



Commonwealth Edison
LaSalle County Nuclear Station
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Telephone 815/357-6761

May 3, 1994

Mr. William T. Russell, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington., D.C. 20555

Attn: Document Control Clerk

Subject: **Dresden Station Units 2 and 3**
Quad Cities Station Units 1 and 2
LaSalle Station Units 1 and 2
Transmittal of BWR Immediate Improvement Strategy Status Report
NRC Docket Nos. 50-273/249, 50-524, and 50-373/374

Dear Mr. Russell:

Attached is the third bi-weekly BWR Immediate Improvement Status Report. The next report will be issued in mid May 1994. The report focuses on significant exceptions, both positive and negative, involving the four critical focus areas of the BWR Immediate Improvement Initiatives. The report collates separate station reports provided by Dresden, Quad Cities, and LaSalle Stations.

The significant exceptions for the four metric areas will be reported for each period. The discussion will be on trends, analysis, actions, challenges and anecdotal success stories when available.

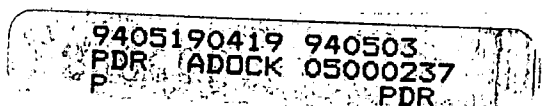
The complete metrics are attached for Dresden, Quad Cities, and LaSalle. Unless noted otherwise, the only data changed will be the updated status column.

Please direct any questions you may have with regards to this transmittal to this office.

Very truly yours,

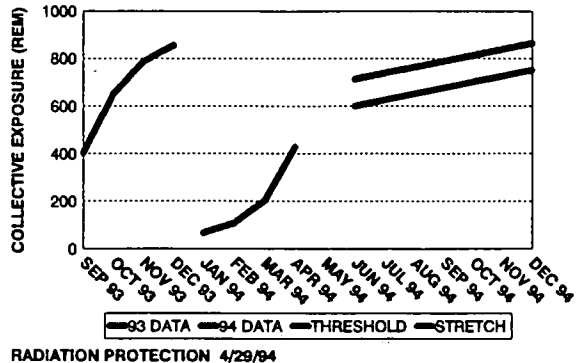
I. M. Johnson
Licensing Operations Director

cc: J. Martin, Regional Administrator - Region III
J. Dyer, Project Director - NRR
B. Clayton, NRC Region III
Office of Nuclear Safety - IDNS



ADD

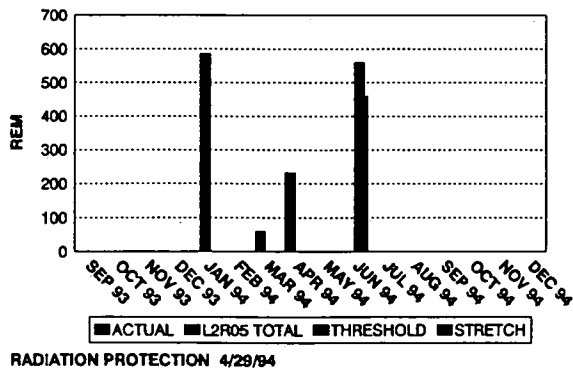
LASALLE COUNTY NUCLEAR STATION YEAR END EXPOSURE



Analysis

Accumulated person-rem exposure is 73 rem over the stretch goal of 356 rem. Much of this exposure can be attributed to additional exposure from forced and maintenance outages earlier in the year and lowering the stretch goal for yearly exposure. This months contributor was the outage currently in progress. Although the outage is under goal at the present time, the significant strides in exposure reduction during the outage have not yet been realized.

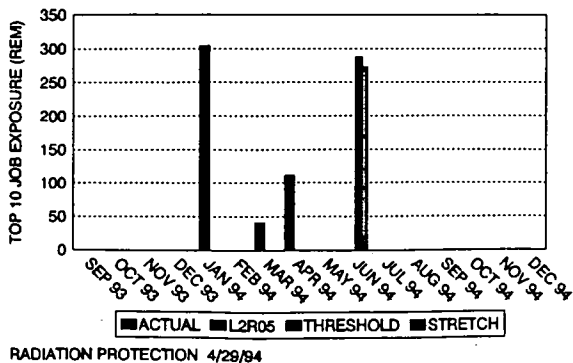
LASALLE COUNTY NUCLEAR STATION L1R06 EXPOSURE



Analysis

Outage exposure for L1R06 is 3 Rem under goal to date. As mentioned above, significant dose savings have not yet been realized. This is unfortunate in that the outage activities represents the most opportunity for dose savings. Two significant contributors were expanded scope repairs to the feedwater check valves and the 1B Inboard MSIV.

