

1998 Human Factors Information System Report for Plant Docket 482

Combined IR/ER/LER Report
Docket: 50-482 WOLF CREEK 1

Total Number of Hits in Date Range: 169
From 01/01/1998 to 12/31/1998
2x National Average: 255

| Details | Department | Work Type | Docket/Report |
|------------------------|--------------|--------------------|----------------|
| Communications IR | | | |
| Number of items: 6 | | | |
| Percent of total: 3.55 | | | |
| 54-No communication | O-Operations | O-Control Room Ops | 50-482/1997023 |
| | O-Operations | | |
| 54-No communication | O-Operations | O-Control Room Ops | 50-482/1997023 |
| | O-Operations | | |
| 54-No communication | O-Operations | S-Surveillance | 50-482/1997023 |
| | O-Operations | | |
| 53-Communication LT | O-Operations | Z-Other | 50-482/1998010 |
| | O-Operations | | |
| 53-Communication LT | Q-QA/QC | A-Administrative | 50-482/1998010 |
| | Q-QA/QC | | |
| 54-No communication | O-Operations | O-Control Room Ops | 50-482/1998014 |
| | O-Operations | | |

Communications ER
Number of items: 0
Percent of total: 0

Communications LER
Number of items: 0
Percent of total: 0

Human-System Interface and Environm IR
Number of items: 7
Percent of total: 4.14

| | | | |
|---------------------|------------------|--------------------|----------------|
| 61-Labels LTA | O-Operations | B-Bal of Plant Ops | 50-482/1997023 |
| 61-Labels LTA | O-Operations | B-Bal of Plant Ops | 50-482/1998004 |
| 76-Postings LTA | H-Health Physics | H-Health Physics | 50-482/1998010 |
| 76-Postings LTA | H-Health Physics | H-Health Physics | 50-482/1998010 |
| 76-Postings LTA | H-Health Physics | H-Health Physics | 50-482/1998010 |
| 65-Information Cont | O-Operations | B-Bal of Plant Ops | 50-482/1998012 |
| 67-Function LTA (ac | O-Operations | B-Bal of Plant Ops | 50-482/1998012 |

Human-System Interface and Environm ER
Number of items: 0
Percent of total: 0

Human-System Interface and Environm LER
Number of items: 0
Percent of total: 0

Management and Supervision IR
Number of items: 22
Percent of total: 13.02

| | | | |
|---------------------|---------------|----------------|----------------|
| 33-Management expec | O-Operations | S-Surveillance | 50-482/1997023 |
| 40-Individual Corre | G-Engineering | Z-Other | 50-482/1998008 |
| 40-Individual Corre | T-Training | Z-Other | 50-482/1998010 |
| 48-Audits or proble | O-Operations | Z-Other | 50-482/1998010 |
| 40-Individual Corre | G-Engineering | Z-Other | 50-482/1998010 |

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| Details | Department | Work Type | Docket/Report |
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| Management and Supervision IR | | | |
| Number of items: 22 | | | |
| Percent of Total: 13.02 | | | |
| 40-Individual Corre | G-Engineering | Z-Other | 50-482/1998012 |
| 41-Action not begun | G-Engineering | Z-Other | 50-482/1998012 |

| | | | |
|---------------------|---------------|------------------|----------------|
| 41-Action not begun | G-Engineering | Z-Other | 50-482/1998012 |
| 42-No action planne | G-Engineering | Z-Other | 50-482/1998012 |
| 42-No action planne | G-Engineering | Z-Other | 50-482/1998012 |
| 40-Individual Corre | G-Engineering | Z-Other | 50-482/1998012 |
| 41-Action not begun | Z-Other | Z-Other | 50-482/1998012 |
| 40-Individual Corre | G-Engineering | Z-Other | 50-482/1998012 |
| 48-Audits or proble | O-Operations | Z-Other | 50-482/1998013 |
| 48-Audits or proble | O-Operations | Z-Other | 50-482/1998013 |
| 48-Audits or proble | O-Operations | Z-Other | 50-482/1998013 |
| 48-Audits or proble | O-Operations | Z-Other | 50-482/1998013 |
| 48-Audits or proble | O-Operations | Z-Other | 50-482/1998013 |
| 32-Supervision / co | M-Mechanical | M-Maint / Repair | 50-482/1998013 |
| 32-Supervision / co | M-Mechanical | M-Maint / Repair | 50-482/1998013 |
| 40-Individual Corre | G-Engineering | Z-Other | 50-482/1998014 |
| 36-Scheduling and p | Z-Other | Z-Other | 50-482/1998014 |

