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# Plant Performance Update Meeting



June 6, 2002

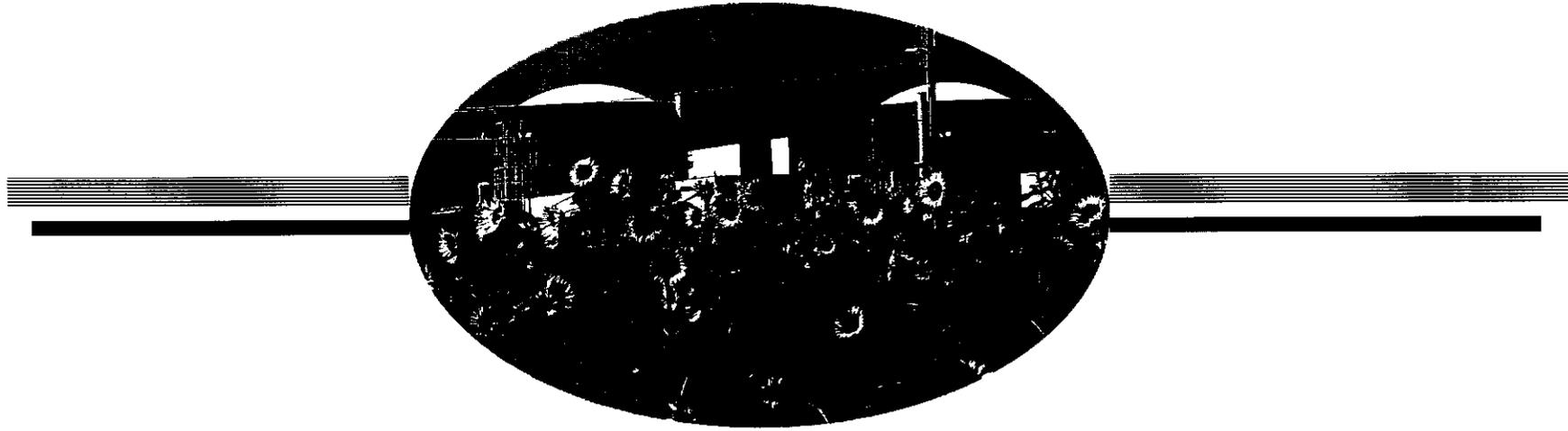
**McGuire Nuclear Station**

# Agenda

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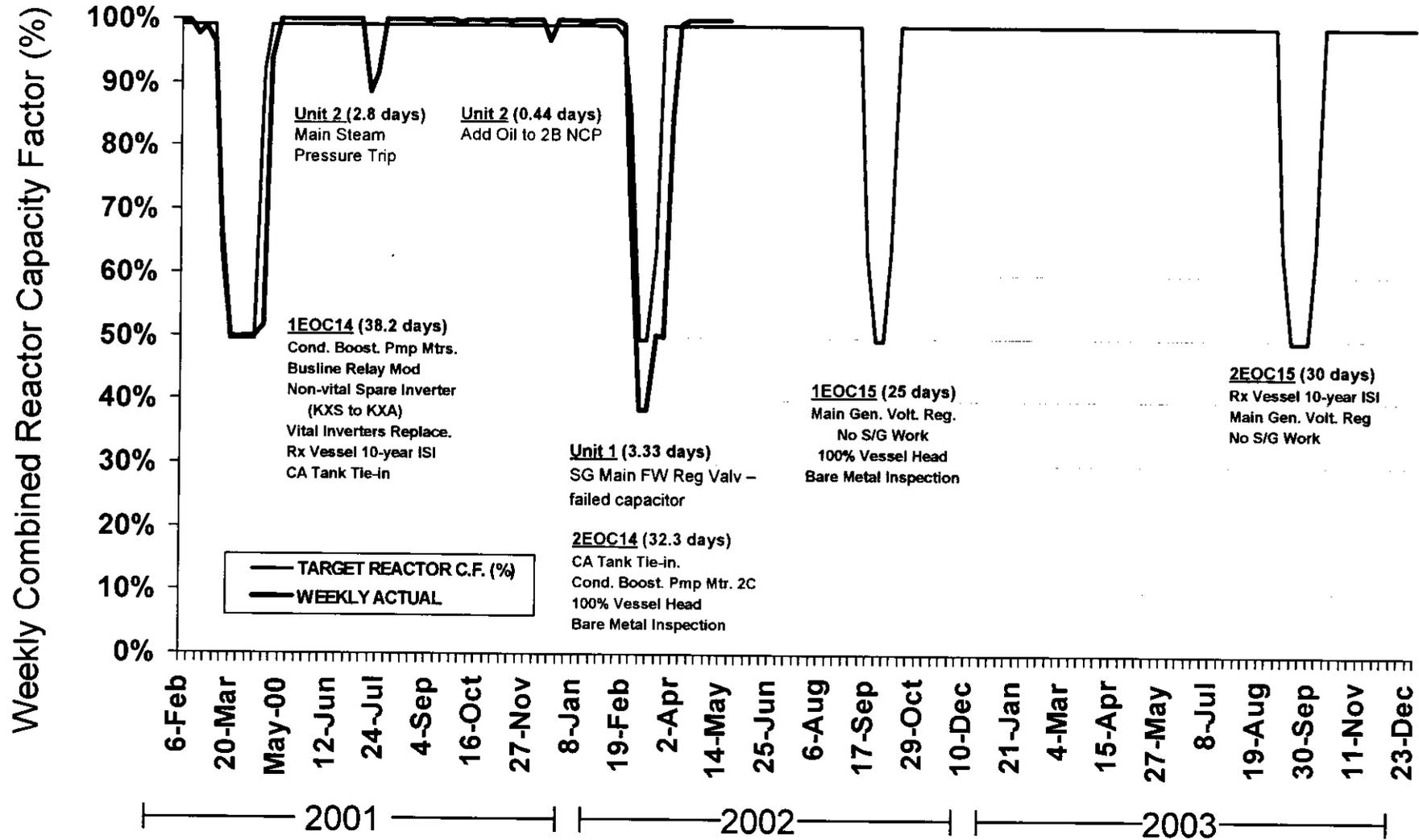
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- **Introduction-** *Brew Barron*
- **Operational Performance-** *Dhiaa Jamil*
  - Generation Status Trending
  - 2EOC14 Refueling Outage
  - ALARA Performance
  - Correct Component Verification
- **Miscellaneous** – *Bryan Dolan*
  - Corrective Action Program
  - Special Nuclear Material
  - Security



