

1998 Human Factors Information System Report for Plant Docket 352

Combined IR/ER/LER Report
Docket: 50-352 LIMERICK 1

Total Number of Hits in Date Range: 152
From 01/01/1998 to 12/31/1998
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 4			
Percent of total: 2.63			
53-Communication	LT G-Engineering	A-Administrative	50-352/1997010
	G-Engineering		
53-Communication	LT I-Instrumentation &	S-Surveillance	50-352/1998002
	I-Instrumentation &		
53-Communication	LT W-Work Control / Sc	S-Surveillance	50-352/1998003
	W-Work Control / Sc		
52-Communication	un G-Engineering	A-Administrative	50-352/1998004
	G-Engineering		
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 2			
Percent of total: 1.32			
54-No communication	I-Instrumentation &	V-Troubleshooting	50-352/199800100
	G-Engineering		
53-Communication	LT W-Work Control / Sc	T-Testing	50-352/199801000
	I-Instrumentation &		
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: .66			
75-Work area	LTA O-Operations	B-Bal of Plant Ops	50-352/199800200
Management and Supervision IR			
Number of items: 28			
Percent of total: 18.42			
40-Individual Corre	G-Engineering	Z-Other	50-352/1997010
40-Individual Corre	G-Engineering	A-Administrative	50-352/1997010
47-Root Cause LTA	O-Operations	Z-Other	50-352/1998002
47-Root Cause LTA	O-Operations	Z-Other	50-352/1998002
40-Individual Corre	O-Operations	Z-Other	50-352/1998002
40-Individual Corre	G-Engineering	Z-Other	50-352/1998002
40-Individual Corre	G-Engineering	Z-Other	50-352/1998002
47-Root Cause LTA	G-Engineering	Z-Other	50-352/1998002
43-Operating Experi	G-Engineering	V-Troubleshooting	50-352/1998002
40-Individual Corre	G-Engineering	Z-Other	50-352/1998002
40-Individual Corre	G-Engineering	Z-Other	50-352/1998002
Page: 1		Date:01/13/1999	

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 28			
Percent of Total: 18.42			
41-Action not begun	G-Engineering	G-Design	50-352/1998002
48-Audits or proble	D-Emergency Plannin	Z-Other	50-352/1998002

40-Individual Corre	O-Operations	Z-Other	50-352/1998003
36-Scheduling and p	W-Work Control / Sc	S-Surveillance	50-352/1998003
41-Action not begun	G-Engineering	Z-Other	50-352/1998004
40-Individual Corre	G-Engineering	Z-Other	50-352/1998004
40-Individual Corre	G-Engineering	Z-Other	50-352/1998005
40-Individual Corre	G-Engineering	Z-Other	50-352/1998005
33-Management expec	O-Operations	O-Control Room Ops	50-352/1998005
41-Action not begun	G-Engineering	Z-Other	50-352/1998005
44-Corrective Actio	G-Engineering	G-Design	50-352/1998006
43-Operating Experi	G-Engineering	Z-Other	50-352/1998006
41-Action not begun	G-Engineering	Z-Other	50-352/1998006
40-Individual Corre	I-Instrumentation &	Z-Other	50-352/1998007
44-Corrective Actio	D-Emergency Plannin	Z-Other	50-352/1998007
48-Audits or proble	Q-QA/QC	Z-Other	50-352/1998007
41-Action not begun	D-Emergency Plannin	Z-Other	50-352/1998007

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

Management and Supervision LER
 Number of items: 4
 Percent of total: 2.63

36-Scheduling and p	O-Operations	M-Maint / Repair	50-352/199800600
36-Scheduling and p	O-Operations	M-Maint / Repair	50-352/199800600
36-Scheduling and p	I-Instrumentation &	T-Testing	50-352/199801000
41-Action not begun	B-Plant Management	O-Control Room Ops	50-352/199801400

