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crystal river unit 3  
august 1, 2000

**FLORIDA POWER CORPORATION**

# **CRYSTAL RIVER - UNIT 3**

## **UPDATE**

### **August 1, 2000**

ENCLOSURE 2

1

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# AGENDA

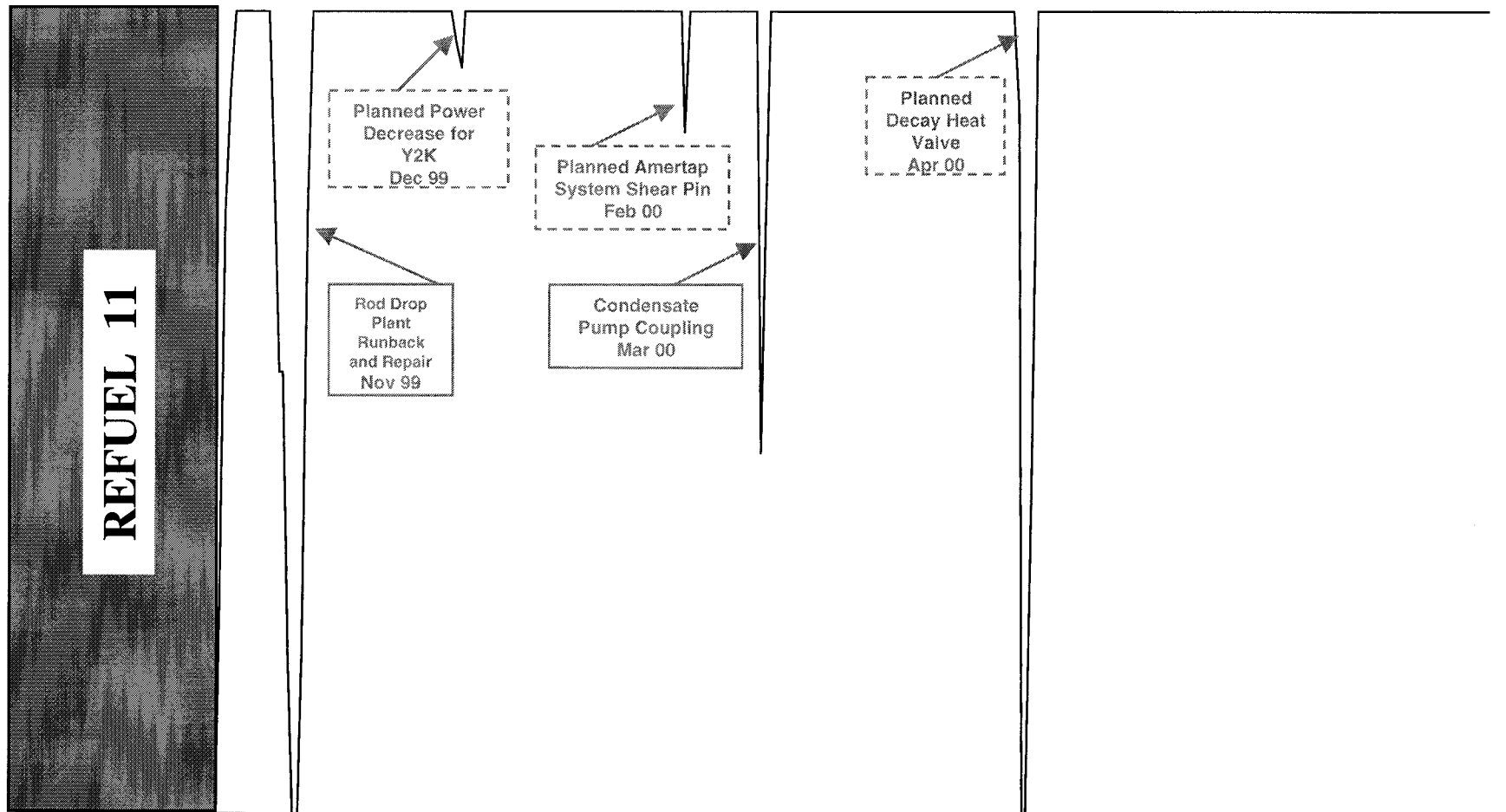
- Plant Performance Summary
- Operations Performance
- Radiological Protection Performance
- Engineering Performance