# Operational Performance

# McGuire Nuclear Station GENERATION STATUS TRENDING 2001 - 2003 Actual vs. Target



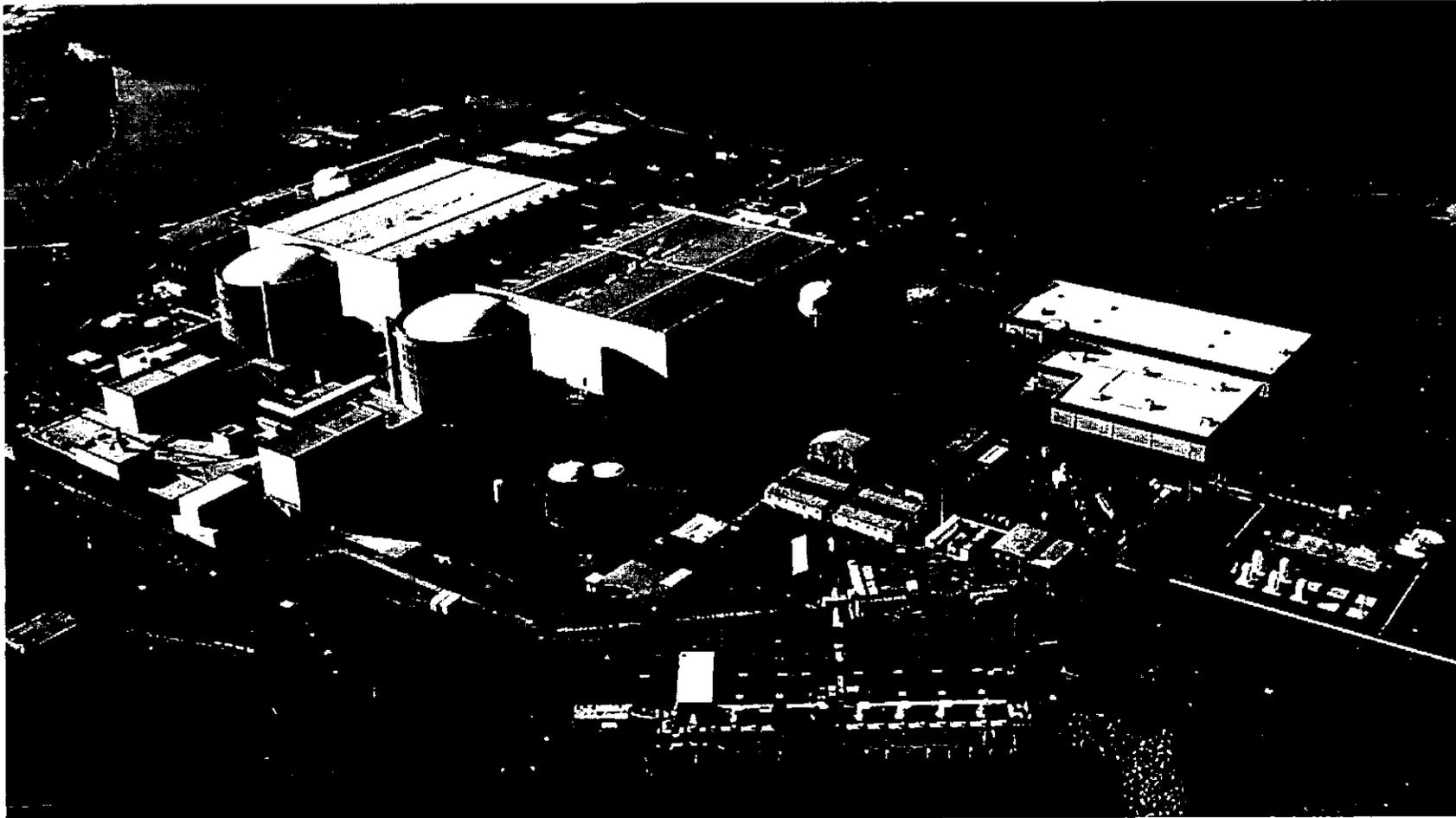