Management and Supervision ER
 Number of items: 0
 Percent of total: 0

Management and Supervision LER
 Number of items: 0
 Percent of total: 0

Organizational Issues IR
 Number of items: 0
 Percent of total: 0

Organizational Issues ER
 Number of items: 0
 Percent of total: 0

Organizational Issues LER
 Number of items: 0
 Percent of total: 0

Procedures and Reference Document IR
 Number of items: 43
 Percent of total: 25.44

| | | | |
|---------------------|---------------|----------|----------------|
| 13-Procedure has hu | G-Engineering | G-Design | 50-482/1997023 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1997023 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1997023 |
| 13-Procedure has hu | G-Engineering | G-Design | 50-482/1998004 |
| 13-Procedure has hu | G-Engineering | G-Design | 50-482/1998005 |
| 13-Procedure has hu | G-Engineering | G-Design | 50-482/1998005 |
| 13-Procedure has hu | G-Engineering | G-Design | 50-482/1998005 |
| 11-No procedure / r | G-Engineering | G-Design | 50-482/1998008 |
| 13-Procedure has hu | G-Engineering | G-Design | 50-482/1998008 |

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|---------|------------|-----------|---------------|

Procedures and Reference Document IR
 Number of items: 43
 Percent of Total: 25.44

| | | | |
|---------------------|------------------|------------------|----------------|
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998010 |
| 13-Procedure has hu | H-Health Physics | H-Health Physics | 50-482/1998010 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 13-Procedure has hu | G-Engineering | G-Design | 50-482/1998012 |
| 13-Procedure has hu | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 13-Procedure has hu | G-Engineering | G-Design | 50-482/1998012 |

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| | | | |
|---------------------|---------------------|-----------------|----------------|
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 13-Procedure has hu | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 12-Procedure techni | G-Engineering | G-Design | 50-482/1998012 |
| 13-Procedure has hu | G-Engineering | P-Procedure Dev | 50-482/1998012 |
| 12-Procedure techni | T-Training | Z-Other | 50-482/1998012 |
| 13-Procedure has hu | P-Procedure Writers | P-Procedure Dev | 50-482/1998013 |
| 13-Procedure has hu | P-Procedure Writers | K-Housekeeping | 50-482/1998014 |
| 11-No procedure / r | H-Health Physics | P-Procedure Dev | 50-482/1998015 |

Procedures and Reference Document ER

Number of items: 0

Percent of total: 0

Procedures and Reference Document LER

Number of items: 0

Percent of total: 0

Training IR

Number of items: 13

Percent of total: 7.69

| | | | |
|---------------------|--------------|--------------------|----------------|
| 05-Individual knowl | O-Operations | O-Control Room Ops | 50-482/1998004 |
| 05-Individual knowl | O-Operations | O-Control Room Ops | 50-482/1998004 |
| 05-Individual knowl | Q-QA/QC | H-Health Physics | 50-482/1998004 |
| 02-Training LTA | T-Training | O-Control Room Ops | 50-482/1998008 |

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|---------|------------|-----------|---------------|
|---------|------------|-----------|---------------|

Training IR

Number of items: 13

Percent of Total: 7.69

| | | | |
|---------------------|---------------|--------------------|----------------|
| 01-No Training | T-Training | G-Design | 50-482/1998008 |
| 03-Training process | T-Training | A-Administrative | 50-482/1998010 |
| 03-Training process | T-Training | Q-Fire Protection | 50-482/1998012 |
| 02-Training LTA | T-Training | B-Bal of Plant Ops | 50-482/1998013 |
| 05-Individual knowl | G-Engineering | V-Troubleshooting | 50-482/1998013 |
| 05-Individual knowl | E-Electrical | F-Modification | 50-482/1998014 |
| 05-Individual knowl | Q-QA/QC | F-Modification | 50-482/1998014 |
| 01-No Training | T-Training | H-Health Physics | 50-482/1998015 |
| 02-Training LTA | T-Training | H-Health Physics | 50-482/1998015 |