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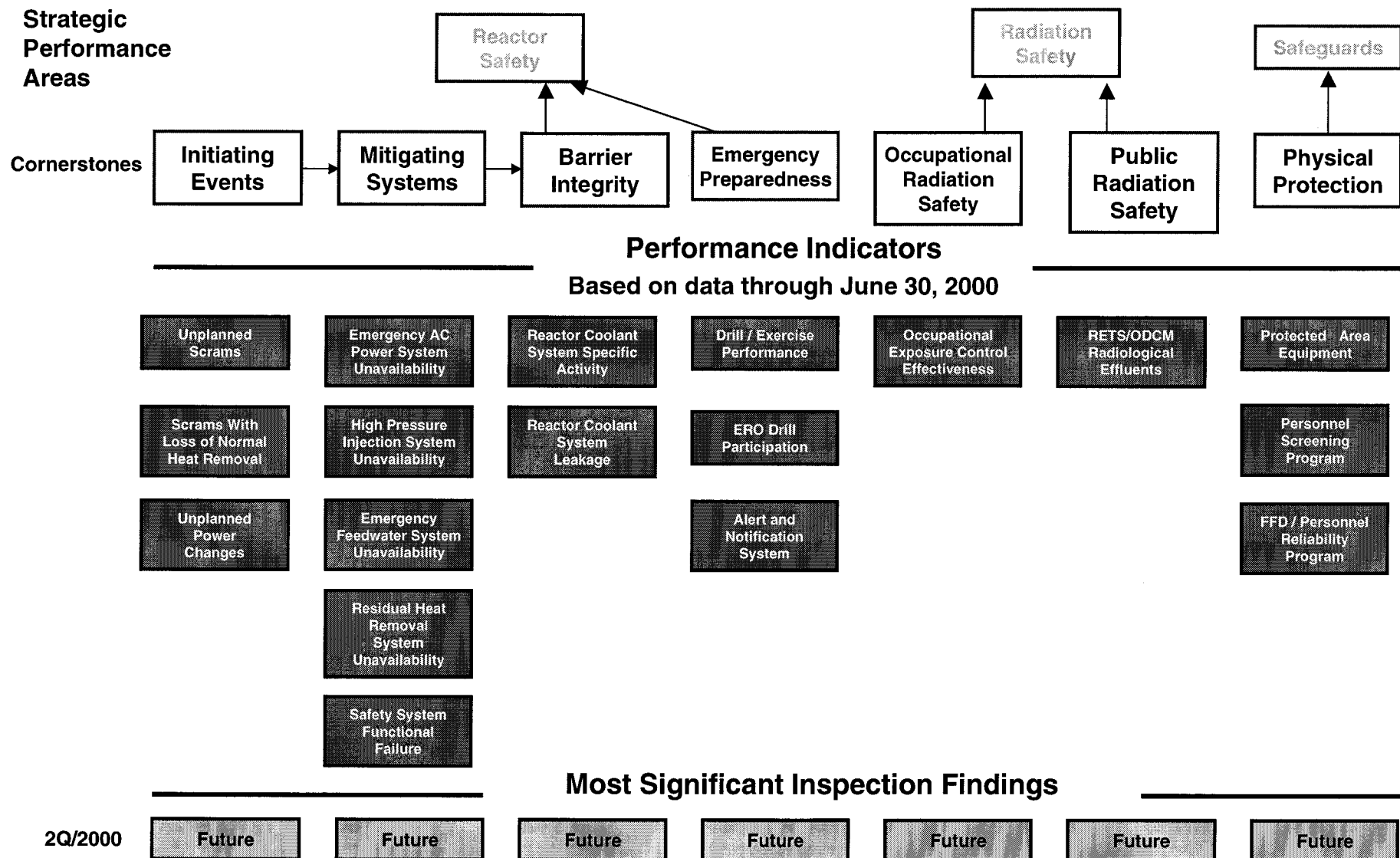
# POWER HISTORY

