



**Dominion™**

*Management Meeting  
& Plant Update*

*May 19, 2000*



## *Agenda*

- *Organizational Changes*
- *Management Perspectives*
- *Recent Events*
- *NRC Oversight Process*
- *Overall Performance*
- *Conclusions*



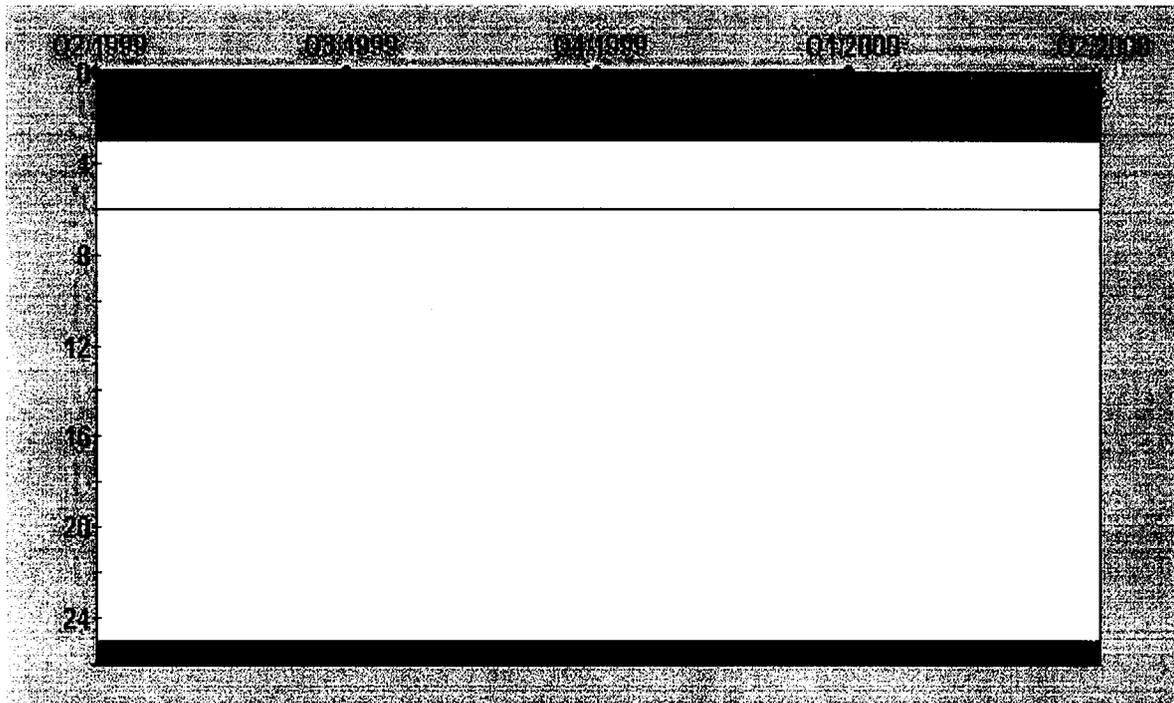
*Preliminary Q2/2000 Reactor Trip Data Chart*

*Plant - North Anna 1*

*Cornerstone - Initiating Events*

*PI - Unplanned Scrams per 7,000 Critical Hours*

*Thresholds: White > 3.0 | Yellow > 6.0 | Red > 25.0*





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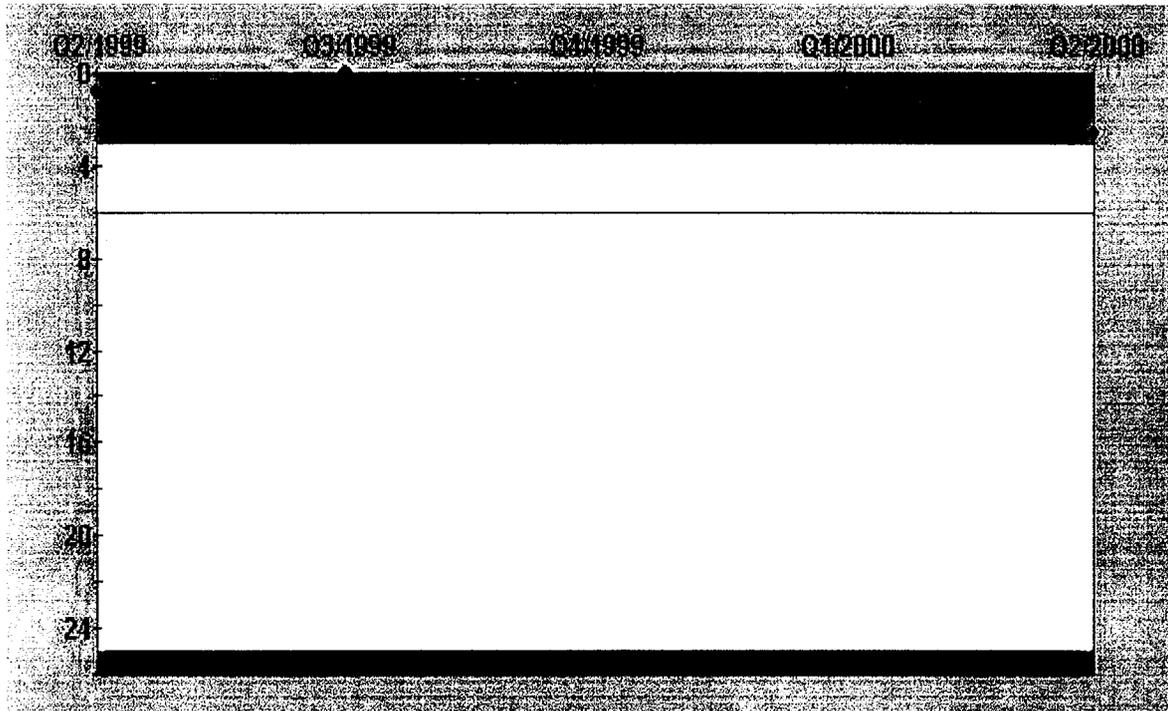
**Preliminary Q2/2000 Reactor Trip Data Chart**

