

1999 Human Factors Information System Report for Plant Docket 530

Combined IR/ER/LER Report
Docket: 50-530 PALO VERDE 3

Total Number of Hits in Date Range: 141
From 01/01/1999 to 12/31/1999
2x National Average: 226

| Details | Department | Work Type | Docket/Report |
|---|------------------------|-------------------|----------------|
| Communications IR | | | |
| Number of items: 17 | | | |
| Percent of total: 12.06 | | | |
| 53-Communication | LT O-Operations | T-Testing | 50-530/1998010 |
| | O-Operations | | |
| 53-Communication | LT O-Operations | T-Testing | 50-530/1998010 |
| | O-Operations | | |
| 53-Communication | LT O-Operations | T-Testing | 50-530/1998010 |
| | O-Operations | | |
| 53-Communication | LT I-Instrumentation & | T-Testing | 50-530/1998010 |
| | I-Instrumentation & | | |
| 55-Communication | Eq D-Emergency Plannin | D-Emergency Drill | 50-530/1998010 |
| | D-Emergency Plannin | | |
| 55-Communication | Eq D-Emergency Plannin | D-Emergency Drill | 50-530/1998010 |
| | D-Emergency Plannin | | |
| 55-Communication | Eq D-Emergency Plannin | D-Emergency Drill | 50-530/1998010 |
| | D-Emergency Plannin | | |
| 53-Communication | LT O-Operations | D-Emergency Drill | 50-530/1999001 |
| | O-Operations | | |
| 53-Communication | LT O-Operations | D-Emergency Drill | 50-530/1999001 |
| | O-Operations | | |
| 54-No communication | O-Operations | D-Emergency Drill | 50-530/1999001 |
| | O-Operations | | |
| 54-No communication | O-Operations | D-Emergency Drill | 50-530/1999001 |
| | O-Operations | | |
| 54-No communication | O-Operations | D-Emergency Drill | 50-530/1999001 |
| | O-Operations | | |
| 53-Communication | LT D-Emergency Plannin | D-Emergency Drill | 50-530/1999001 |
| | D-Emergency Plannin | | |
| 53-Communication | LT D-Emergency Plannin | D-Emergency Drill | 50-530/1999001 |
| | D-Emergency Plannin | | |
| 52-Communication | un H-Health Physics | D-Emergency Drill | 50-530/1999001 |
| | H-Health Physics | | |
| 53-Communication | LT H-Health Physics | D-Emergency Drill | 50-530/1999001 |
| | H-Health Physics | | |
| 53-Communication | LT D-Emergency Plannin | D-Emergency Drill | 50-530/1999001 |
| | D-Emergency Plannin | | |
| 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: 1 | | | |
| Percent of total: .71 | | | |
| 76-Postings | LTA H-Health Physics | H-Health Physics | 50-530/1999010 |
| 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: 11 | | | |
| Percent of total: 7.8 | | | |
| 34-Perceived pressu | W-Work Control / Sc | F-Modification | 50-530/1998010 |
| | Page: 1 | Date:03/17/2000 | |

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| Management and Supervision IR | | | |
| Number of items: 11 | | | |
| Percent of Total: 7.8 | | | |
| 33-Management expec | W-Work Control / Sc | M-Maint / Repair | 50-530/1998010 |
| 32-Supervision / co | M-Mechanical | F-Modification | 50-530/1998010 |
| 32-Supervision / co | O-Operations | D-Emergency Drill | 50-530/1999001 |
| 32-Supervision / co | D-Emergency Plannin | D-Emergency Drill | 50-530/1999001 |
| 32-Supervision / co | D-Emergency Plannin | D-Emergency Drill | 50-530/1999001 |
| 40-Individual Corre | P-Procedure Writers | F-Modification | 50-530/1999004 |
| 40-Individual Corre | P-Procedure Writers | F-Modification | 50-530/1999004 |
| 32-Supervision / co | G-Engineering | T-Testing | 50-530/1999008 |
| 44-Corrective Actio | G-Engineering | Z-Other | 50-530/1999011 |
| 41-Action not begun | G-Engineering | Z-Other | 50-530/1999017 |

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: 1
 Percent of total: .71
 21-Staffing LTA W-Work Control / Sc M-Maint / Repair 50-530/1998010

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: 15
 Percent of total: 10.64
 13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-530/1998010
 13-Procedure has hu D-Emergency Plannin D-Emergency Drill 50-530/1999001
 12-Procedure techni P-Procedure Writers P-Procedure Dev 50-530/1999004
 12-Procedure techni G-Engineering G-Design 50-530/1999011
 13-Procedure has hu G-Engineering G-Design 50-530/1999011
 12-Procedure techni G-Engineering G-Design 50-530/1999011
 12-Procedure techni G-Engineering G-Design 50-530/1999011
 11-No procedure / r G-Engineering G-Design 50-530/1999011
 13-Procedure has hu G-Engineering G-Design 50-530/1999011
 13-Procedure has hu G-Engineering G-Design 50-530/1999011
 13-Procedure has hu G-Engineering G-Design 50-530/1999011
 12-Procedure techni P-Procedure Writers P-Procedure Dev 50-530/1999012
 13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-530/1999012
 14-Document develop P-Procedure Writers P-Procedure Dev 50-530/1999012
 11-No procedure / r P-Procedure Writers P-Procedure Dev 50-530/1999016

Procedures and Reference Document ER
 Number of items: 0
 Percent of total: 0

Procedures and Reference Document LER
 Number of items: 1
 Percent of total: .71
 Page: 2 Date:03/17/2000