Organizational Issues IR
 Number of items: 1
 Percent of total: .66

21-Staffing LTA	H-Health Physics	D-Emergency Drill	50-352/1997010
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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: 18
 Percent of total: 11.84

13-Procedure has hu	G-Engineering	G-Design	50-352/1997010
12-Procedure techni	H-Health Physics	A-Administrative	50-352/1997010
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-352/1998002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-352/1998002

Page: 2 Date:01/13/1999

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Procedures and Reference Document IR
 Number of items: 18
 Percent of Total: 11.84

12-Procedure techni	G-Engineering	G-Design	50-352/1998002
12-Procedure techni	G-Engineering	G-Design	50-352/1998002
12-Procedure techni	G-Engineering	G-Design	50-352/1998002
12-Procedure techni	G-Engineering	G-Design	50-352/1998002
12-Procedure techni	G-Engineering	G-Design	50-352/1998002
12-Procedure techni	G-Engineering	G-Design	50-352/1998002
12-Procedure techni	G-Engineering	G-Design	50-352/1998002
12-Procedure techni	G-Engineering	G-Design	50-352/1998003
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-352/1998004
13-Procedure has hu	P-Procedure Writers	Q-Fire Protection	50-352/1998004
12-Procedure techni	G-Engineering	G-Design	50-352/1998004
12-Procedure techni	G-Engineering	G-Design	50-352/1998005
13-Procedure has hu	G-Engineering	G-Design	50-352/1998005
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-352/1998005
12-Procedure techni	G-Engineering	G-Design	50-352/1998005

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

Procedures and Reference Document LER

Number of items: 2
 Percent of total: 1.32
 12-Procedure techni O-Operations B-Bal of Plant Ops 50-352/199800200
 12-Procedure techni I-Instrumentation & M-Maint / Repair 50-352/199800500

Training IR

Number of items: 8
 Percent of total: 5.26
 02-Training LTA T-Training A-Administrative 50-352/1997010
 02-Training LTA T-Training H-Health Physics 50-352/1997010
 04-Task Qualificati H-Health Physics H-Health Physics 50-352/1997010
 02-Training LTA T-Training H-Health Physics 50-352/1997010
 01-No Training T-Training F-Modification 50-352/1998003
 02-Training LTA T-Training H-Health Physics 50-352/1998003
 05-Individual knowl H-Health Physics H-Health Physics 50-352/1998003
 03-Training process T-Training H-Health Physics 50-352/1998003

Training ER

Number of items: 3
 Percent of total: 1.97
 02-Training LTA T-Training Z-Other 50-352/1998001
 02-Training LTA T-Training Z-Other 50-352/1998001
 05-Individual knowl O-Operations Z-Other 50-352/1998001

Training LER

Number of items: 0
 Percent of total: 0

Work Factors IR

Number of items: 79
 Percent of total: 51.97
 83-Work practice or E-Electrical M-Maint / Repair 50-352/1997010
 Page: 3 Date:01/13/1999

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Details	Department	Work Type	Docket/Report
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Work Factors IR