*Plant - North Anna 2*

*Cornerstone - Initiating Events*

*PI - Unplanned Scrams per 7,000 Critical Hours*

*Thresholds: White > 3.0 | Yellow > 6.0 | Red > 25.0*





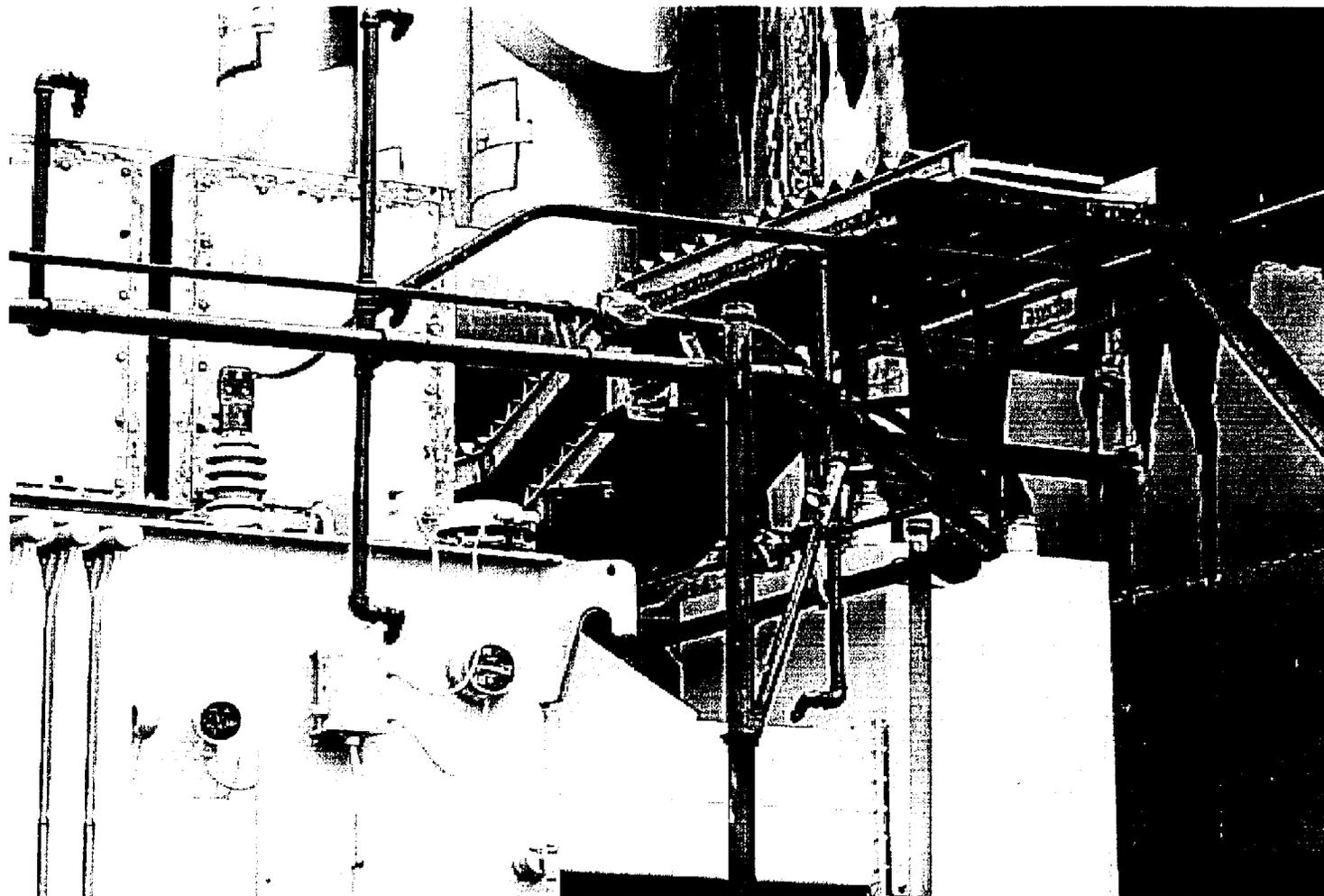
## *Recent Events*

- *Unit 2 Automatic Reactor Trip / Corrective Actions*