October 1, 1999 - July 31, 2000



# Crystal River - Unit 3

## 2Q/00 Plant Performance Summary



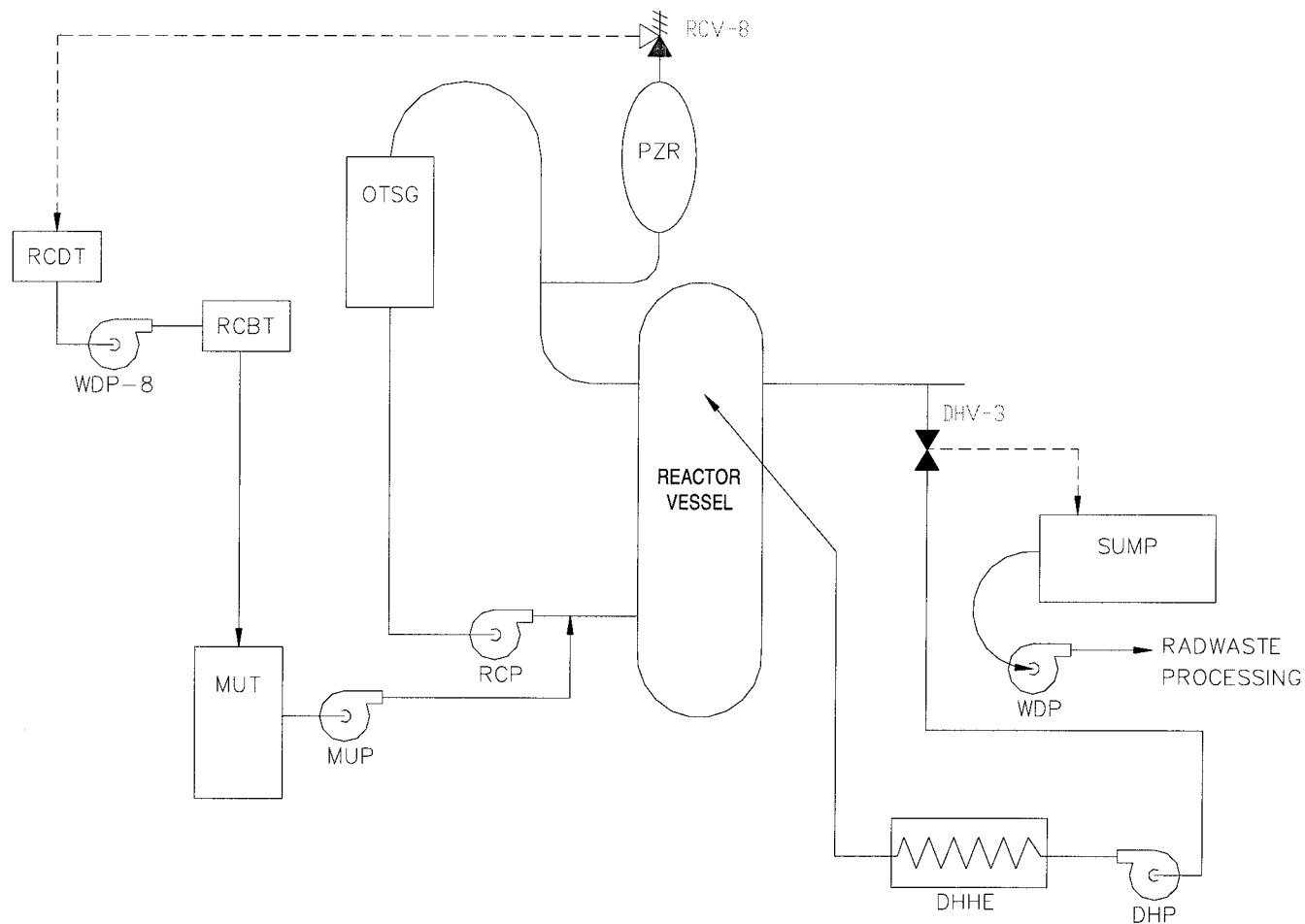
# REACTOR COOLANT SYSTEM LEAKAGE

- Pressurizer Relief Valve RCV-8 is Leaking
- Decay Heat Suction Valve DHV-3 is Leaking
- ITS Identified Leakage Limit is 10 gpm
- Total RCS Leakage is Expected to Reach 5 gpm in Late August (50% of ITS Limit)
- RRROP PI for 3rd Quarter RCS Leakage is Expected to be White