# 2EOC14 Refueling Outage

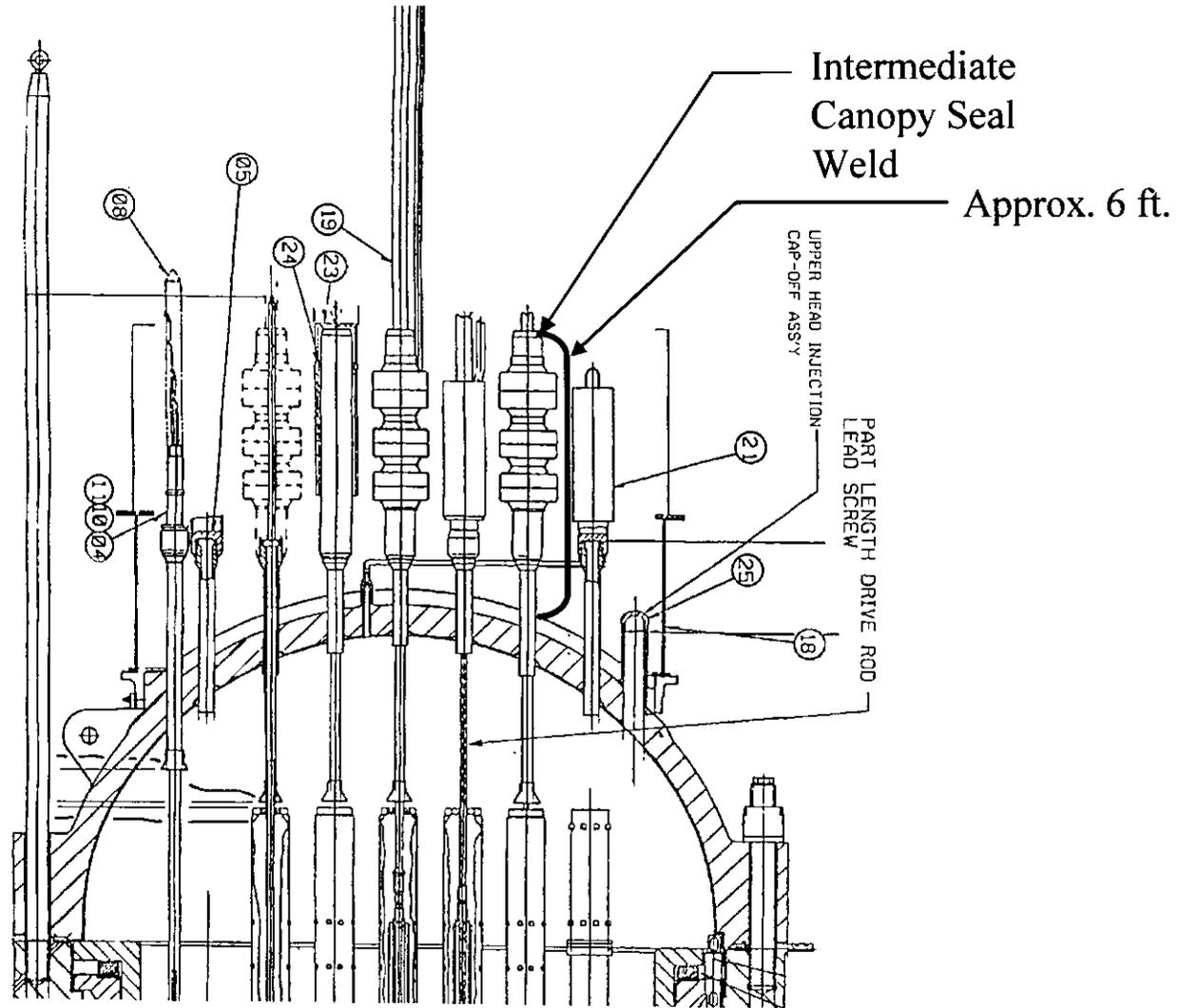
# Completed Auxiliary Feedwater Storage Tank Tie In