LASALLE COUNTY NUCLEAR STATION L1R06 TOP 10 JOBS RADIATION EXPOSURE



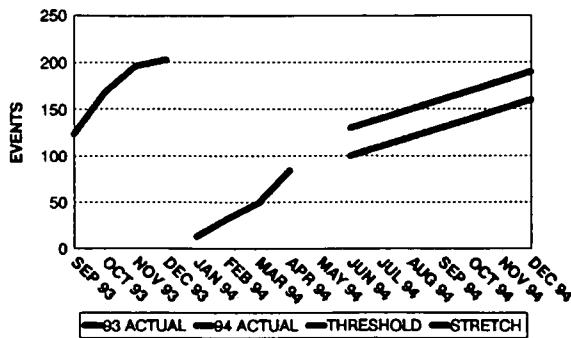
Analysis

The Top 10 Repetitive Jobs identified for the current outage have used 47% of the dose allotted for the stretch goal with 68% of the work accomplished. There is a good opportunity to achieve our stretch goal which would represent a dose savings of an additional 24 Rem under our previous goal.

LASALLE COUNTY NUCLEAR STATION

Analysis

PERSONNEL CONTAMINATION EVENTS (PCE)



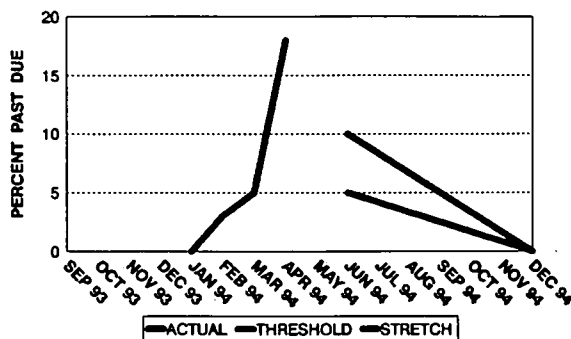
RADIATION PROTECTION 4/29/94

The trend for personnel contamination events is on an unacceptable trend. At present there have been 88 Personnel contamination events. At the current rate, and with 5 weeks of outage remaining, the threshold goal of 130 for June is in jeopardy. Additional management attention will be applied in this area.

LASALLE COUNTY NUCLEAR STATION

Analysis

LBDT ACTION PLAN IMPLEMENTATION



STATION SPECIFIC 4/29/94

The number of overdue BUP action items is unacceptable. 18% of those items currently due have not been completed. The recent formation of the BUP Group on April 22nd was designed to facilitate the implementation of the BUP not only to ensure actions are completed on time, but also to ensure the actions were adequate in solving the issue.

General Comments - The current outage, L1RO6 is on schedule. Fuel Load is scheduled for May 6th. In addition, LaSalle Unit 2 has achieved in excess of 100 days continuous operation. However, the station realizes that it is important to properly implement the action plan contained in the Business Unit Plan. The recent formation of the BUP Group is expected to ensure timely, complete, and effective implementation of the BUP.

LASALLE STATION
Rev 1, 03-25-94

| Program Element | Baseline Historical Data or 1993 Actual | Actual Year to date 04-29-94 | Benchmark | Threshold 6/94 | Stretch 6/94 | Threshold 12/94 | Stretch 12/94 |
|--|--|------------------------------------|--|-------------------------|-----------------------------|--------------------|------------------|
| RADIATION PROTECTION | | | | | | | |
| 1. Collective Exposure | | | | | | | |
| a. >Top 10 Repetitive Jobs (NOTE A) | 304 Rem | 112 Rem | N/A | 5% Reduction 289 | 10% Reduction 274 | N/A | N/A |
| b. > Outage Exposure (NOTE A) | 587 Rem | 233 Rem | N/A | <561 Rem | ≤463 Rem | N/A | N/A |
| c. >Non- outage Rem/Work Day | 1.29 Rem/Day | N/A | 80 mrem | N/A (NOTE B) | N/A (NOTE B) | <1.22 Rem/Day | ≤1.17 Rem/Day |
| d. >Year End Exposure | 855 Rem/Total | 429 Rem | 462 Rem/Total (3 Yr. rolling average) | 712 Rem/Total | 600 Rem/Total | 865 Rem/Total | 750Rem/Total |
| e. >Hot Spot Elimination | 225 | 212 | N/A | 214 | 202 | N/A | N/A |

| Program Element | Baseline Historical Data or 1993 Actual | Actual Year to date 04-29-94 | Benchmark | Threshold 6/94 | Stretch 6/94 | Threshold 12/94 | Stretch 12/94 |
|--|--|---|--|---------------------------|-------------------------|----------------------------|--------------------------|
| RADIATION PROTECTION | | | | | | | |
| 2. R/W PRACTICES | 15 | 6 | 4 | 9 | 7 | 12 | 10 |
| a. Adherence Events | (NOTE G) | | | | | | |
| b. >High Rad Area Violations | 6 | 2 | 0 | 3 | 2 | 5 | 3 |
| c. >PCEs | 203 | 84 | 100 | 130 | 100 | 190 | 160 |
| 3. Rad Matl Violations | 35 | 4 | 0 | 6 | 4 | 8 | 5 |
| 4. Contaminated Area | 6.1% was best in 1993 | 20.2% | 5.0% | 20.9% | 20.4% | 5.0% | 4.0% |
| 5. Shoe Contaminations All events (</>1K) | 234 | 88 | 10(non- outage per month) 25(outage per month) | 130 | 115 | 200 | 180 |

