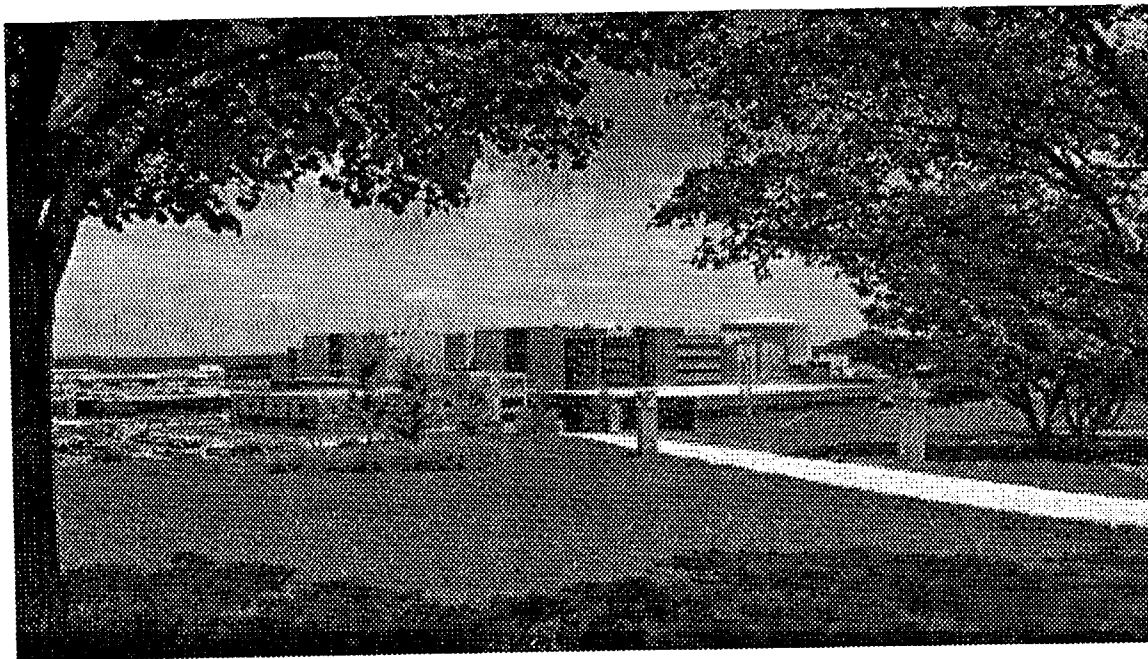


*Catawba Nuclear Station
Plant Performance /
Self-Assessment Meeting
April 16, 2001*