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# Repaired CRDM K-8 Intermediate Canopy Seal Weld

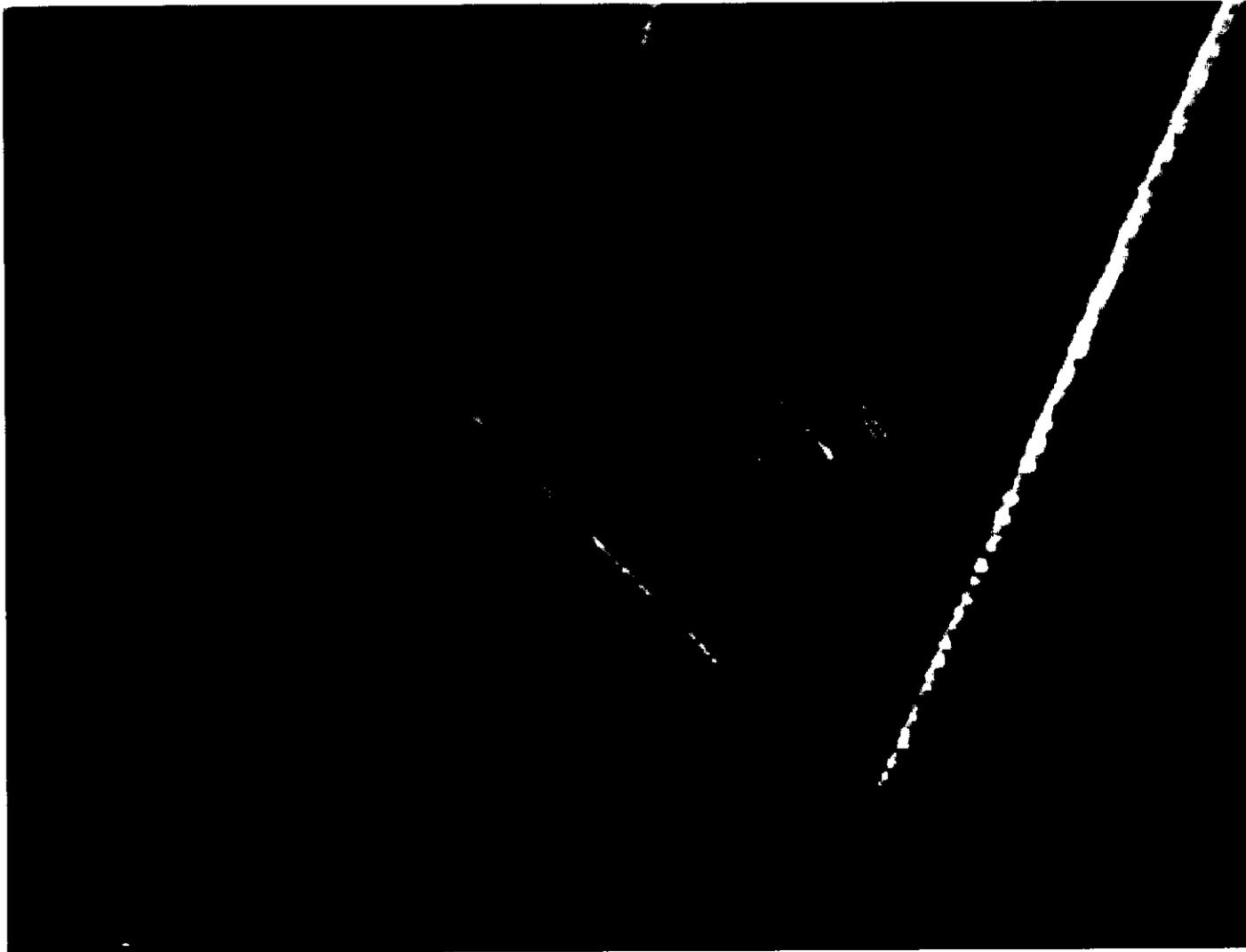


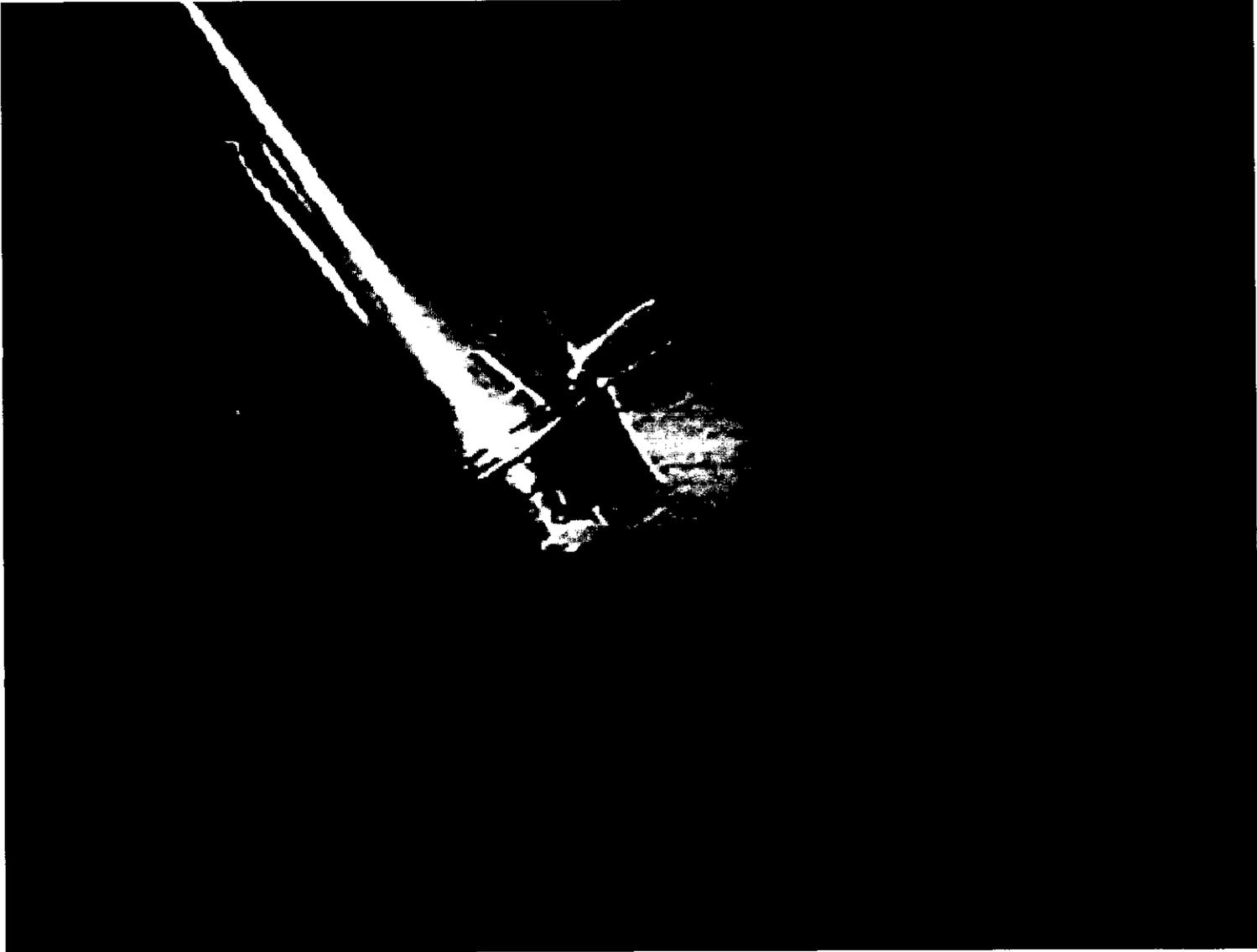
Reactor Head

# Performed 100% Bare Metal Head Inspection – No Corrosion or Boron Found

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# Shutdown/Startup Performance Improvements

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- Tuning of process control system