| MATERIAL CONDITION | 1993 ACTUAL | ACTUAL YEAR TO DATE 04-29-94 | BENCHMARK | THRESHOLD 6/94 | STRETCH 6/94 | THRESHOLD 12/94 | STRETCH 12/94 |
|---|--|--|--|--|---------------------------------|--|--|
| 1. Temporary alterations >30 Days (NOTE H) | 100 | 85 | <30 | <55 | <30 | <33 | <25 |
| 2. Backlog of NWR | 643 | 680 | 325 | 750 | 700 | 450 | 425 |
| 3. Backlog of control room NWR | 22 | 18 | 6 | 14 | 12 | 10 | 8 |
| 4. MOV commitment completion | U-1 114 Static 12 dp U-2 115 Static 23 dp | U-1 129 Static 15 dp U-2 115 Static 23 dp | Per site commitment 262 Static 102 dp (NOTE C) | U-1 134 Static 34 dp U-2 N/A (NOTE D) | U-1 N/A 37 dp U-2 N/A | U-1 N/A U-2 N/A (NOTE E) | U-1 N/A U-2 N/A (NOTE E) |
| 5. Refuel outage performance | 90%-End of L2RO5 | 67% | 90% | 90% End of L1RO6 | 95% End of L1RO6 | N/A | N/A |
| 6. Safety system a. Industry b. NRC | .017 (12 - 3rd Qtr. 1993) | .0457 (Under Development) | .025 1/Qrt./Unit | .0175 (Under Development) | .0175 (Under Development) | .0175 (Under Development) | .0175 (Under Development) |
| 7. Operator work arounds | 63 | 63 (NOTE F) | 0 | 5% Reduction | 10% Reduction | 20% Reduction | 30% Reduction |
| STATION SPECIFIC: | | | | | | | |
| 1. Resolution of key site specific issues (Implementation of LBDT Action Plan. | See LBDT Report | 18% overdue | N/A | <10% Overdue actions | <5% overdue actions | 0 overdue actions | 0 overdue actions |

| PROBLEM IDENTIFICATION & RESOLUTION | 1993 ACTUALS | ACTUAL YEAR TO DATE 04-29-94 | BENCHMARK | THRESHOLD 6/94 | STRETCH 6/94 | THRESHOLD 12/94 | STRETCH 12/94 |
|-------------------------------------|----------------------------|---------------------------------|--|-----------------------------------|-----------------------------------|-----------------------------------|----------------------------|
| 1. Average age of PIF backlog | 50 days | 68 days | Level 4 < 45 days, Level 3,2,1 < 30 days | <60 days | <45 days | <60 days | <45 days |
| 2. Number of PIFS | 1564 | 1113 | 3000 | 1200 | 1500 | 2400 | 3000 |
| 3. % of PIFS (1,2,3) investigations | 16% | 12% | 10% of total | 15% | 15% | 10% | 10% |
| 4. CAR completion | 11 Overdue 6 Category B | 0 Overdue 8 Category B | 0 Overdue 0 Cat. A or B | 0 Overdue 0 Cat. A 5 Cat. B | 0 Overdue 0 Cat. A 4 Cat. B | 0 Overdue 0 Cat. A 2 Cat. B | 0 Overdue 0 Cat. A or B |
| 5. Recurring problems | N/A | 0 | 0 | 2 | 1 | 3 | 2 |

| HUMAN PERFORMANCE | 1993 ACTUALS | ACTUAL YEAR TO DATE 04-29-94 | BENCHMARK | THRESHOLD 6/94 | STRETCH 6/94 | THRESHOLD 12/94 | STRETCH 12/94 |
|--|-----------------------|---------------------------------|------------------------------|---------------------|---------------------|----------------------|---------------------|
| 1. Personnel related events | 48 (NOTE G) | 20 | 30% decrease from 1993 value | 40 | 30 | 50 | 40 |
| 2. a. Industrial Safety Accident Rate (per 200,000 hours) b. OSHA recordables | a. 0.998 b. 19 | a. 0.0 b. 1 | a. 0.5 b. n/a | a. 0.75 b. 5 | a. 0.60 b. 3 | a. 0.70 b. 11 | a. 0.60 b. 9 |
| 3. Reactivity management | 0 | 1 | 0 | 1 | 1 | 1 | 1 |
| 4. Procedure adherence events | 18 (NOTE G) | 2 | 0 | 8 | 6 | 12 | 10 |

NOTE A: Based on the L1RO6 refueling outage, schedule completion date is first week of June 1994.

NOTE B: Minimal data available - Units in either a planned or unplanned outage until early June 1994.

NOTE C: Does not include MOV's included in the Steam Condensing mode of RHR which will be deleted from the GL 89-10 program by June 1994.

NOTE D: Margin evaluations on GL 89-10 MOV's will be completed by June 28, 1994.

NOTE E: For Unit 2, the "third refuel outage" in the GL 89-10 process is L2RO6. This outage scope is to be finalized by September, 1994.

NOTE F: The identification of station work arounds is expected to increase as the definition stabilizes and personnel realize that their concerns are being acted upon. The 6/94 and 12/94 reduction percentages are based on the original number identified.