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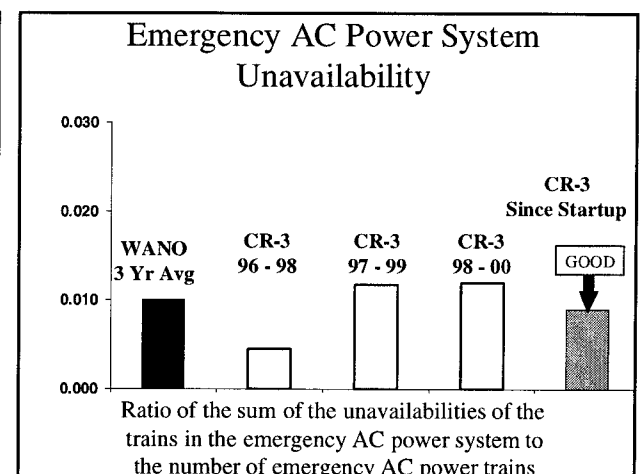
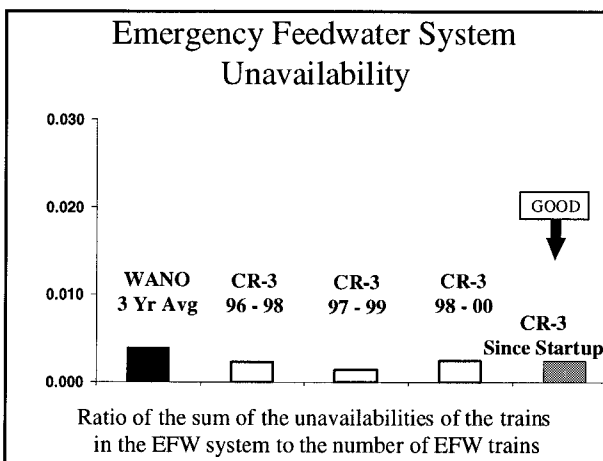
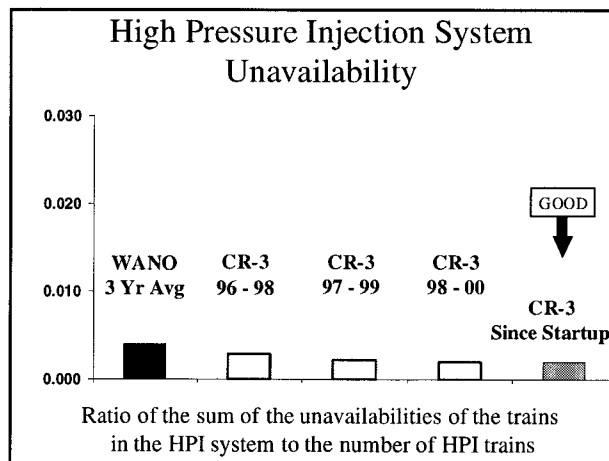