- Tuning of valve actuators
- Sequencing of steam dump valves
- Procedural improvements
- Simulator and training improvements
- Manual reactor / turbine trip from low power

# ALARA Performance

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- Changes
  - Step change in ALARA planning and scheduling
  - Radiation Work Permit setpoint adjusted down to more effectively use dosimetry as ALARA tool
  - Focused on radiation worker desired behavior prior to and during the outage
  - PIP threshold changes

# ALARA Performance (continued)

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- Results
  - Desired worker behavior demonstrated
  - Desired increase of PIPs at lower threshold was obtained
  - Comprehensive self-assessment of outage radiation practices - complete

# 2EOC14 Refueling Outage

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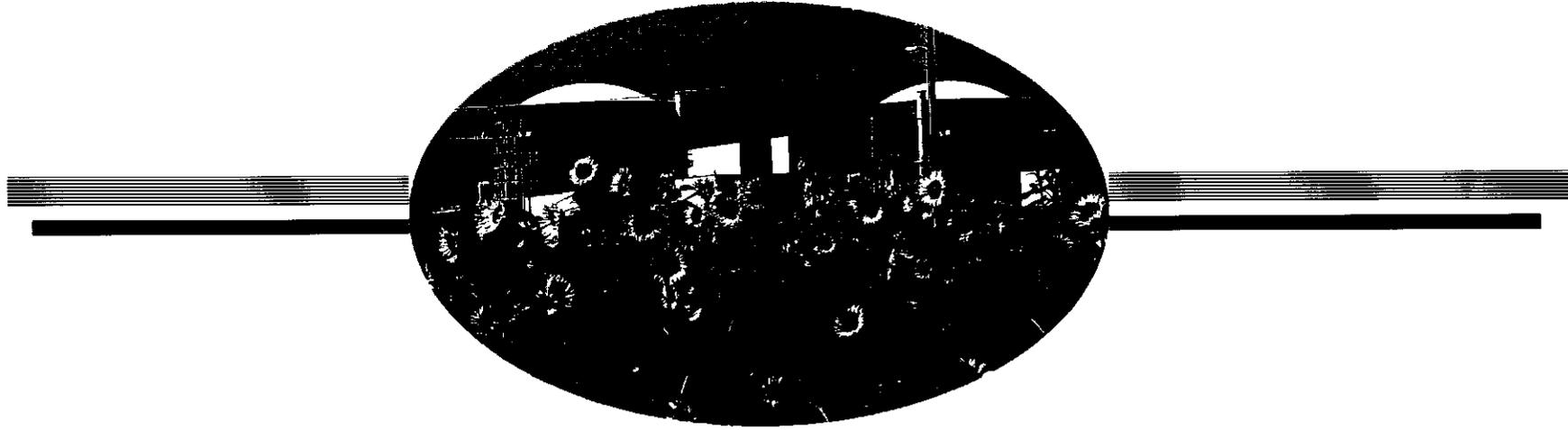
- Zero LERs
- Zero events
- Zero injuries
- 32 days