Enclosure 2

Agenda

Introduction

Gary Peterson

Plant Performance

Ron Jones

Power History

Outage Performance

Engineering Performance

Pete Herran

Configuration Management /

Protect the Design Basis

System/ Equipment Reliability

Safety Assurance

Dick Sweigart

Future Vision

Gary Peterson

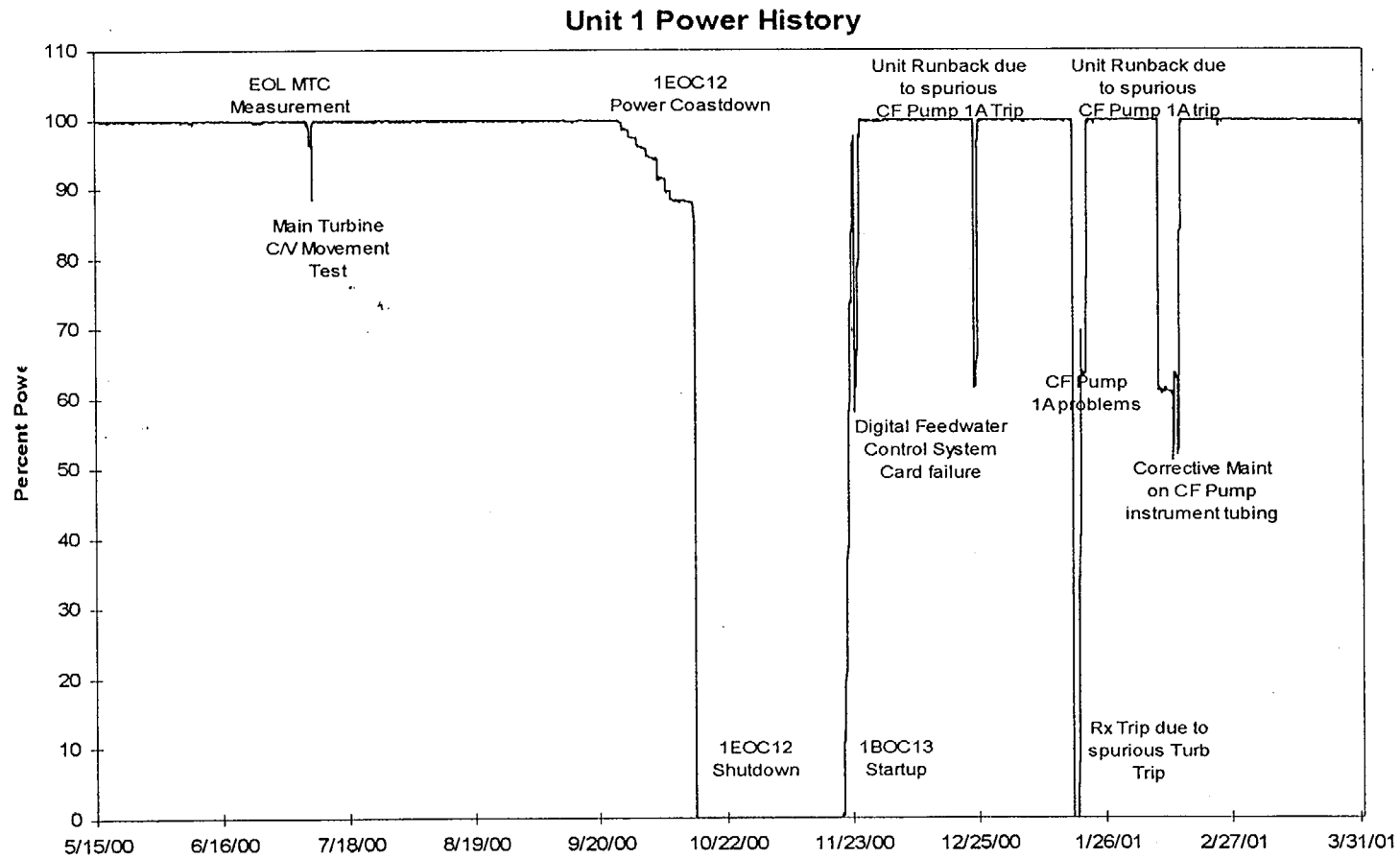
Plant Performance

Power History