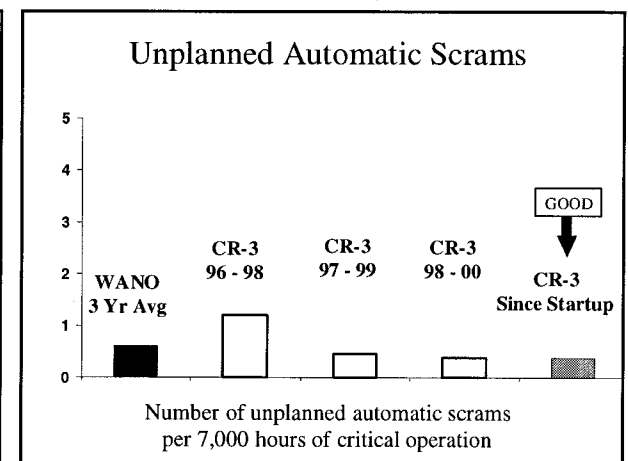
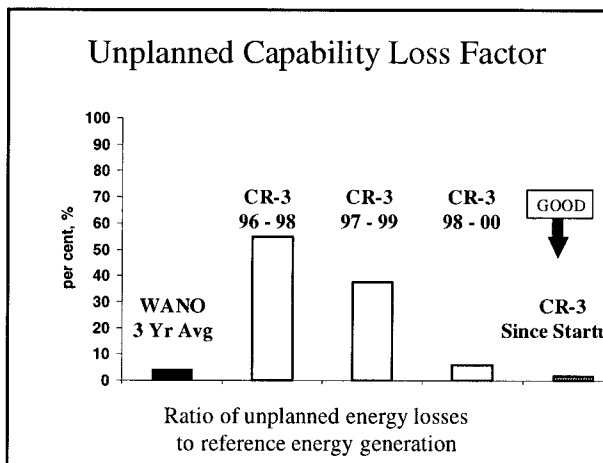
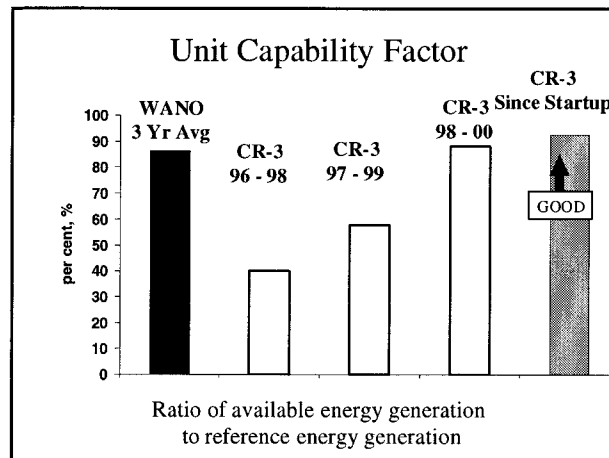
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## REACTOR COOLANT SYSTEM LEAKAGE





