

1998 Human Factors Information System Report for Plant Docket 353

Combined IR/ER/LER Report
Docket: 50-353 LIMERICK 2

Total Number of Hits in Date Range: 118
From 01/01/1998 to 12/31/1998
2x National Average: 255

| Details | Department | Work Type | Docket/Report |
|---|---------------------|--------------------|------------------|
| Communications IR | | | |
| Number of items: 5 | | | |
| Percent of total: 4.24 | | | |
| 54-No communication | O-Operations | B-Bal of Plant Ops | 50-353/1997010 |
| | O-Operations | | |
| 53-Communication LT | G-Engineering | A-Administrative | 50-353/1997010 |
| | G-Engineering | | |
| 52-Communication un | H-Health Physics | D-Emergency Drill | 50-353/1997010 |
| | H-Health Physics | | |
| 53-Communication LT | I-Instrumentation & | S-Surveillance | 50-353/1998002 |
| | I-Instrumentation & | | |
| 52-Communication un | G-Engineering | A-Administrative | 50-353/1998004 |
| | G-Engineering | | |
| 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: 0 | | | |
| Percent of total: 0 | | | |
| Human-System Interface and Environm ER | | | |
| Number of items: 0 | | | |
| Percent of total: 0 | | | |
| Human-System Interface and Environm LER | | | |
| Number of items: 1 | | | |
| Percent of total: .85 | | | |
| 67-Function LTA (ac | W-Work Control / Sc | T-Testing | 50-353/199800500 |
| Management and Supervision IR | | | |
| Number of items: 12 | | | |
| Percent of total: 10.17 | | | |
| 40-Individual Corre | G-Engineering | Z-Other | 50-353/1997009 |
| 41-Action not begun | O-Operations | Z-Other | 50-353/1997010 |
| 40-Individual Corre | O-Operations | Z-Other | 50-353/1998002 |
| 48-Audits or proble | D-Emergency Plannin | Z-Other | 50-353/1998002 |
| 40-Individual Corre | O-Operations | Z-Other | 50-353/1998003 |
| 40-Individual Corre | G-Engineering | Z-Other | 50-353/1998005 |
| 40-Individual Corre | G-Engineering | Z-Other | 50-353/1998005 |
| 33-Management expec | O-Operations | O-Control Room Ops | 50-353/1998005 |
| 41-Action not begun | G-Engineering | Z-Other | 50-353/1998005 |
| 44-Corrective Actio | G-Engineering | G-Design | 50-353/1998006 |
| 43-Operating Experi | G-Engineering | Z-Other | 50-353/1998006 |
| 41-Action not begun | G-Engineering | Z-Other | 50-353/1998006 |
| Management and Supervision ER | | | |
| Number of items: 0 | | | |
| Percent of total: 0 | | | |
| Management and Supervision LER | | | |
| Number of items: 1 | | | |
| Percent of total: .85 | | | |
| 36-Scheduling and p | W-Work Control / Sc | T-Testing | 50-353/199800500 |
| Organizational Issues IR | | | |
| Number of items: 1 | | | |
| Percent of total: .85 | | | |

Page: 1 Date:01/13/1999

Combined IR/ER/LER Report
Docket: 50-353 LIMERICK 2

Total Number of Hits in Date Range: 118
 From 01/01/1998 to 12/31/1998
 2x National Average: 255

| Details | Department | Work Type | Docket/Report |
|--------------------------|------------------|-------------------|----------------|
| Organizational Issues IR | | | |
| Number of items: 1 | | | |
| Percent of Total: .85 | | | |
| 21-Staffing LTA | H-Health Physics | D-Emergency Drill | 50-353/1997010 |

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: 12.71

| | | | |
|---------------------|---------------------|-------------------|----------------|
| 13-Procedure has hu | G-Engineering | G-Design | 50-353/1997010 |
| 12-Procedure techni | H-Health Physics | A-Administrative | 50-353/1997010 |
| 12-Procedure techni | G-Engineering | G-Design | 50-353/1998002 |
| 12-Procedure techni | G-Engineering | G-Design | 50-353/1998002 |
| 12-Procedure techni | G-Engineering | G-Design | 50-353/1998002 |
| 12-Procedure techni | G-Engineering | G-Design | 50-353/1998002 |
| 12-Procedure techni | G-Engineering | G-Design | 50-353/1998002 |
| 12-Procedure techni | G-Engineering | G-Design | 50-353/1998002 |
| 12-Procedure techni | G-Engineering | G-Design | 50-353/1998003 |
| 13-Procedure has hu | P-Procedure Writers | P-Procedure Dev | 50-353/1998004 |
| 13-Procedure has hu | P-Procedure Writers | Q-Fire Protection | 50-353/1998004 |
| 12-Procedure techni | G-Engineering | G-Design | 50-353/1998005 |
| 13-Procedure has hu | G-Engineering | G-Design | 50-353/1998005 |
| 12-Procedure techni | P-Procedure Writers | P-Procedure Dev | 50-353/1998005 |
| 12-Procedure techni | G-Engineering | G-Design | 50-353/1998005 |