- *Unit 2 Manual Reactor Trip / Corrective Actions*
- *Unit 1 EDG Auto Start Failure / Corrective Actions*
- *Unit 1 Automatic Reactor Trip / Corrective Actions*
- *Risk Significance*



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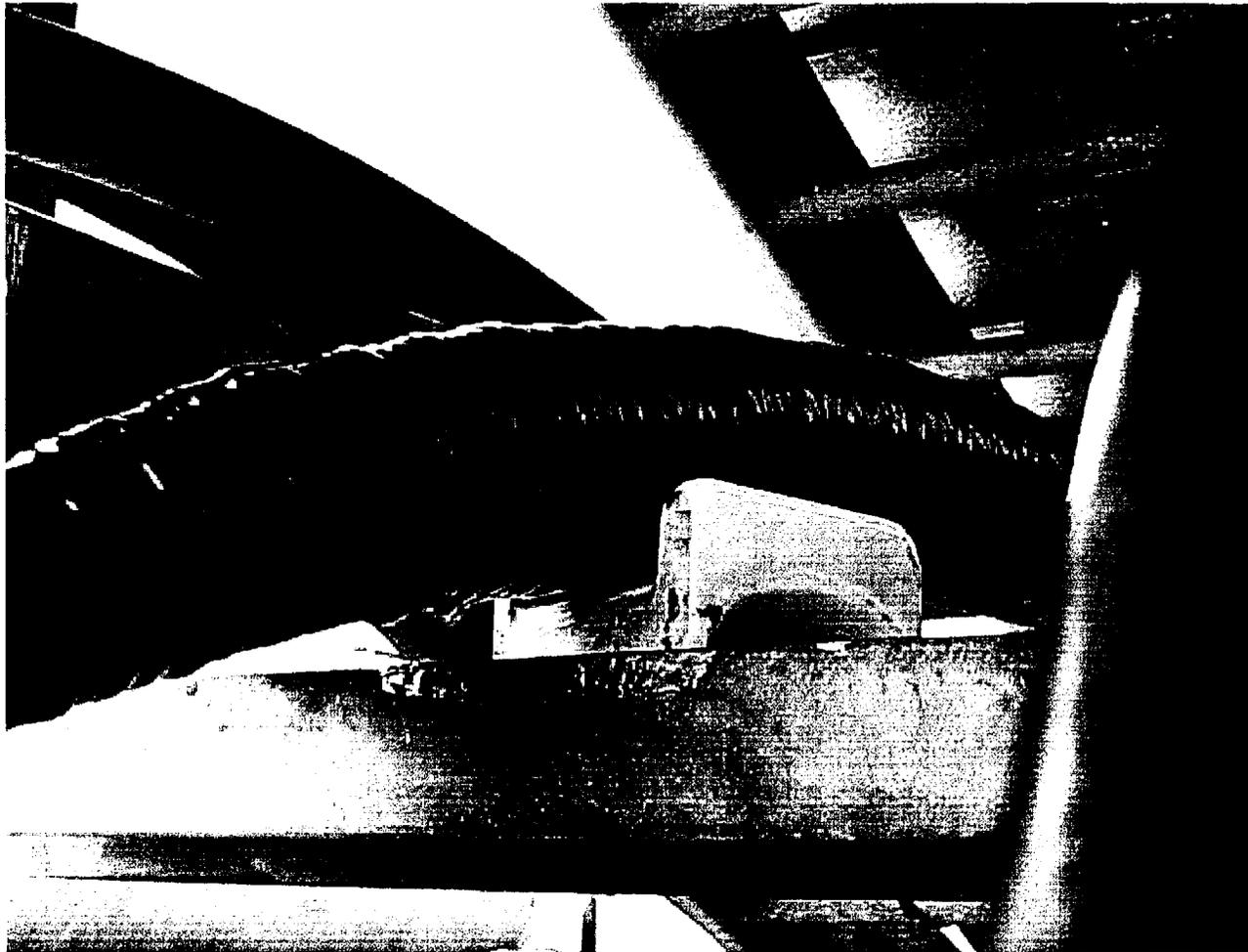
*Unit 2 C Station Service Transformer (SST)*