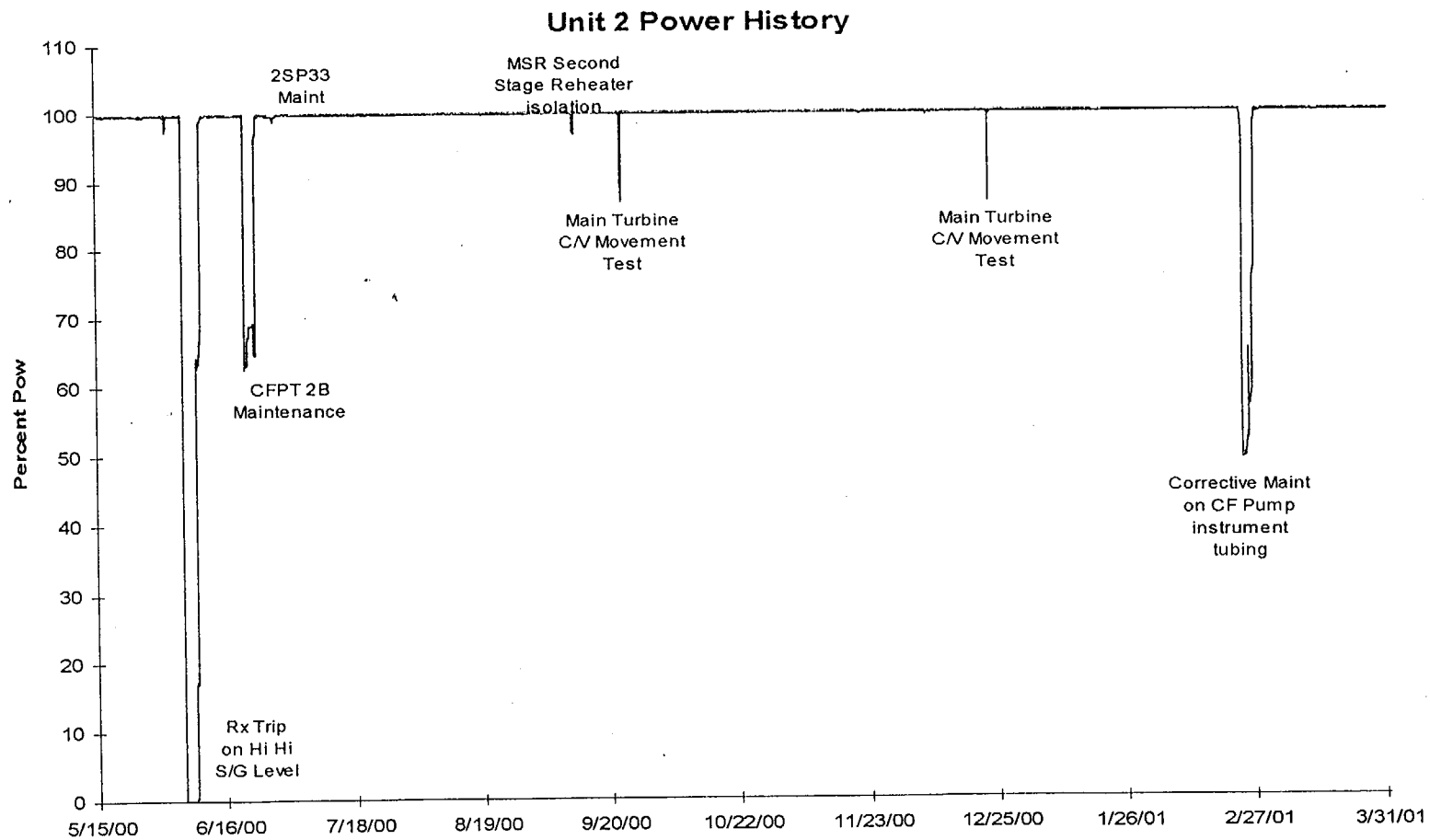
Outage Performance

Ron Jones

Plant Performance



Plant Performance



Plant Performance

- ★ *90.27 Capacity Factor for 2000 with 2 unit outages*
- ★ *INPO Rating*
- ★ *Unit 1 ended 242 days run when shutdown for 1EOC12 refueling outage Fall 2000*
- ★ *Unit 2 currently on-line 312 days*
- ★ *1st Quartile for lowest exposure*