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

Procedures and Reference Document LER
 Number of items: 3
 Percent of total: 2.54

| | | | |
|---------------------|--------------|--------------------|------------------|
| 12-Procedure techni | O-Operations | O-Control Room Ops | 50-353/199800300 |
| 13-Procedure has hu | C-Chemistry | S-Surveillance | 50-353/199800300 |
| 12-Procedure techni | O-Operations | O-Control Room Ops | 50-353/199800400 |

Training IR

Number of items: 8
 Percent of total: 6.78

| | | | |
|---------------------|------------------|------------------|----------------|
| 02-Training LTA | T-Training | A-Administrative | 50-353/1997010 |
| 02-Training LTA | T-Training | H-Health Physics | 50-353/1997010 |
| 04-Task Qualificati | H-Health Physics | H-Health Physics | 50-353/1997010 |
| 02-Training LTA | T-Training | H-Health Physics | 50-353/1997010 |
| 01-No Training | T-Training | F-Modification | 50-353/1998003 |
| 02-Training LTA | T-Training | H-Health Physics | 50-353/1998003 |
| 05-Individual knowl | H-Health Physics | H-Health Physics | 50-353/1998003 |

Page: 2 Date:01/13/1999

Combined IR/ER/LER Report
 Docket: 50-353 LIMERICK 2

Total Number of Hits in Date Range: 118
 From 01/01/1998 to 12/31/1998
 2x National Average: 255

| Details | Department | Work Type | Docket/Report |
|------------------------|------------|------------------|----------------|
| Training IR | | | |
| Number of items: 8 | | | |
| Percent of Total: 6.78 | | | |
| 03-Training process | T-Training | H-Health Physics | 50-353/1998003 |

Training ER

Number of items: 3
 Percent of total: 2.54

| | | | |
|---------------------|--------------|---------|----------------|
| 02-Training LTA | T-Training | Z-Other | 50-353/1998001 |
| 02-Training LTA | T-Training | Z-Other | 50-353/1998001 |
| 05-Individual knowl | O-Operations | Z-Other | 50-353/1998001 |

Training LER

Number of items: 0
Percent of total: 0

Work Factors IR

Number of items: 69
Percent of total: 58.47

| | | | |
|---------------------|---------------------|--------------------|----------------|
| 94-Log-keeping or r | O-Operations | O-Control Room Ops | 50-353/1997010 |
| 93-Awareness or att | O-Operations | A-Administrative | 50-353/1997010 |
| 83-Work practice or | I-Instrumentation & | M-Maint / Repair | 50-353/1997010 |
| 83-Work practice or | I-Instrumentation & | M-Maint / Repair | 50-353/1997010 |
| 83-Work practice or | I-Instrumentation & | M-Maint / Repair | 50-353/1997010 |
| 83-Work practice or | I-Instrumentation & | M-Maint / Repair | 50-353/1997010 |
| 91-Verification / p | O-Operations | B-Bal of Plant Ops | 50-353/1997010 |
| 94-Log-keeping or r | O-Operations | A-Administrative | 50-353/1997010 |
| 83-Work practice or | H-Health Physics | A-Administrative | 50-353/1997010 |
| 83-Work practice or | H-Health Physics | A-Administrative | 50-353/1997010 |
| 84-Non-conserv. dec | I-Instrumentation & | S-Surveillance | 50-353/1998002 |
| 92-Self check LTA | I-Instrumentation & | M-Maint / Repair | 50-353/1998002 |
| 93-Awareness or att | W-Work Control / Sc | M-Maint / Repair | 50-353/1998002 |
| 83-Work practice or | U-Unknown | A-Administrative | 50-353/1998002 |
| 83-Work practice or | H-Health Physics | H-Health Physics | 50-353/1998002 |
| 86-Work untimely | I-Instrumentation & | C-Calibration | 50-353/1998002 |
| 87-Non-conservative | D-Emergency Plannin | D-Emergency Drill | 50-353/1998002 |
| 93-Awareness or att | O-Operations | O-Control Room Ops | 50-353/1998003 |
| 93-Awareness or att | O-Operations | O-Control Room Ops | 50-353/1998003 |
| 84-Non-conserv. dec | O-Operations | O-Control Room Ops | 50-353/1998003 |
| 84-Non-conserv. dec | O-Operations | O-Control Room Ops | 50-353/1998003 |
| 94-Log-keeping or r | O-Operations | A-Administrative | 50-353/1998003 |
| 94-Log-keeping or r | O-Operations | A-Administrative | 50-353/1998003 |
| 94-Log-keeping or r | O-Operations | A-Administrative | 50-353/1998003 |
| 81-Work Package Qua | G-Engineering | V-Troubleshooting | 50-353/1998003 |
| 85-Team interaction | G-Engineering | G-Design | 50-353/1998003 |
| 83-Work practice or | M-Mechanical | F-Modification | 50-353/1998003 |
| 92-Self check LTA | M-Mechanical | F-Modification | 50-353/1998003 |
| 91-Verification / p | M-Mechanical | F-Modification | 50-353/1998003 |
| 83-Work practice or | Q-QA/QC | F-Modification | 50-353/1998003 |
| 93-Awareness or att | M-Mechanical | F-Modification | 50-353/1998003 |
| 83-Work practice or | M-Mechanical | F-Modification | 50-353/1998003 |
| 83-Work practice or | M-Mechanical | F-Modification | 50-353/1998003 |
| 93-Awareness or att | Q-QA/QC | F-Modification | 50-353/1998003 |