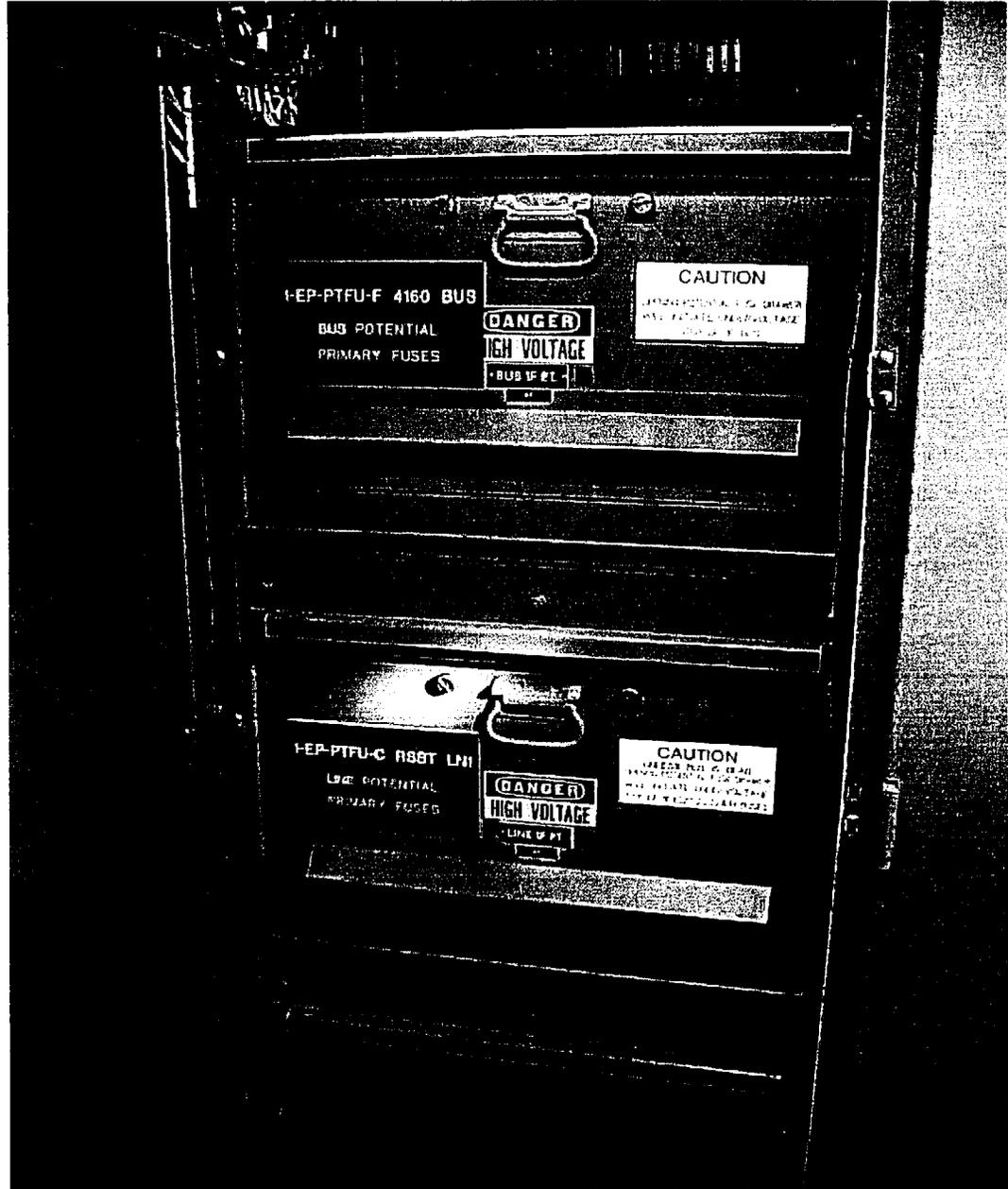
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*4160 Volt Cable Repair*