NOTE G: PIF process under development in 1993. The number of Radiation Worker practices, Personnel Related Events and Procedural Adherence Events are expected to increase as PIF usage increases.

NOTE H: Temp Alt numbers include Unit 2: 15 require refuel L2RO6 (2/94); 15 non-outage 1994 (June-Dec.)

QUAD CITIES METRICS (page 1)

4/23/94

| PROGRAM ELEMENT | BASELINE | ACTUAL | BENCH MARK | THRESHOLD LEVEL OF IMPROVEMENT JUNE 1994 | STRETCH GOAL JUNE 1994 | THRESHOLD LEVEL OF IMPROVEMENT DECEMBER 1994 | STRETCH GOAL DECEMBER 1994 |
|--|--------------|------------------------|--|--|---------------------------|--|-------------------------------|
| RADIATION PROTECTION | | | | | | | |
| 1. Collective exposure | | | | | | | |
| 10 outage repetitive jobs | 73.4 Rem | 26 Rem | | 69.7 End of Outage | 66.2 | | |
| > Outage exposure | 825 Rem | 367 Rem | | < Outage goal (<825 Rem) | 90% of Goal | N/A | N/A |
| > Non-outage rem/day | 1.3 R/day | 1.25 | | N/A | N/A | ≤1.30 Rem/day | ≤ 1.17 Rem/day |
| > Year end exposure | 849 Rem | 468 Rem | | N/A | N/A | ≤ 1250 | ≤ 1200 |
| >Hot spot elimination | 97 | 95 | none available | 92 | 88 | 88 | 83 |
| | | | | | | | |
| 2. Rad Worker practices/adherence events | 13 | 3 | 4 | ≤ 7 | ≤ 6 | ≤ 10 | ≤ 8 |
| > High Rad violations | 5 | 2 | 0 | 1 | 0 | 1 | 0 |
| > PCE's | 149 | 186 | 50/unit | ≤ 135 | ≤ 120 | ≤ 190 | ≤ 175 |
| | | | | | | | |
| 3. Rad material violations | 7 | 1 | 0 | ≤ 4 | ≤ 3 | ≤ 5 | ≤ 3 |
| | | | | | | | |
| 4. Contaminated area | 67,800 sq ft | 88,900 sq ft (30 %) | 5% nonoutage, outage threshold/stretch, 5% / 10% < 1993 value | 109,600 sq ft (≤ 37%) | 103,700 sq ft (≤35%) | 59,200 sq ft (≤ 20%) | 53,300 sq ft (≤ 18%) |
| | | | | | | | |

QUAD CITIES METRICS (page 2)

4/23/94

| PROGRAM ELEMENT | BASELINE | ACTUAL | BENCH MARK | THRESHOLD LEVEL OF IMPROVEMENT JUNE 1994 | STRETCH GOAL JUNE 1994 | THRESHOLD LEVEL OF IMPROVEMENT DECEMBER 1994 | STRETCH GOAL DECEMBER 1994 |
|--|----------|--------|--|--|---------------------------|--|-------------------------------|
| STATION SPECIFIC: | | | | | | | |
| 5. Shoe contaminations: (< and > 1K combined) | 52 | 35 | All shoe nonoutage 10/month, outage 25/month | 32 | 30 | 52 | 48 |
| | | | | | | | |

QUAD CITIES METRICS (page 3)

4/23/94

| PROGRAM ELEMENT | BASELINE | ACTUAL | BENCH MARK | THRESHOLD LEVEL OF IMPROVEMENT JUNE 1994 | STRETCH GOAL JUNE 1994 | THRESHOLD LEVEL OF IMPROVEMENT DECEMBER 1994 | STRETCH GOAL DECEMBER 1994 |
|---|--|--|---------------------|--|------------------------|--|----------------------------|
| MATERIAL CONDITION | | | | | | | |
| 1. Temporary alterations | 57 | 60 | <30 | ≤ 100 | | ≤ 55 | ≤ 50 |
| 2. Backlog of NWR | 915 | 1544 | 325 nonoutage | 1830 | | 1380 | 1330 |
| 3. Backlog of control room NWR | 44 | 38 | 6 nonoutage | ≤ 30 | ≤ 25 | ≤ 25 | ≤ 20 |
| 4. MOV commitment completion | U-1 57 static 16 dp U-2 81 static 20 dp | U-1 61 static 24 dp U-2 82 static 21 dp | Per site commitment | U-1 83 static 29 dp U-2 82 static 21 dp (End of Q1R13) | | U-1 89 static 33 dp U-2 82 static 25 dp | |
| 5. Refuel outage performance (% of planned work accomplished) | | 31% | 90% | | | | |

QUAD CITIES METRICS (page 4)