Training ER

Number of items: 1

Percent of total: .59

| | | | |
|---------------------|--------------|---------|----------------|
| 05-Individual knowl | O-Operations | Z-Other | 50-482/1998301 |
|---------------------|--------------|---------|----------------|

Training LER

Number of items: 2

Percent of total: 1.18

| | | | |
|---------------------|---------------|---------|------------------|
| 02-Training LTA | G-Engineering | Z-Other | 50-482/199800200 |
| 05-Individual knowl | G-Engineering | Z-Other | 50-482/199800200 |

Work Factors IR

Number of items: 74

Percent of total: 43.79

| | | | |
|---------------------|---------------------|------------------|----------------|
| 83-Work practice or | O-Operations | S-Surveillance | 50-482/1997023 |
| 83-Work practice or | I-Instrumentation & | C-Calibration | 50-482/1997023 |
| 84-Non-conserv. dec | I-Instrumentation & | C-Calibration | 50-482/1997023 |
| 83-Work practice or | I-Instrumentation & | C-Calibration | 50-482/1997023 |
| 92-Self check LTA | I-Instrumentation & | C-Calibration | 50-482/1997023 |
| 83-Work practice or | I-Instrumentation & | C-Calibration | 50-482/1997023 |
| 89-Housekeeping LTA | M-Mechanical | M-Maint / Repair | 50-482/1997023 |
| 84-Non-conserv. dec | H-Health Physics | C-Calibration | 50-482/1997023 |
| 83-Work practice or | H-Health Physics | C-Calibration | 50-482/1997023 |
| 93-Awareness or att | H-Health Physics | H-Health Physics | 50-482/1997023 |
| 84-Non-conserv. dec | G-Engineering | F-Modification | 50-482/1998004 |
| 83-Work practice or | Q-QA/QC | H-Health Physics | 50-482/1998004 |
| 83-Work practice or | H-Health Physics | H-Health Physics | 50-482/1998004 |
| 84-Non-conserv. dec | Q-QA/QC | H-Health Physics | 50-482/1998004 |

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| | | | |
|---------------------|---------------|----------|----------------|
| 81-Work Package Qua | G-Engineering | G-Design | 50-482/1998005 |
| 81-Work Package Qua | G-Engineering | G-Design | 50-482/1998005 |
| 81-Work Package Qua | G-Engineering | G-Design | 50-482/1998005 |
| 83-Work practice or | G-Engineering | G-Design | 50-482/1998005 |
| 83-Work practice or | G-Engineering | G-Design | 50-482/1998005 |
| 83-Work practice or | G-Engineering | G-Design | 50-482/1998005 |
| 86-Work untimely | G-Engineering | G-Design | 50-482/1998005 |
| 83-Work practice or | G-Engineering | G-Design | 50-482/1998005 |
| 93-Awareness or att | G-Engineering | G-Design | 50-482/1998005 |
| 93-Awareness or att | G-Engineering | G-Design | 50-482/1998005 |
| 81-Work Package Qua | G-Engineering | G-Design | 50-482/1998005 |
| 81-Work Package Qua | G-Engineering | G-Design | 50-482/1998005 |