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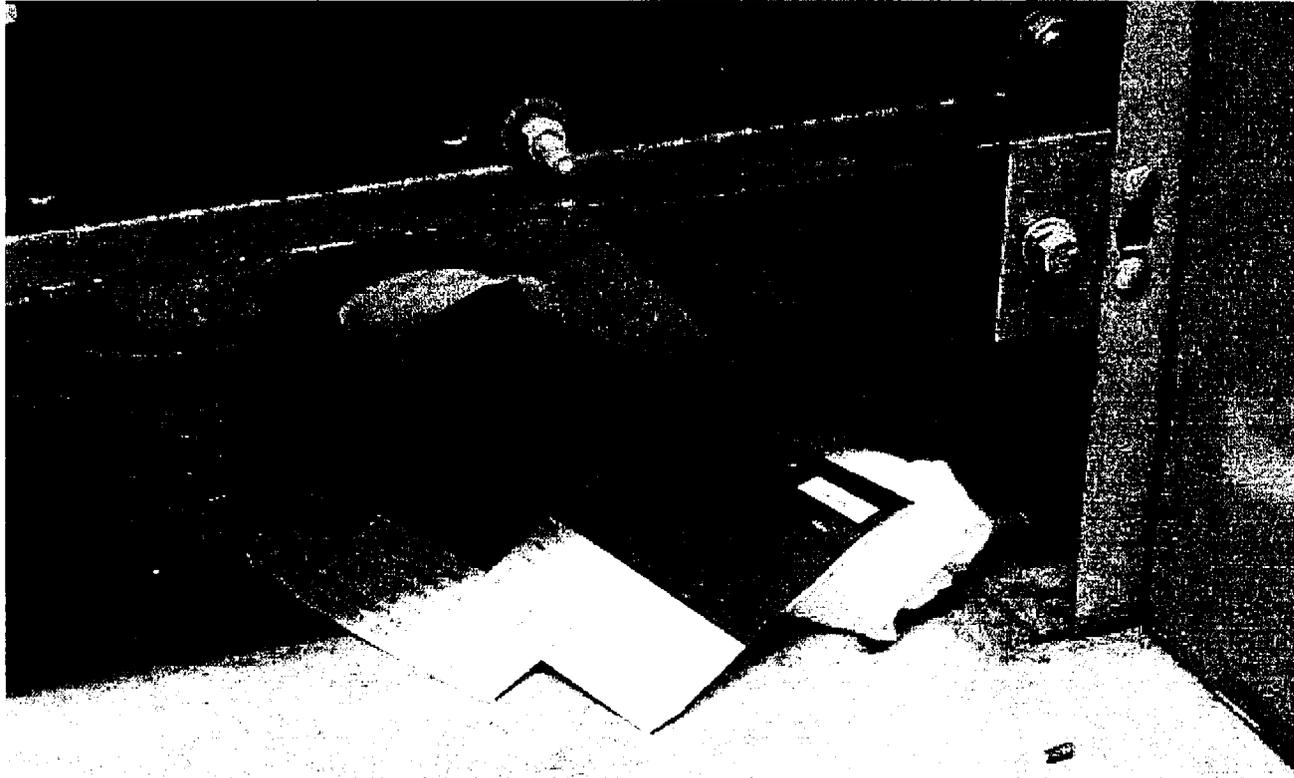
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*'A' Phase SST Potential Transformer Fuse Drawer*