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Procedures and Reference Document LER
 Number of items: 1
 Percent of Total: .71

Human Factors Information System Report

12-Procedure techni E-Electrical T-Testing 50-530/199900100

Training IR

Number of items: 19

Percent of total: 13.48

| | | | |
|---------------------|--------------|------------------|----------------|
| 02-Training LTA | T-Training | F-Modification | 50-530/1998010 |
| 05-Individual knowl | O-Operations | Z-Other | 50-530/1998301 |
| 05-Individual knowl | O-Operations | Z-Other | 50-530/1998301 |
| 05-Individual knowl | O-Operations | Z-Other | 50-530/1998301 |
| 05-Individual knowl | O-Operations | Z-Other | 50-530/1998301 |
| 02-Training LTA | T-Training | Z-Other | 50-530/1998301 |
| 06-Simulator fideli | T-Training | Z-Other | 50-530/1998301 |
| 06-Simulator fideli | T-Training | Z-Other | 50-530/1998301 |
| 06-Simulator fideli | T-Training | T-Testing | 50-530/1998301 |
| 02-Training LTA | T-Training | M-Maint / Repair | 50-530/1999012 |
| 02-Training LTA | T-Training | Z-Other | 50-530/1999017 |
| 05-Individual knowl | O-Operations | Z-Other | 50-530/9983301 |
| 05-Individual knowl | O-Operations | Z-Other | 50-530/9983301 |
| 05-Individual knowl | O-Operations | Z-Other | 50-530/9983301 |
| 05-Individual knowl | O-Operations | Z-Other | 50-530/9983301 |
| 02-Training LTA | T-Training | Z-Other | 50-530/9983301 |
| 06-Simulator fideli | T-Training | Z-Other | 50-530/9983301 |
| 06-Simulator fideli | T-Training | Z-Other | 50-530/9983301 |
| 06-Simulator fideli | T-Training | Z-Other | 50-530/9983301 |

Training ER

Number of items: 0

Percent of total: 0

Training LER

Number of items: 0

Percent of total: 0

Work Factors IR

Number of items: 72

Percent of total: 51.06

| | | | |
|---------------------|---------------------|--------------------|----------------|
| 83-Work practice or | O-Operations | O-Control Room Ops | 50-530/1998009 |
| 84-Non-conserv. dec | O-Operations | B-Bal of Plant Ops | 50-530/1998009 |
| 93-Awareness or att | G-Engineering | A-Administrative | 50-530/1998009 |
| 93-Awareness or att | G-Engineering | A-Administrative | 50-530/1998009 |
| 86-Work untimely | G-Engineering | Z-Other | 50-530/1998009 |
| 86-Work untimely | G-Engineering | Z-Other | 50-530/1998009 |
| 83-Work practice or | G-Engineering | G-Design | 50-530/1998009 |
| 93-Awareness or att | W-Work Control / Sc | F-Modification | 50-530/1998009 |
| 91-Verification / p | W-Work Control / Sc | F-Modification | 50-530/1998009 |
| 93-Awareness or att | W-Work Control / Sc | F-Modification | 50-530/1998010 |
| 84-Non-conserv. dec | W-Work Control / Sc | F-Modification | 50-530/1998010 |
| 83-Work practice or | M-Mechanical | F-Modification | 50-530/1998010 |
| 81-Work Package Qua | W-Work Control / Sc | F-Modification | 50-530/1998010 |
| 81-Work Package Qua | W-Work Control / Sc | F-Modification | 50-530/1998010 |

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Work Factors IR

Number of items: 72

Percent of Total: 51.06

| | | | |
|---------------------|---------------------|-------------------|----------------|
| 91-Verification / p | G-Engineering | F-Modification | 50-530/1998010 |
| 91-Verification / p | W-Work Control / Sc | F-Modification | 50-530/1998010 |
| 93-Awareness or att | W-Work Control / Sc | M-Maint / Repair | 50-530/1998010 |
| 93-Awareness or att | W-Work Control / Sc | M-Maint / Repair | 50-530/1998010 |
| 93-Awareness or att | W-Work Control / Sc | M-Maint / Repair | 50-530/1998010 |
| 83-Work practice or | O-Operations | Z-Other | 50-530/1998301 |
| 84-Non-conserv. dec | O-Operations | D-Emergency Drill | 50-530/1999001 |
| 82-Briefing, prep. | O-Operations | D-Emergency Drill | 50-530/1999001 |
| 93-Awareness or att | O-Operations | D-Emergency Drill | 50-530/1999001 |
| 91-Verification / p | O-Operations | D-Emergency Drill | 50-530/1999001 |
| 92-Self check LTA | O-Operations | D-Emergency Drill | 50-530/1999001 |
| 93-Awareness or att | O-Operations | D-Emergency Drill | 50-530/1999001 |
| 93-Awareness or att | O-Operations | D-Emergency Drill | 50-530/1999001 |
| 94-Log-keeping or r | O-Operations | D-Emergency Drill | 50-530/1999001 |
| 82-Briefing, prep. | D-Emergency Plannin | D-Emergency Drill | 50-530/1999001 |
| 85-Team interaction | D-Emergency Plannin | D-Emergency Drill | 50-530/1999001 |
| 82-Briefing, prep. | D-Emergency Plannin | D-Emergency Drill | 50-530/1999001 |
| 93-Awareness or att | D-Emergency Plannin | D-Emergency Drill | 50-530/1999001 |