Plant Performance - Outage 1EOC12

★ Outage Successes

- ◆ Duration*

- ◆ Outage LERs*

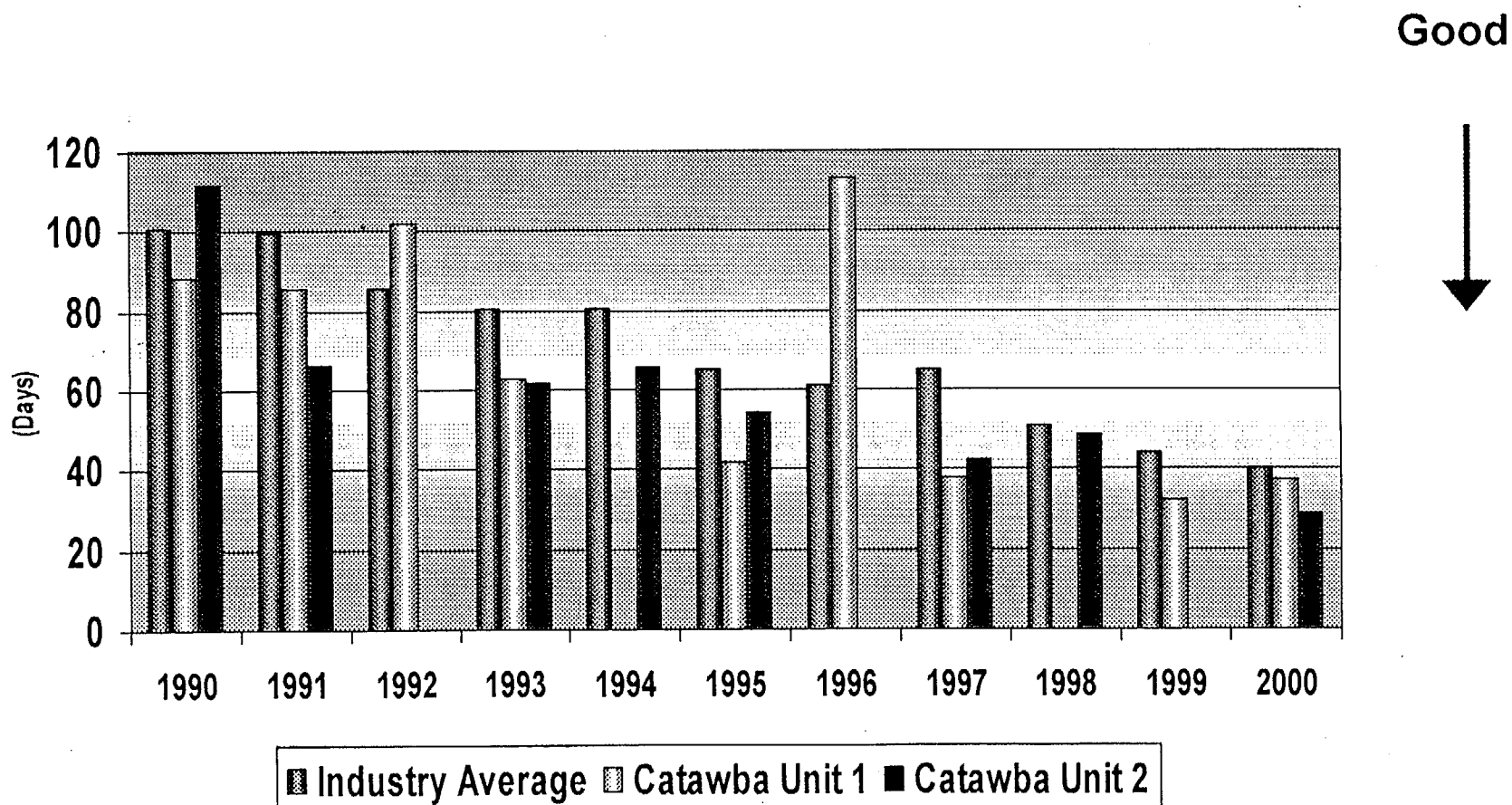
- ◆ Liquid Radwaste*

- ◆ Probability Risk Assessment*

★ Outage Challenges

Planning Performance - Outage

1EOC12



Plant Performance - Outage 1EOC12

★ Significant Modifications

- ◆ Rod Position Indication Control Room Display Upgrade*
- ◆ Replacement of Upper Internals Guide Tube Support Pins*
- ◆ Replace Nuclear Service Water / Auxiliary Feedwater Piping*
- ◆ Nuclear Service Water Chemical Addition*