4/23/94

| PROGRAM ELEMENT | BASELINE | ACTUAL | BENCH MARK | THRESHOLD LEVEL OF IMPROVEMENT JUNE 1994 | STRETCH GOAL JUNE 1994 | THRESHOLD LEVEL OF IMPROVEMENT DECEMBER 1994 | STRETCH GOAL DECEMBER 1994 |
|---|--|---|--|--|------------------------------|---|------------------------------|
| 6. Safety system performance | U-1 HPCI 0.208 U-1 RCIC 0.001 U-2 HPCI 0.065 U-2 RCIC 0.016 EDG 0.028 ++++++ NRC: U-1 = 9 U-2 = 11 | U-1 HPCI 0.061 U-1 RCIC 0.013 U2 HPCI 0.009 U-2 RCIC 0.115 EDG 0.015 ++++++ 1st Qtr 94: U-1 = 1 U-2 = 3 | HPCI 0.025 RCIC 0.020 EDG 0.025 ++++++ 1 Failure/qtr | ++++++ U-1 ≤ 7 U-2 ≤ 9 | ++++++ U-1 ≤ 5 U-2 ≤ 7 | Year End U-1 HPCI ≤ 0.030 U-1 RCIC ≤ 0.025 U-2 HPCI ≤ 0.030 U-2 RCIC ≤ 0.025 EDG ≤ 0.030 ++++++ U-1 ≤ 5 U-2 ≤ 6 | ++++++ U-1 ≤ 3 U-2 ≤ 3 |
| | | | | | | | |
| 7. Operator work arounds *** | 79 | 38 | 0 | < 21 | < 18 | < 13 | < 10 |
| | | | | | | | |
| STATION SPECIFIC: | | | | | | | |
| | | | | | | | |
| 1. Resolution of key site specific issues (BDT, DET, VAT, IPE, Top 50 Technical issues @ Dresden) | VAT 268 | 171 | | 189 | 186 | 169 | 159 |

QUAD CITIES METRICS (page 5)

4/23/94

| PROGRAM ELEMENT | BASELINE | ACTUAL | BENCH MARK | THRESHOLD LEVEL OF IMPROVEMENT JUNE 1994 | STRETCH GOAL JUNE 1994 | THRESHOLD LEVEL OF IMPROVEMENT DECEMBER 1994 | STRETCH GOAL DECEMBER 1994 |
|---|--|-------------------------------|--|--|------------------------|--|--|
| PROBLEM IDENTIFICATION & RESOLUTION | | | | | | | |
| | | | | | | | |
| 1. Average age of PIF backlog | Level 4 = 140 days Level 3 = 110 days | Level 4 = 94 Level 3 = 120 | Level 4 < 45 days, Level 3,2,1 < 30 days | Maintain Current Level | | Level 4 - 100 days Level 3 - 80 days | Level 4 - 90 days Level 3 - 70 days |
| | | | | | | | |
| 2. Number of PIFS | 2054 | 1038 | 3000 | 1300 | 1500 | 2600 | 3000 |
| | | | | | | | |
| 3. % of PIFS (1,2,3) investigations | 9% | 4.7% | 10% of total | Maintain | | Maintain | |
| | | | | | | | |
| 4. CAR completion (Level A & B) | 14 > 60 days (4 open) | 15 > 60 days (5 open) | 10 > 60 days, with none on QV hit list | < 15 greater than 60 days | < 10 | < 10 | < 8 |
| | | | | | | | |
| 5. Recurring problems | 0 | 0 | 0 level 3,2,1 (5 level 4's become a level 3) | 0 | 0 | 0 | 0 |
| | | | | | | | |
| 6. NRC identified problems resulting in violations **** | 28 | | | | | | |
| PIF Identified Violation Data from 1st qtr 1994 **** | | | | | | | |
| | | | | | | | |

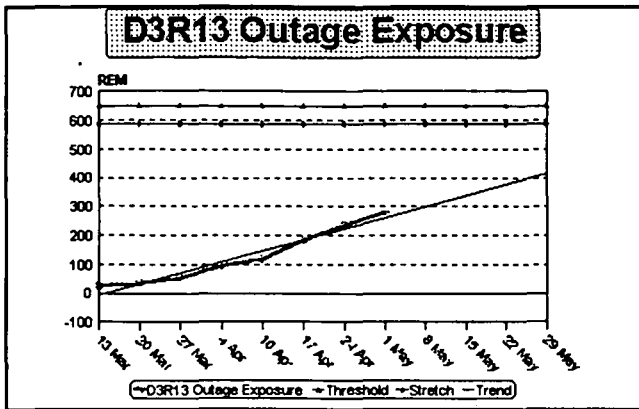
| PROGRAM ELEMENT | BASELINE | ACTUAL | BENCH MARK | THRESHOLD LEVEL OF IMPROVEMENT JUNE 1994 | STRETCH GOAL JUNE 1994 | THRESHOLD LEVEL OF IMPROVEMENT DECEMBER 1994 | STRETCH GOAL DECEMBER 1994 |
|----------------------------------|----------|--------|---------------------------------|--|---------------------------|--|-------------------------------|
| HUMAN PERFORMANCE | | | | | | | |
| | | | | | | | |
| 1. Personnel error events | 30 | 3 | 30% decrease from 1993 value | 12 | 10 | 23 | 20 |
| | | | | | | | |
| 2. Accident Rate | | 0.72 | for 1995 0.5 | 0.92 | 0.85 | < 0.92 | < 0.85 |
| | | | | | | | |
| 3. Reactivity management | 4 | 1 | 1 | 1 | 1 | 1 | 1 |
| | | | | | | | |
| 4. Procedure adherence events | 45 | 1 | 0 | 20 | 19 | 34 | 32 |
| | | | | | | | |

- * Temp Alts - Number will rise as a result of discovery and refuel outage. Threshold of improvement will be of all identified.
- ** All operability evaluations completed by 6/28/94.
- *** This metric will focus on currently identified workarounds.
- **** Both metrics will be tracked, however, no goals have been established.