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| Details | Department | Work Type | Docket/Report |
|-------------------------|---------------------|--------------------|----------------|
| Work Factors IR | | | |
| Number of items: 74 | | | |
| Percent of Total: 43.79 | | | |
| 81-Work Package Qua | G-Engineering | G-Design | 50-482/1998005 |
| 81-Work Package Qua | G-Engineering | G-Design | 50-482/1998005 |
| 81-Work Package Qua | G-Engineering | G-Design | 50-482/1998005 |
| 93-Awareness or att | G-Engineering | G-Design | 50-482/1998005 |
| 93-Awareness or att | G-Engineering | G-Design | 50-482/1998005 |
| 91-Verification / p | O-Operations | B-Bal of Plant Ops | 50-482/1998005 |
| 94-Log-keeping or r | O-Operations | M-Maint / Repair | 50-482/1998005 |
| 83-Work practice or | O-Operations | A-Administrative | 50-482/1998008 |
| 84-Non-conserv. dec | G-Engineering | Z-Other | 50-482/1998008 |
| 93-Awareness or att | G-Engineering | Z-Other | 50-482/1998008 |
| 83-Work practice or | O-Operations | A-Administrative | 50-482/1998010 |
| 83-Work practice or | O-Operations | Z-Other | 50-482/1998010 |
| 83-Work practice or | O-Operations | Z-Other | 50-482/1998010 |
| 91-Verification / p | G-Engineering | M-Maint / Repair | 50-482/1998010 |
| 83-Work practice or | H-Health Physics | H-Health Physics | 50-482/1998010 |
| 92-Self check LTA | Z-Other | Z-Other | 50-482/1998010 |
| 93-Awareness or att | Z-Other | Z-Other | 50-482/1998010 |
| 91-Verification / p | H-Health Physics | M-Maint / Repair | 50-482/1998010 |
| 84-Non-conserv. dec | G-Engineering | G-Design | 50-482/1998012 |
| 93-Awareness or att | G-Engineering | G-Design | 50-482/1998012 |
| 84-Non-conserv. dec | G-Engineering | F-Modification | 50-482/1998012 |
| 87-Non-conservative | G-Engineering | F-Modification | 50-482/1998012 |
| 81-Work Package Qua | G-Engineering | F-Modification | 50-482/1998012 |
| 83-Work practice or | G-Engineering | G-Design | 50-482/1998012 |
| 93-Awareness or att | G-Engineering | G-Design | 50-482/1998012 |
| 83-Work practice or | G-Engineering | G-Design | 50-482/1998012 |
| 93-Awareness or att | G-Engineering | G-Design | 50-482/1998012 |
| 93-Awareness or att | G-Engineering | G-Design | 50-482/1998012 |
| 83-Work practice or | G-Engineering | G-Design | 50-482/1998012 |
| 93-Awareness or att | G-Engineering | A-Administrative | 50-482/1998012 |
| 84-Non-conserv. dec | G-Engineering | G-Design | 50-482/1998012 |
| 81-Work Package Qua | G-Engineering | F-Modification | 50-482/1998012 |
| 81-Work Package Qua | G-Engineering | F-Modification | 50-482/1998012 |
| 93-Awareness or att | G-Engineering | G-Design | 50-482/1998012 |
| 84-Non-conserv. dec | C-Chemistry | B-Bal of Plant Ops | 50-482/1998013 |
| 92-Self check LTA | C-Chemistry | B-Bal of Plant Ops | 50-482/1998013 |
| 88-Tag outs LTA | O-Operations | M-Maint / Repair | 50-482/1998013 |
| 81-Work Package Qua | W-Work Control / Sc | M-Maint / Repair | 50-482/1998013 |
| 93-Awareness or att | M-Mechanical | Z-Other | 50-482/1998013 |
| 84-Non-conserv. dec | O-Operations | V-Troubleshooting | 50-482/1998013 |
| 84-Non-conserv. dec | G-Engineering | V-Troubleshooting | 50-482/1998013 |
| 84-Non-conserv. dec | O-Operations | O-Control Room Ops | 50-482/1998014 |
| 92-Self check LTA | O-Operations | K-Housekeeping | 50-482/1998014 |
| 83-Work practice or | M-Mechanical | K-Housekeeping | 50-482/1998014 |
| 91-Verification / p | Q-QA/QC | F-Modification | 50-482/1998014 |
| 84-Non-conserv. dec | E-Electrical | F-Modification | 50-482/1998014 |
| 93-Awareness or att | G-Engineering | S-Surveillance | 50-482/1998015 |
| 84-Non-conserv. dec | G-Engineering | S-Surveillance | 50-482/1998015 |

Work Factors ER

Number of items: 0

Percent of total: 0

Work Factors LER

Number of items: 1

Percent of total: .59

[End of File for Plant Docket 482 (1998)]