★ Significant Jobs

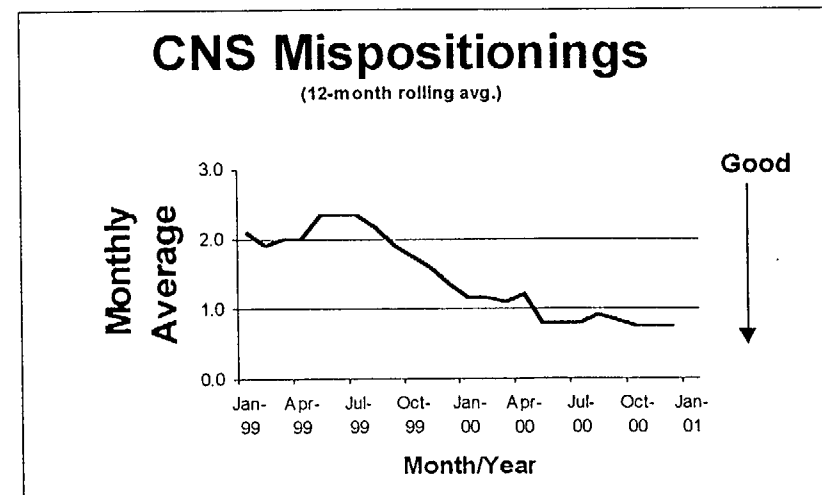
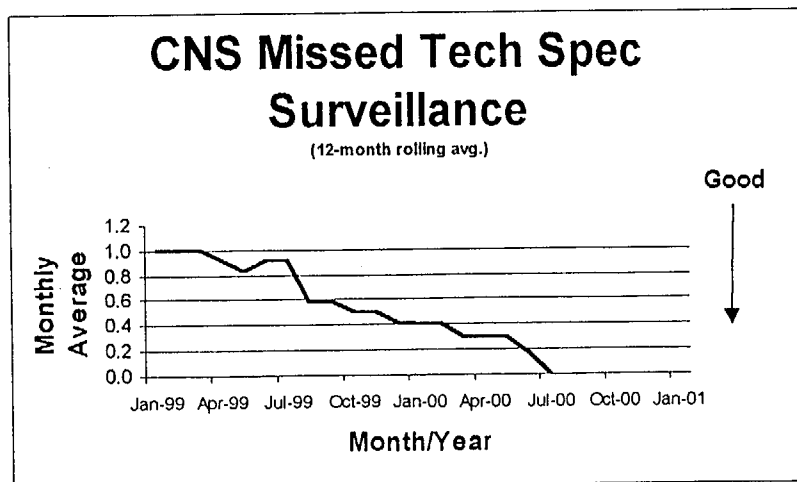
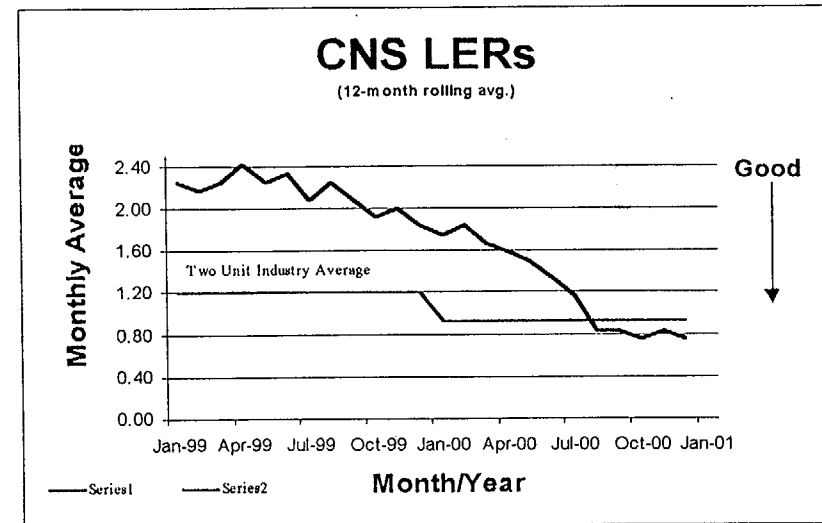
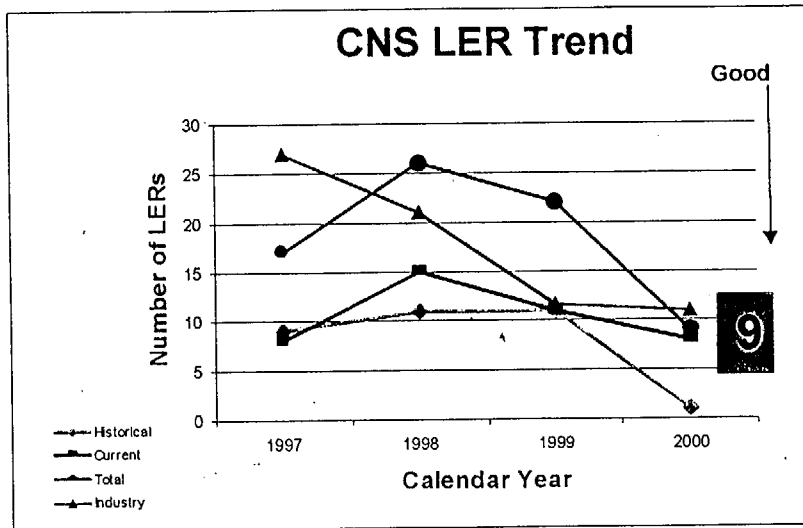
- ◆ Nuclear Service Water Pipe Cleaning*
- ◆ Containment Overall Integrated Leak Rate Test*