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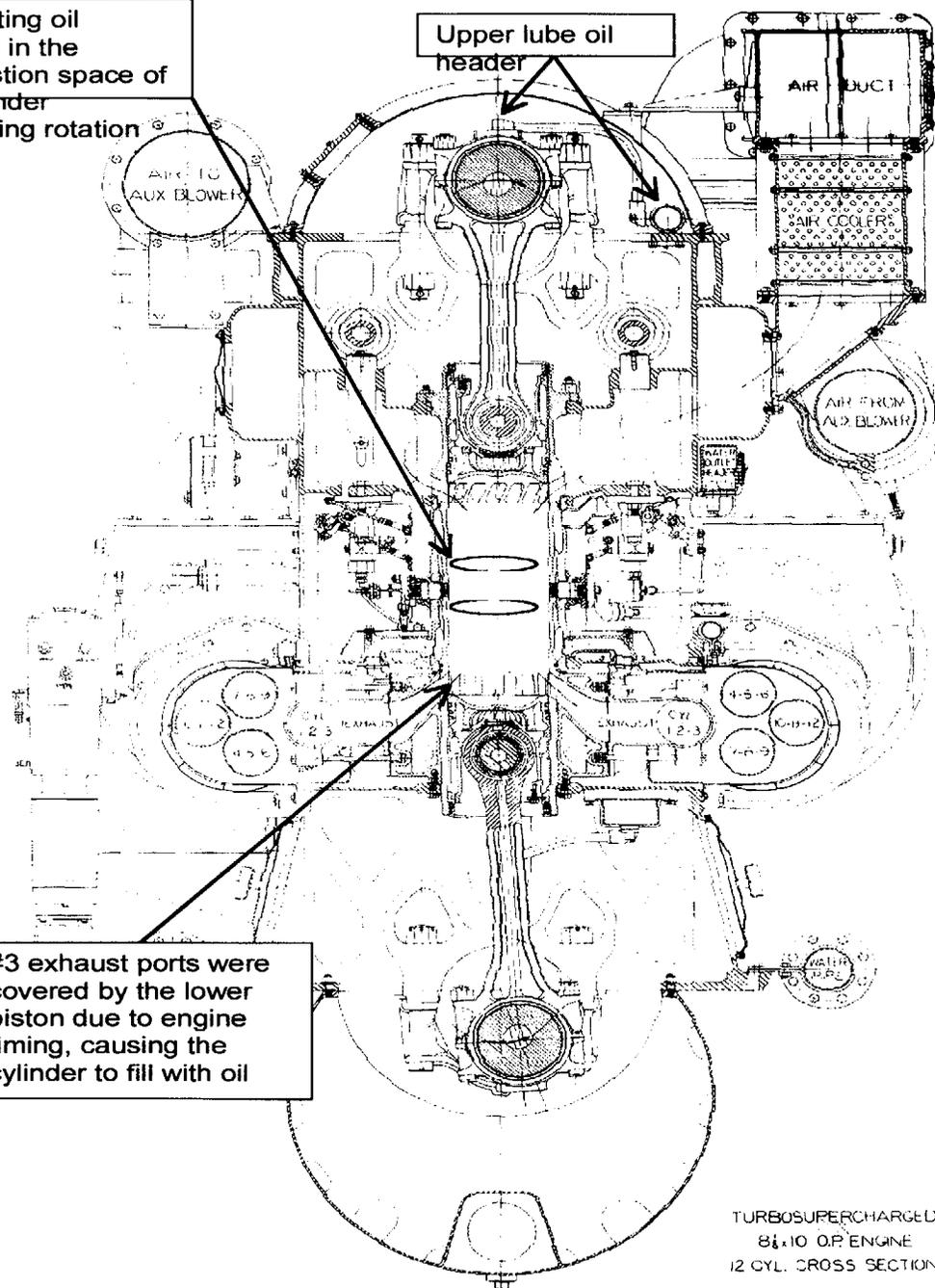


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**EDG**  
**Cross-Section**

Lubricating oil  
trapped in the  
combustion space of  
the cylinder  
preventing rotation

Upper lube oil  
header



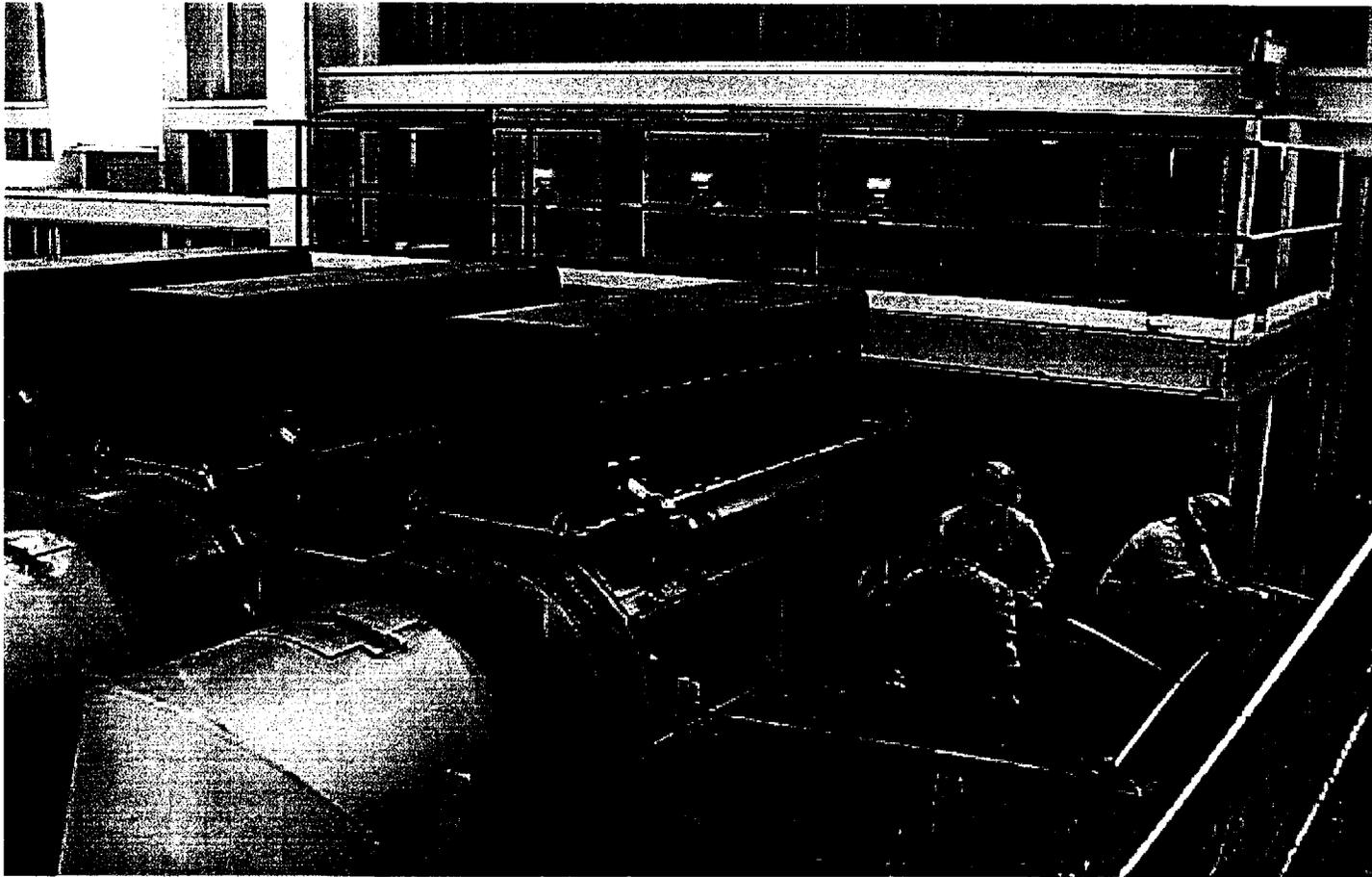
#3 exhaust ports were  
covered by the lower  
piston due to engine  
timing, causing the  
cylinder to fill with oil