## WANO INDICATORS

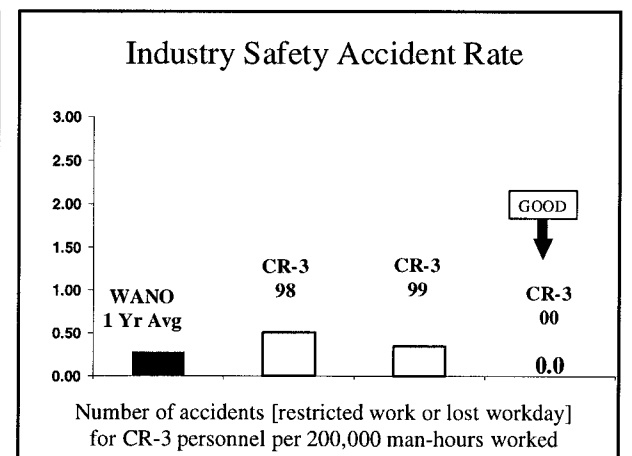
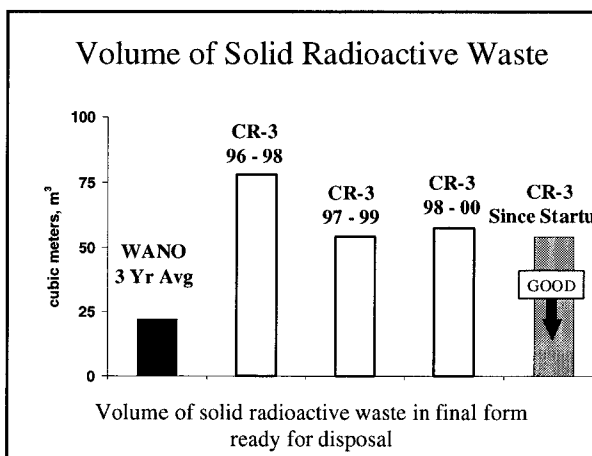
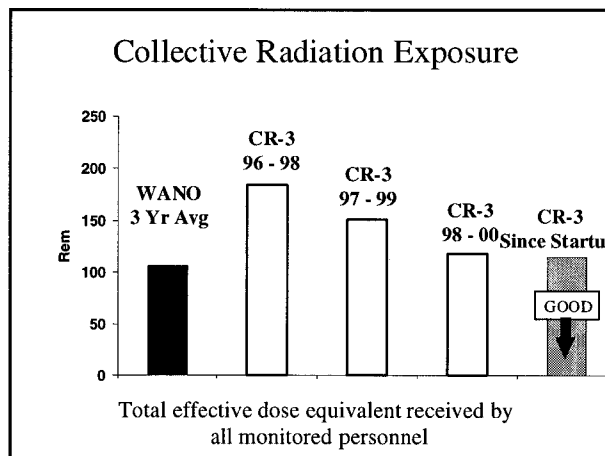
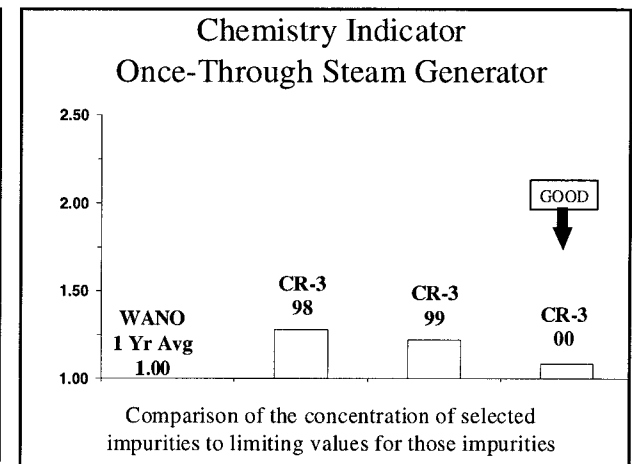
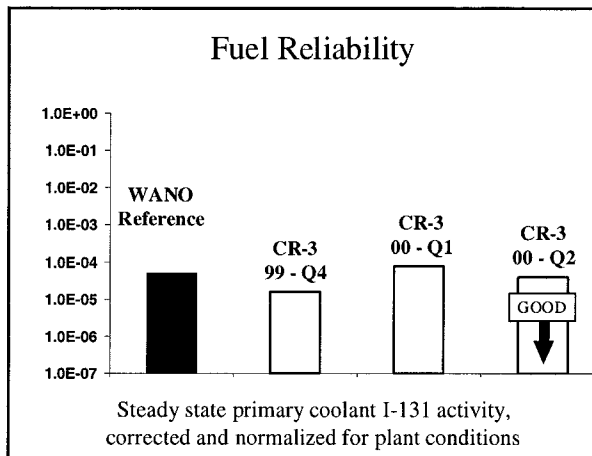
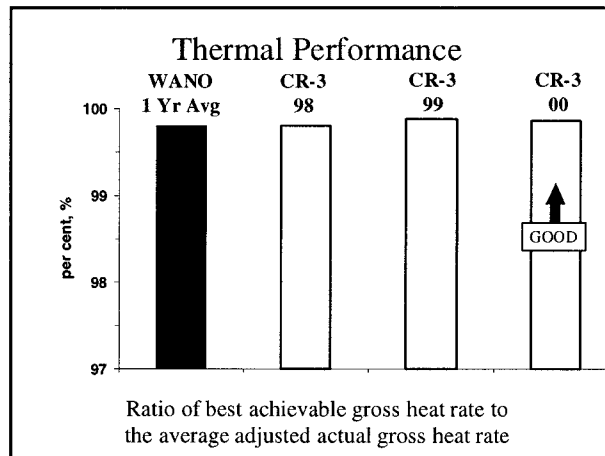