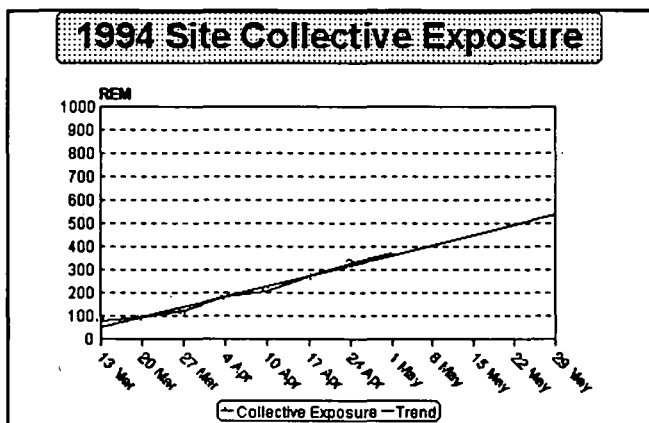
Performance Indicator Report for Dresden Station

**Radiation Protection
Human Performance
Materiel Condition
Problem Identification/Resolution**

Reporting Period: April 18 through May 1, 1994

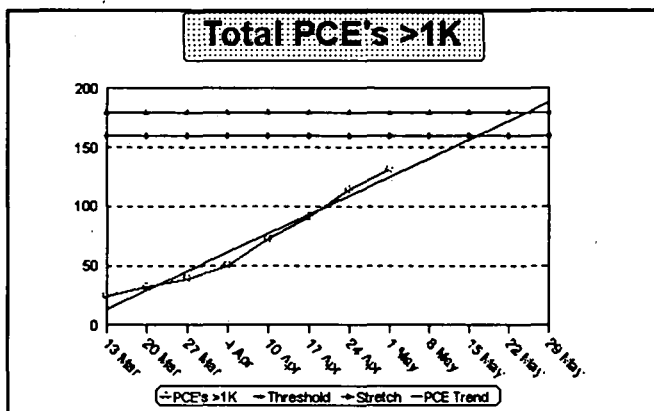


Analysis: Trends for this indicator continue to show performance that will exceed management's expectations. Success will depend heavily on the final resolution of the Unit 3 core shroud cracking issue.



Analysis: Trends for this indicator continue to show performance that will exceed management's expectations.

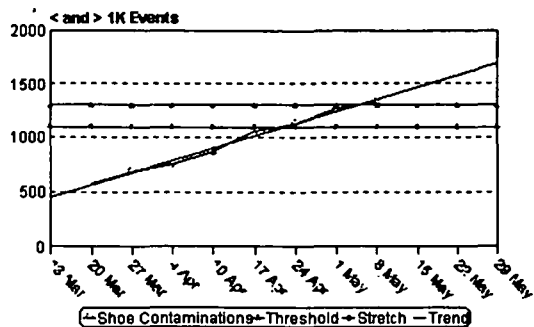
Actions: Control of emergent work and improvement in worker practices will ensure, in part, success in this area.



Analysis: Performance in this area is now projected to not meet management's expectations based on the latest trend data.

Actions: Adherence to sound radiological principles and increased management attention toward worker practices will be required to reverse this trend.

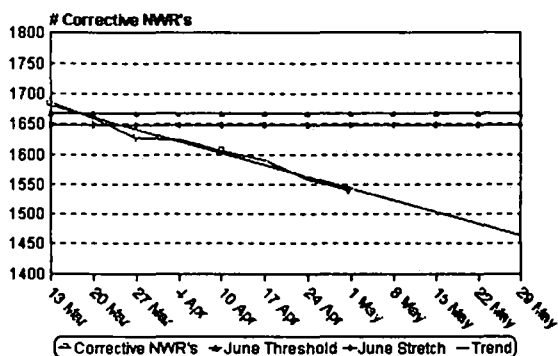
Shoe Contaminations



Analysis: This area of performance continues to trend in a negative direction and will not meet management's expectations for performance.

Actions: The site has commissioned FPI, Int'l. to assist in determining a root cause for the negative trend in this area.