Page: 3 Date:01/13/1999

Combined IR/ER/LER Report
Docket: 50-353 LIMERICK 2

Total Number of Hits in Date Range: 118
From 01/01/1998 to 12/31/1998
2x National Average: 255

| Details | Department | Work Type | Docket/Report |
|---------|------------|-----------|---------------|
|---------|------------|-----------|---------------|

Work Factors IR

Number of items: 69
Percent of Total: 58.47

| | | | |
|---------------------|---------------------|--------------------|----------------|
| 83-Work practice or | H-Health Physics | A-Administrative | 50-353/1998003 |
| 85-Team interaction | D-Emergency Plannin | D-Emergency Drill | 50-353/1998003 |
| 81-Work Package Qua | D-Emergency Plannin | D-Emergency Drill | 50-353/1998003 |
| 93-Awareness or att | M-Mechanical | M-Maint / Repair | 50-353/1998004 |
| 93-Awareness or att | G-Engineering | Z-Other | 50-353/1998004 |
| 93-Awareness or att | M-Mechanical | Z-Other | 50-353/1998004 |
| 93-Awareness or att | Z-Other | Z-Other | 50-353/1998004 |
| 83-Work practice or | M-Mechanical | M-Maint / Repair | 50-353/1998004 |
| 83-Work practice or | Z-Other | Q-Fire Protection | 50-353/1998004 |
| 83-Work practice or | O-Operations | S-Surveillance | 50-353/1998004 |
| 83-Work practice or | O-Operations | S-Surveillance | 50-353/1998004 |
| 83-Work practice or | O-Operations | S-Surveillance | 50-353/1998004 |
| 81-Work Package Qua | G-Engineering | G-Design | 50-353/1998004 |
| 86-Work untimely | G-Engineering | Z-Other | 50-353/1998004 |
| 83-Work practice or | G-Engineering | A-Administrative | 50-353/1998004 |
| 84-Non-conserv. dec | G-Engineering | Z-Other | 50-353/1998004 |
| 93-Awareness or att | G-Engineering | A-Administrative | 50-353/1998004 |
| 84-Non-conserv. dec | G-Engineering | G-Design | 50-353/1998005 |
| 93-Awareness or att | G-Engineering | G-Design | 50-353/1998005 |
| 93-Awareness or att | G-Engineering | G-Design | 50-353/1998005 |
| 93-Awareness or att | G-Engineering | A-Administrative | 50-353/1998005 |
| 93-Awareness or att | G-Engineering | A-Administrative | 50-353/1998005 |
| 84-Non-conserv. dec | O-Operations | O-Control Room Ops | 50-353/1998005 |
| 93-Awareness or att | G-Engineering | A-Administrative | 50-353/1998005 |
| 91-Verification / p | G-Engineering | G-Design | 50-353/1998005 |
| 81-Work Package Qua | G-Engineering | G-Design | 50-353/1998006 |

| | | | |
|---------------------|---------------|----------|----------------|
| 84-Non-conserv. dec | G-Engineering | G-Design | 50-353/1998006 |
| 84-Non-conserv. dec | G-Engineering | G-Design | 50-353/1998006 |
| 93-Awareness or att | G-Engineering | G-Design | 50-353/1998006 |
| 84-Non-conserv. dec | G-Engineering | G-Design | 50-353/1998006 |
| 83-Work practice or | G-Engineering | G-Design | 50-353/1998006 |
| 83-Work practice or | G-Engineering | G-Design | 50-353/1998006 |
| 81-Work Package Qua | G-Engineering | G-Design | 50-353/1998006 |
| 93-Awareness or att | G-Engineering | G-Design | 50-353/1998006 |
| 86-Work untimely | G-Engineering | G-Design | 50-353/1998006 |

Work Factors ER
Number of items: 0
Percent of total: 0

Work Factors LER
Number of items: 0
Percent of total: 0

[End of File for Plant Docket 353 (1998)]