# Correct Component Verification (CCV)

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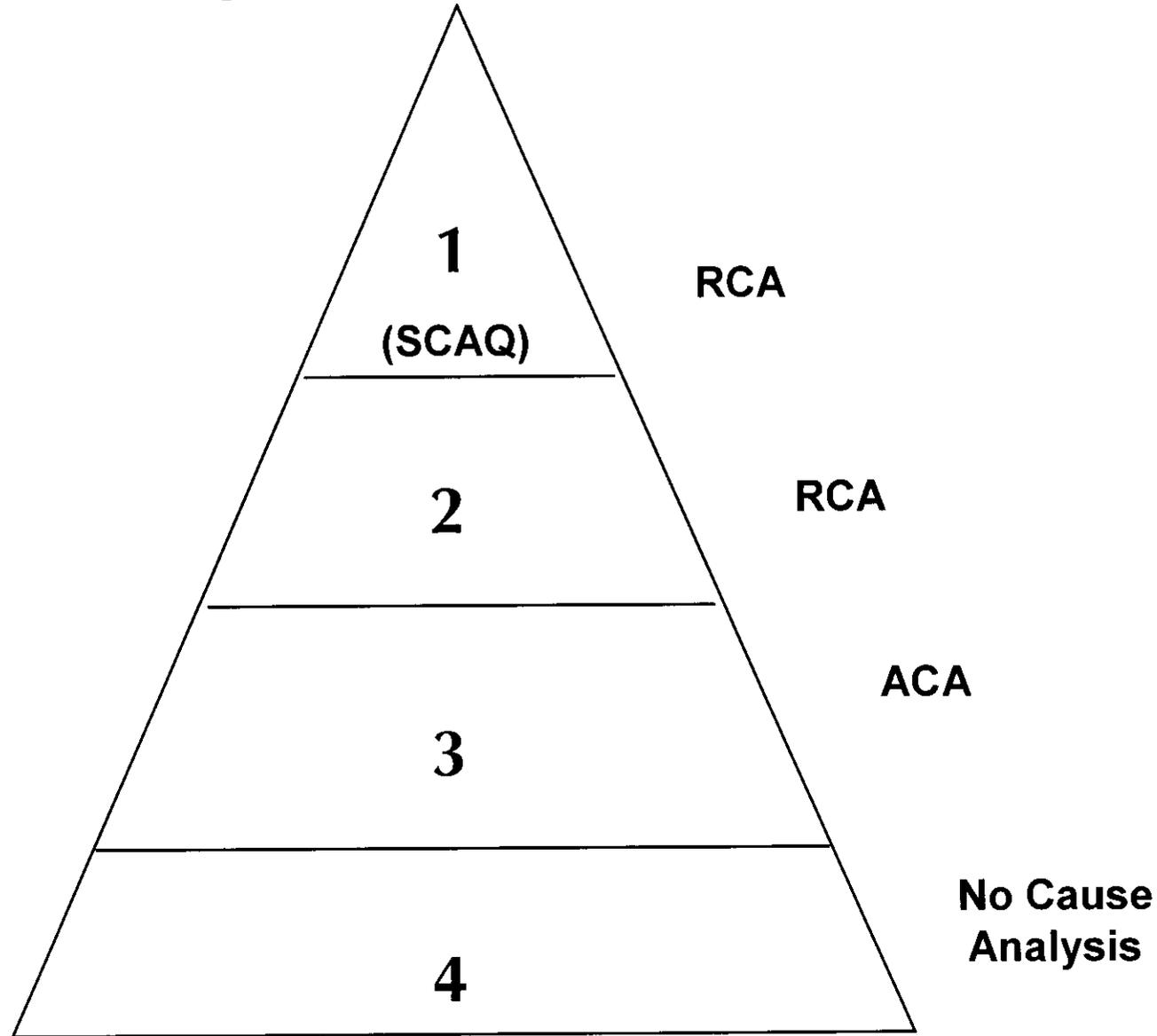
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- Defined specific behaviors associated with CCV
- Created a CCV flag
- Conducted classroom and flow loop scenario training
- Targeted observations with CCV focus
- 2EOC14 was completed without a CCV event
- Similar focus on CCV is now underway in operations and chemistry



# Miscellaneous

# Corrective Action Program PIP Significance Categories



# Corrective Action Program

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- PIP Action Codes
  - Corrective Actions to Prevent Recurrence (CAPR)
    - Directed at the Root Cause of Category 1 and 2 PIPS
  - Corrective Actions (CA)
    - Directed at CAQ
  - Elective / Enhancement Actions (ELEC)
  - Structure helps focus corrective action effectiveness reviews on highest priority actions (CAPRs)

# Special Nuclear Materials

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- Completed comprehensive inventory
- No discrepancies

# Security

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- No concerns about schedule for compliance with NRC order.



# Questions