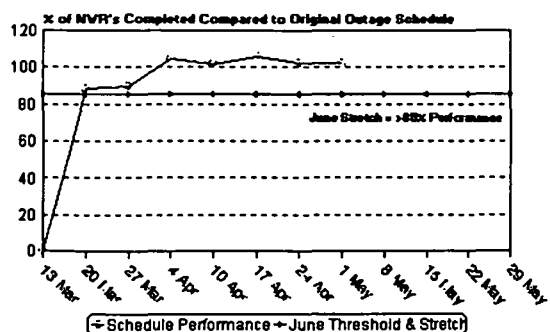
NWR BACKLOG



Analysis: This performance indicator continues to show steady measured improvement with performance meeting management's expectations from a numerical perspective.

Actions: Principal improvement can be attributed to the Instrument Maintenance Department. The site's challenge is to drive the same improvement trend in the other maintenance departments.

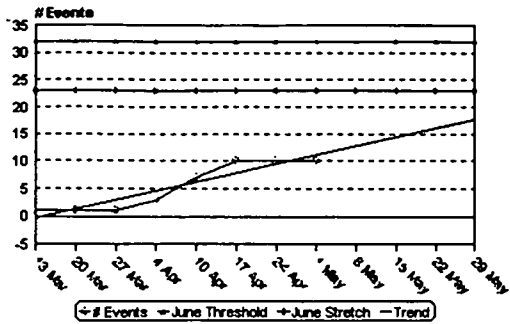
Refuel Outage Performance



Analysis: Performance continues to exceed management expectations in terms of numerical performance to the original outage schedule.

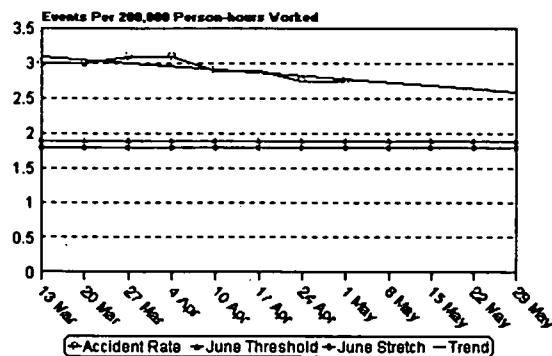
Actions: Continued diligence is required to control emergent work scope.

Personnel Error Events



Analysis: Performance in this area continues to trend positively and is expected to exceed management's expectations.

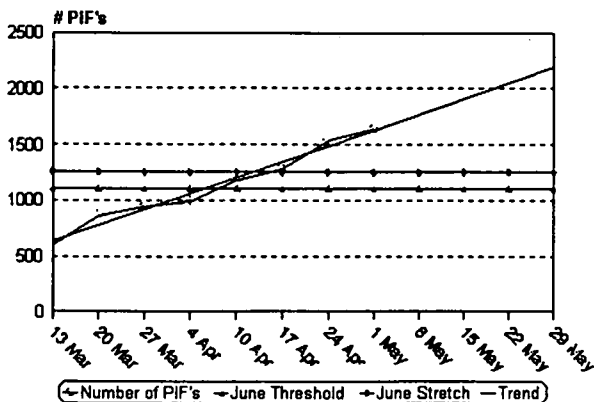
Industrial Safety Accident Rate



Analysis: Performance over the past two (2) weeks has shown a positive improvement. However, the numerical data does not meet management's expectations.

Actions: Management must continue to be focused on human performance and ensure nothing but the highest standards are tolerated.

Number of PIF'S Generated



Analysis: Performance in this area continues to exceed management expectations.

| Dresden Site Performance Indicator Trending | | | | | | | | |
|---|-----------|-----------|-----------|----------|----------|-----------|-----------|-----------|
| | June 1994 | | | | | | | |
| MATERIEL CONDITION | Threshold | Stretch | 24-Apr-94 | 1-May-94 | 8-May-94 | 15-May-94 | 22-May-94 | 29-May-94 |
| Top 10 Repetitive Jobs (Rem) | | | | | | | | |
| > Reactor Head | 10.45 | 9.90 | 5.13 | 5.135 | | | | |
| > CRD pull/put | 11.80 | 11.18 | 9.69 | 9.69 | | | | |
| > Drywell MSIV | 7.20 | 6.82 | 0.031 | 0.088 | | | | |
| > 3A RR Pump | 1.38 | 1.31 | 0.179 | 0.367 | | | | |
| > 3B RR Pump | 1.24 | 1.17 | 0.201 | 0.45 | | | | |
| > Drywell ISI | 35.17 | 33.32 | 8.317 | 14.262 | | | | |
| > Drywell Shielding | 14.60 | 13.83 | 8.862 | 9.034 | | | | |
| > CRD leak test/rebuild | 11.85 | 11.22 | 4.23 | 4.528 | | | | |
| > DW Snubber Inspec. | 13.76 | 13.04 | 1.545 | 2.055 | | | | |
| > DW Mn Stm Rel VLV Rep | 8.82 | 8.36 | 0.204 | 0.306 | | | | |
| TOTAL EST. EXPOSURE (above 10 jobs) | 116.26 | 110.14 | 38.389 | 45.915 | | | | |
| Hot Spot Reduction (number of hot spots) | 43 | 40 | 31 | 31 | | | | |
| Contaminated Area (% of plant) | 17.00% | 16.00% | 17.30% | 17.50% | | | | |
| Temporary Alterations (# of >30 days) | <30 | 17 | 38 | 36 | | | | |
| Backlog of NWR's | 1667 | 1649 | 1559 | 1538 | | | | |
| Backlog of Control Room NWR (Corrective) | 11 | <6 >2wks | 22 | 26 | | | | |
| Total outage/Non-outage CC NWR's | | | 51 | 48 | | | | |
| MOV Commitment | | | | | | | | |
| > U-2 dP tests | 5 | 8 | 8 | 8 | | | | |
| > U-3 dP tests | 27 | 29 | 7 | 7 | | | | |
| > U-2 Static Testing | 82 | 82 | 74 | 74 | | | | |
| > U-3 Static Testing | 78 | 78 | 47 | 47 | | | | |
| > Operability for high & medium safety significant, low margin vlvs | 160 | 160 | 141 | 141 | | | | |
| Refuel Outage Performance | 85.00% | > 85.00% | 102.00% | 102.00% | | | | |
| Safety System Performance | | | | | | | | |
| * HPCI (INPO) | | | | | | | | |
| > Unit 2 | </= 0.025 | </= 0.023 | 0.018 | 0.017 | | | | |
| > Unit 3 | </= 0.025 | </= 0.023 | 0.043 | 0.043 | | | | |