TURBOSUPERCHARGED  
8 1/2 x 10 O.P. ENGINE  
12 CYL. CROSS SECTION



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## *G-12 Output Breaker*

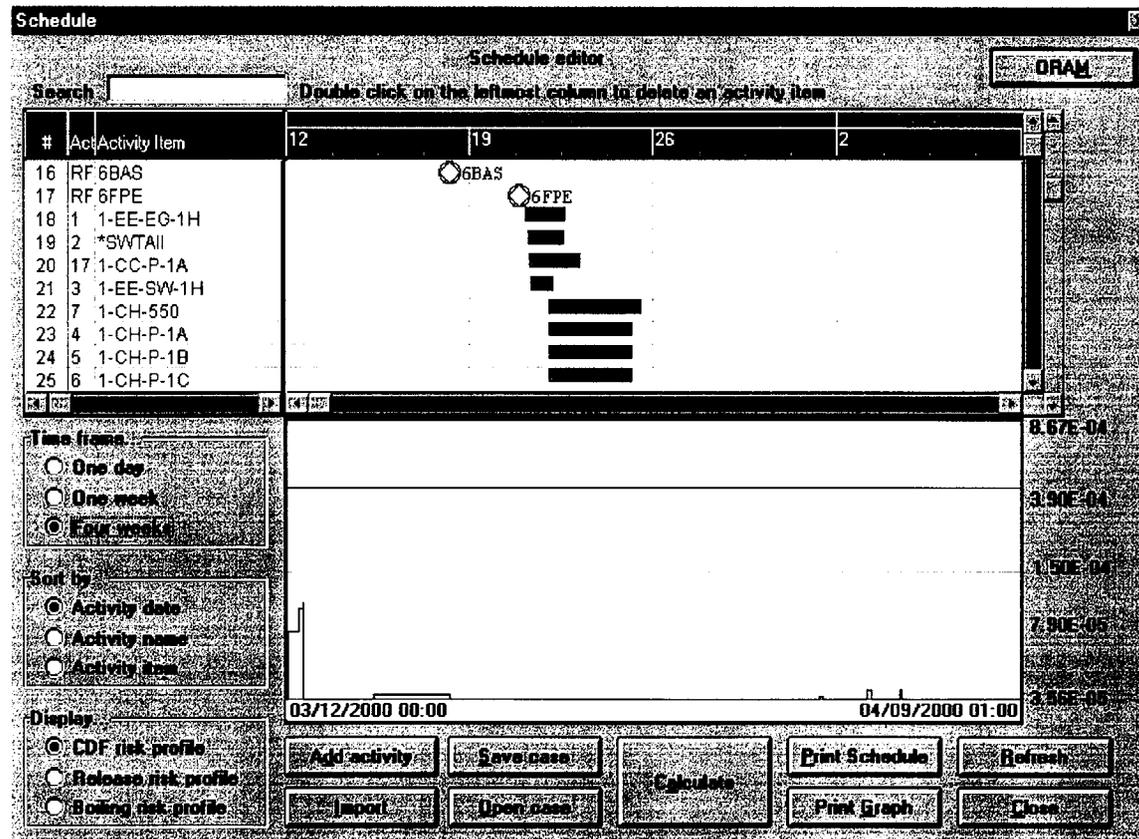




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# *Risk Perspective*

- **Planned baseline Unit 1 CDF with 1H EDG assumed to be available after maintenance on 3/21/00 and no C RSST failure on 4/4/00.**