Since Startup is Feb 98

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## WANO INDICATORS



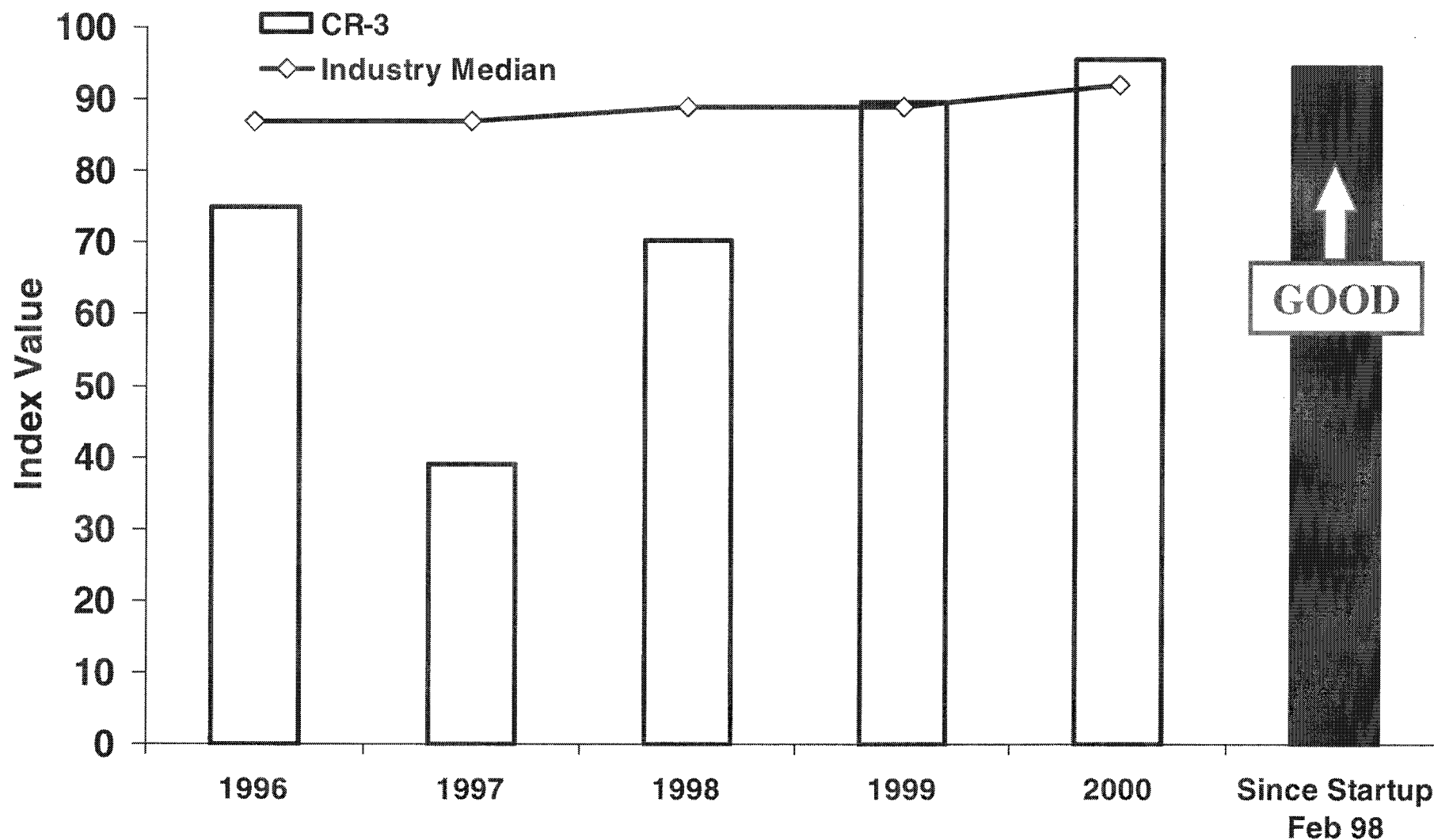
Since Startup is Feb 98



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## INPO PERFORMANCE INDICATOR INDEX



# OPERATIONS STRENGTHS

- Identification and Utilization of Low-level Event Information
- Training Integration
- Staff Development
- Non-licensed Operator Ownership

# OPERATIONS INITIATIVES

- Reduction of Frequency of Low-level Operational Events
- Procedure Use / Pre-job Briefing Consistency
- Dose Reduction Efforts
- Balanced Approach

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# RADIOLOGICAL PROTECTION STRENGTHS

- Experience and Job Knowledge
- Recent Mode 3 Outage Performance
- Recent Dose Reduction Efforts

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# RADIOLOGICAL PROTECTION CHALLENGES

- **Complacency**
- **Implementing Program Changes**
- **Instilling a Questioning Attitude**
- **Program Accountability**
- **Recognizing Our Performance**

# **RADIOLOGICAL PROTECTION INITIATIVES**

- **Benchmarking and Peer Reviews**
- **Self Assessments**
- **Procedure Upgrade**
- **Self Development**
- **Communications Plan**
- **Expanded Use of Corrective Action Program**
- **Root Cause Reviews (Technical, Management, Cultural)**



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# ENGINEERING STRENGTHS

- **Maintenance of Design Bases and Operator Burden Reductions**
- **Development of Engineering Personnel**
- **Reduction of Engineering Backlog**

# ENGINEERING INITIATIVES

- **Improve Long Term Health of Plant Systems**
- **Strengthen Engineering Evaluations of Plant Equipment**
- **Increased Emphasis on Use of PSA for Risk-Informed Decisions**
- **Resolution of Ultimate Heat Sink Temperature**
- **Staffing**

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# CLOSING REMARKS