METGRAF3.XLS

| | | | | | | | | |
|--|----------|-----------|---------|---------|--|--|--|--|
| * LPCI (INPO) | | | | | | | | |
| > Unit 2 | <= 0.020 | <= 0.019 | 0 | 0 | | | | |
| > Unit 3 | <= 0.020 | <= 0.019 | 0.025 | 0.024 | | | | |
| * Emergency A/C (INPO) | | | | | | | | |
| > Unit 2 | <= 0.025 | <= 0.023 | 0.025 | 0.023 | | | | |
| > Unit 3 | <= 0.025 | <= 0.023 | 0.051 | 0.048 | | | | |
| * Safety System Failures (NRC) | | | | | | | | |
| > Unit 2 | | | | | | | | |
| > Unit 3 | | | | | | | | |
| Operator Work Arounds | | | | | | | | |
| > Unit 1 | < 10 | < 10 | 1 | 1 | | | | |
| > Unit 2 | < 10 | < 10 | 8 | 8 | | | | |
| > Unit 2/3 | < 10 | < 10 | 6 | 6 | | | | |
| > Unit 3 | < 10 | < 10 | 10 | 10 | | | | |
| > Radwaste | < 10 | < 10 | TBD | TBD | | | | |
| Top 50 Technical Issues | 20 | 20 | 2 | 3 | | | | |
| HUMAN PERFORMANCE | | | | | | | | |
| Outage Exposure (Rem) | 650.00 | 585.00 | 235.652 | 279.788 | | | | |
| Non-outage Rem/day (does not incl. outages) | N/A | N/A | 1.355 | 1.362 | | | | |
| Year end exposure (Rem) | | | 326.041 | 372.924 | | | | |
| Rad Worker Events (Level 1,2,3 PIF's) | 5 | 4 | 1 | 1 | | | | |
| High Rad Area Violations (Level 1,2,3 PIF's) | 4 | 2 | 2 | 3 | | | | |
| PCE's (>1K dpm/100cm2) | 180 | 160 | 114 | 131 | | | | |
| Rad Material Violations (Level 1,2,3 PIF's) | 6 | 4 | 10 | 12 | | | | |
| Shoe Contaminations (< & > 1K/100cm2) | 1300 | 1100 | 1264 | 1329 | | | | |
| Personnel Error Events | 32 | 23 | 10 | 10 | | | | |
| Accident Rate | 1.9 | 1.8 | 2.75 | 2.75 | | | | |
| Reactivity Management | 0 | 0 | 0 | 0 | | | | |
| Procedure Adherence Events | 11 | 8 | 2 | 3 | | | | |
| PERFORMANCE MONITORING | | | | | | | | |
| Average Age of PIF Backlog | 34 days | < 30 days | 32 | 32 | | | | |
| Number of PIF's | 1100 | 1250 | 1538 | 1638 | | | | |
| % of PIF's (Lev. 1,2,3) Investigations | 12.00% | 11.00% | 10.00% | 9.70% | | | | |
| CAR Completion | | | | | | | | |
| > Overdue responses (> 60 days) | 0 | 0 | 1 | 2 | | | | |
| > Level A CAR's | 0 | 0 | 0 | 0 | | | | |
| > Level B CAR's | 3 | 2 | 1 | 1 | | | | |
| Recurring Problems | 2 | 1 | 1 | 1 | | | | |

METGRAF3.XLS

| NRC Ident. Problems Resulting in Violations | | | | | | | | |
|---|--------|--------|-----|-------|--|--|--|--|
| > Ratio of Level 1,2,3 PIF's / total NOV's | Note 1 | Note 1 | 0 | 0 | | | | |
| > Ratio of NCV's / NOV's | Note 1 | Note 1 | 0.4 | 0.333 | | | | |