Plant Performance - Initiatives

★ 2000 Initiatives

- ◆ *Human Performance*
- ◆ *Configuration Management*
- ◆ *Procedures*
- ◆ *Equipment Performance*
- ◆ *Corrective Action Program*

Plant Performance - Initiatives Results



Plant Performance - Initiatives

★ 2001 Initiatives

- ◆ *Corrective Action Program Closed*
- ◆ *Add Vendor Oversight*
- ◆ *Carry Remaining 4 Initiative to 2001 -*
 - *Human Performance*
 - *Procedures*
 - *Configuration Management*
 - *Equipment Performance*

Engineering

Configuration Management /

Protect the Design Basis

System / Equipment Reliability

Pete Herran




Engineering - Configuration Management / Protect the Design Basis

- ★ *Operable But Degraded (OBDs)*
 - ◆ *Current Status of OBDs*
- ★ *Long Range Configuration Improvements*

Engineering - System / Equipment Reliability

- ★ *LERs due to Equipment Reliability Reduced*
 - ◆ *0 LERs due to HVAC*
- ★ *Maintenance Rule A1 Systems Reduced*
 - ◆ *4 in April 2001 vs 23 in August 1999*
- ★ *Fuel Reliability Maintained*
- ★ *Unplanned Capability Loss Factor Improved*
 - ◆ *2.26% in 2000 vs 6.67% in 1999*




Improved Equipment Performance

- ★ *Management Focus via Site Initiative*
- ★ *System / Equipment Health Reports*
- ★ *Specific Action Plans*
 - ◆ *HVAC*
 - ◆ *Auxiliary Feedwater*
 - ◆ *Nuclear Service Water*
- ★ *Root Causes and Corrective Action Review Board*

Equipment Reliability


★ Health Report Status (4th Quarter 2000)

	<i># of Health Reports</i>	<i># Red</i>	<i># Yellow</i>
<i>Systems</i>	<i>151</i>	<i>8</i>	<i>61</i>
<i>Components</i>	<i>92</i>	<i>1</i>	<i>17</i>
<i>Programs</i>	<i>9</i>	<i>0</i>	<i>3</i>
<i>Total</i>	<i>252</i>	<i>9</i>	<i>81</i>