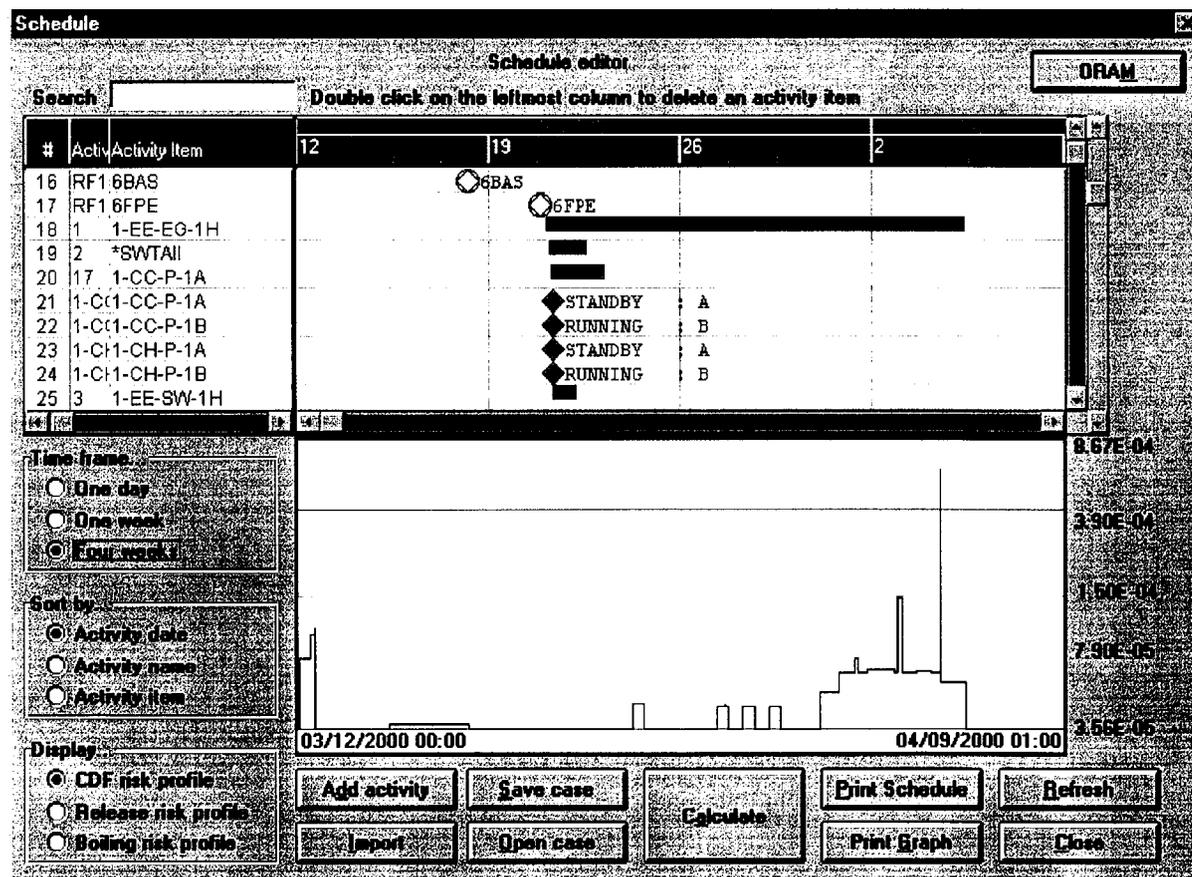




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# Risk Perspective

- Unit 1 CDF with 1H EDG unavailable from 3/21/00 to 4/5/00 with cutsets recovered.





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## *North Anna Performance*

- *1999 combined capacity factor was 97.60% up from 91.25%*
- *Dual unit operation for 340 days until Unit 2 RFO*
- *Unit 1 “breaker to breaker” run of 522 days*
- *Entered top quartile for low personnel exposure based on WANO Performance Indicators*
- *Recorded lowest station exposure for an outage, a quarter and 7 out of 12 months during 1999*
- *Unit 1 Refueling Outage 28 days with station exposure of 51.5 Man-Rem*



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## *Surry Performance*

- *1999 combined capacity factor was 92.55% up from 92.15%*
- *Dual unit operation for 277 days until Unit 1 RFO*
- *Unit 1 continuous run of 507 days*
- *Recorded the lowest station exposure for an outage during Unit 1 2000 RFO with exposure of 70.15 Man-Rem*
- *Unit 1 Refueling Outage - Westinghouse three loop PWR World Record of 23 days 15 hours 45 minutes.*



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