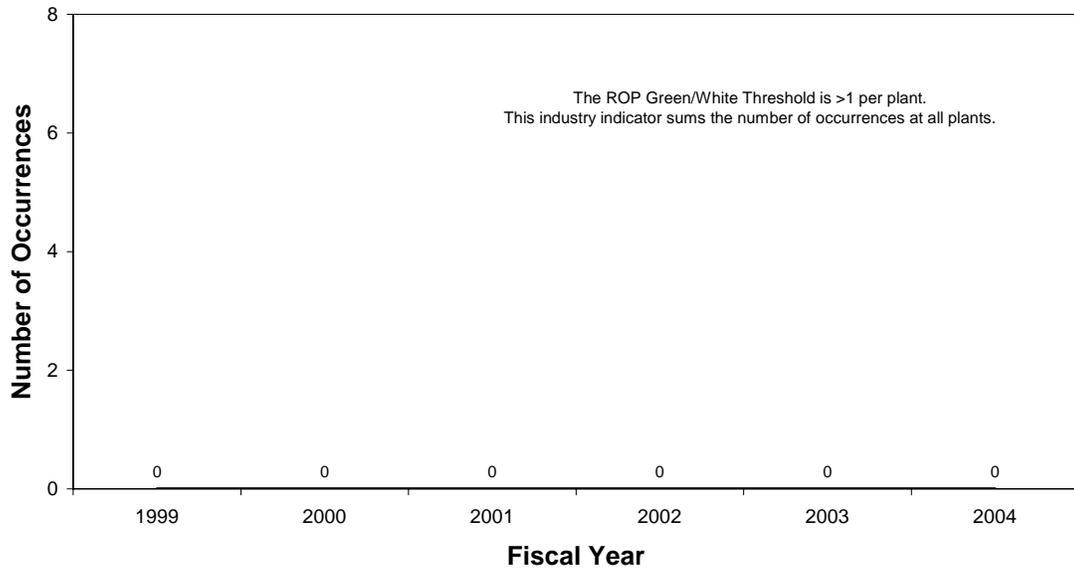


Figure A3-20