Safety Assurance

Dick Sweigart



Safety Assurance - NRC Assessment Process Measures

- ★ *CNS NRC Performance Indicators*

- ◆ *All indicators Green*

- ★ *Inspection Results*

- ◆ *All findings Green*

- ◆ *All violations non-cited*

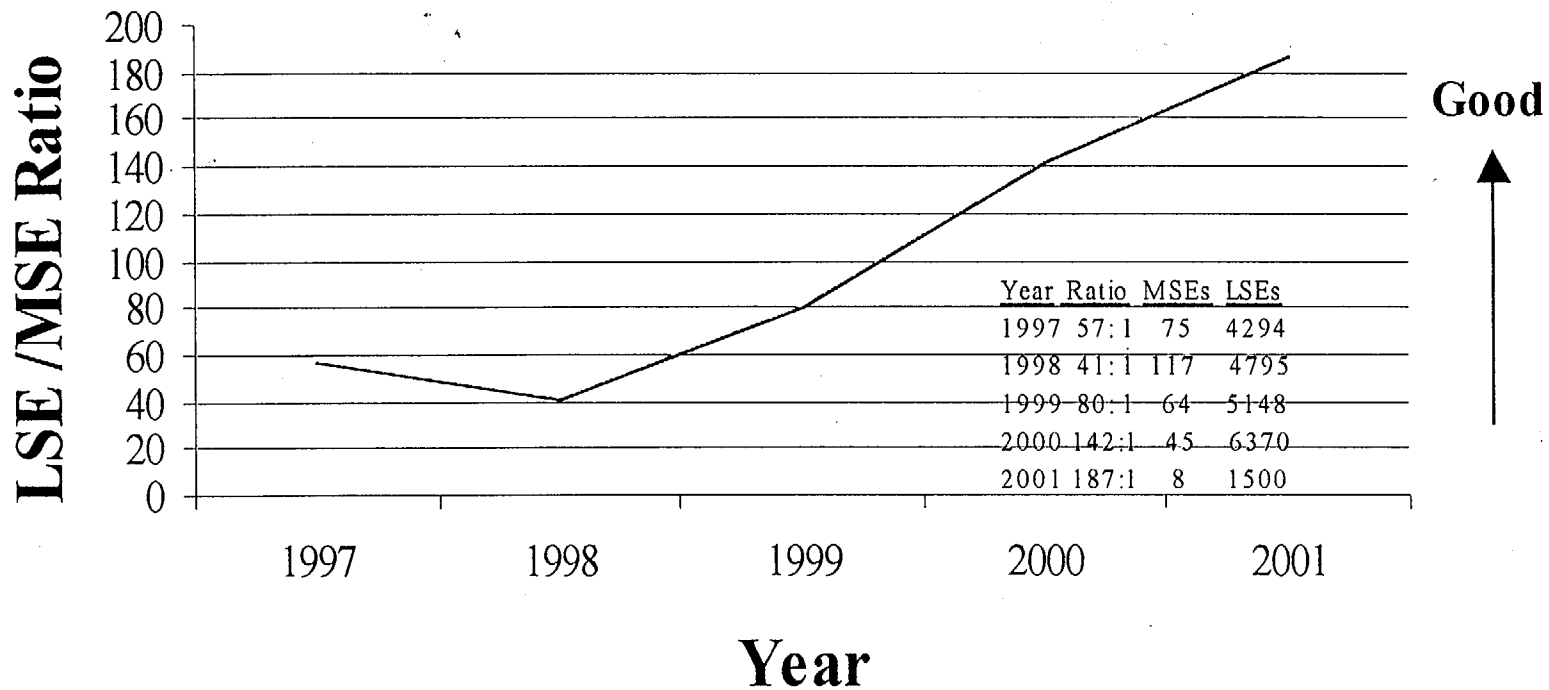
- ★ *NRC Open Items*

- ◆ *2 open items (opened 3/01)*

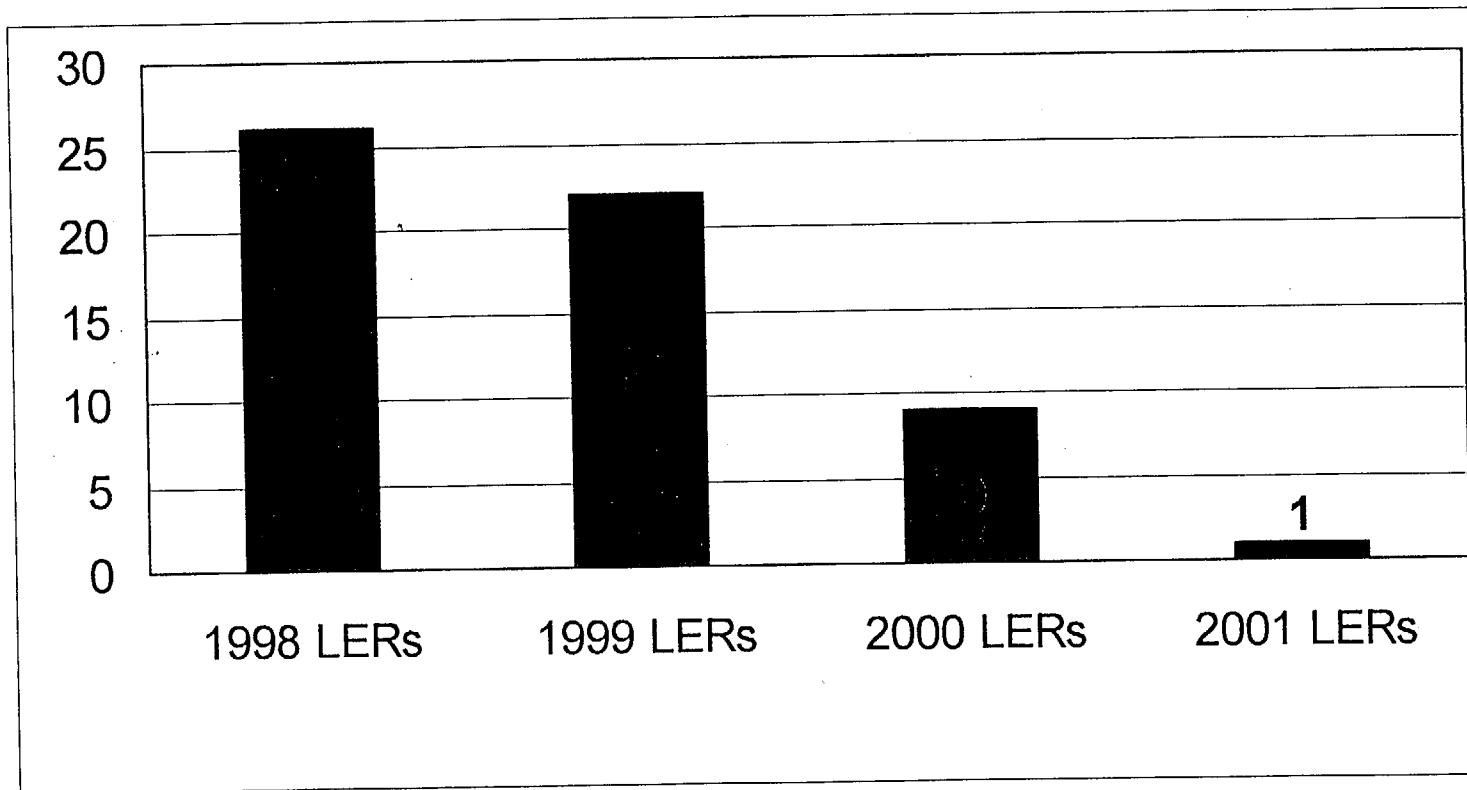
- ◆ *Residual Heat Removal snubber failures open item*

Safety Assurance - Corrective Action Program (PIP) Indicators

LSE / MSE Ratio



Licensee Event Reports



Safety Assurance

- ★ *License Renewal*

- ◆ *Application scheduled for June*

- ★ *MOX Fuel Project*

- ◆ *NRC public meeting starting Spring 2001*

- ★ *Siren Replacement*

- ◆ *77 poles and sirens*



Future Vision

Gary Peterson

Future Vision

- ★ *People - Building for the Future*
- ★ *Long Range Equipment Planning*
- ★ *Outage Planning*

New Hires

★ *2000 New Hires*

Engineering - 5

Operations - 5

Chemistry - 1

Security - 6

Training - 2

Total - 19

★ *2001 New Hires*

Engineering - 6

Operations - 10

Chemistry - 3

Maintenance - 4

Total - 23