Number of items: 79			
Percent of Total: 51.97			
83-Work practice or E-Electrical		M-Maint / Repair	50-352/1997010
83-Work practice or E-Electrical		M-Maint / Repair	50-352/1997010
89-Housekeeping LTA E-Electrical		M-Maint / Repair	50-352/1997010
83-Work practice or I-Instrumentation &		M-Maint / Repair	50-352/1997010
83-Work practice or I-Instrumentation &		M-Maint / Repair	50-352/1997010
83-Work practice or I-Instrumentation &		M-Maint / Repair	50-352/1997010
83-Work practice or I-Instrumentation &		M-Maint / Repair	50-352/1997010
83-Work practice or M-Mechanical		M-Maint / Repair	50-352/1997010
83-Work practice or E-Electrical		K-Housekeeping	50-352/1997010
83-Work practice or E-Electrical		M-Maint / Repair	50-352/1997010
84-Non-conserv. dec O-Operations		Z-Other	50-352/1997010
83-Work practice or H-Health Physics		A-Administrative	50-352/1997010
83-Work practice or H-Health Physics		A-Administrative	50-352/1997010
93-Awareness or att O-Operations		B-Bal of Plant Ops	50-352/1998002
93-Awareness or att O-Operations		A-Administrative	50-352/1998002
83-Work practice or O-Operations		O-Control Room Ops	50-352/1998002
83-Work practice or O-Operations		O-Control Room Ops	50-352/1998002
86-Work untimely O-Operations		O-Control Room Ops	50-352/1998002
84-Non-conserv. dec I-Instrumentation &		S-Surveillance	50-352/1998002
92-Self check LTA I-Instrumentation &		M-Maint / Repair	50-352/1998002
93-Awareness or att W-Work Control / Sc		M-Maint / Repair	50-352/1998002
83-Work practice or U-Unknown		A-Administrative	50-352/1998002
94-Log-keeping or r O-Operations		A-Administrative	50-352/1998002
94-Log-keeping or r O-Operations		A-Administrative	50-352/1998002
83-Work practice or G-Engineering		G-Design	50-352/1998002
84-Non-conserv. dec G-Engineering		G-Design	50-352/1998002
84-Non-conserv. dec G-Engineering		G-Design	50-352/1998002
84-Non-conserv. dec G-Engineering		G-Design	50-352/1998002
81-Work Package Qua G-Engineering		G-Design	50-352/1998002
83-Work practice or H-Health Physics		H-Health Physics	50-352/1998002
86-Work untimely I-Instrumentation &		C-Calibration	50-352/1998002
87-Non-conservative D-Emergency Plannin		D-Emergency Drill	50-352/1998002
83-Work practice or F-Fuel Handling		R-Refueling	50-352/1998003
85-Team interaction G-Engineering		G-Design	50-352/1998003
83-Work practice or M-Mechanical		F-Modification	50-352/1998003
92-Self check LTA M-Mechanical		F-Modification	50-352/1998003

Human Factors Information System Report

91-Verification / p	M-Mechanical	F-Modification	50-352/1998003
83-Work practice or	Q-QA/QC	F-Modification	50-352/1998003
93-Awareness or att	M-Mechanical	F-Modification	50-352/1998003
83-Work practice or	M-Mechanical	F-Modification	50-352/1998003
83-Work practice or	M-Mechanical	F-Modification	50-352/1998003
93-Awareness or att	Q-QA/QC	F-Modification	50-352/1998003
83-Work practice or	H-Health Physics	A-Administrative	50-352/1998003
85-Team interaction	D-Emergency Plannin	D-Emergency Drill	50-352/1998003
81-Work Package Qua	D-Emergency Plannin	D-Emergency Drill	50-352/1998003
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-352/1998004
93-Awareness or att	G-Engineering	Z-Other	50-352/1998004
93-Awareness or att	M-Mechanical	Z-Other	50-352/1998004
93-Awareness or att	Z-Other	Z-Other	50-352/1998004
83-Work practice or	M-Mechanical	M-Maint / Repair	50-352/1998004

Page: 4 Date:01/13/1999

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Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 79			
Percent of Total: 51.97			
83-Work practice or	Z-Other	Q-Fire Protection	50-352/1998004
83-Work practice or	O-Operations	S-Surveillance	50-352/1998004
83-Work practice or	O-Operations	S-Surveillance	50-352/1998004
83-Work practice or	O-Operations	S-Surveillance	50-352/1998004
81-Work Package Qua	G-Engineering	G-Design	50-352/1998004
86-Work untimely	G-Engineering	Z-Other	50-352/1998004
83-Work practice or	G-Engineering	A-Administrative	50-352/1998004
84-Non-conserv. dec	G-Engineering	Z-Other	50-352/1998004
93-Awareness or att	G-Engineering	A-Administrative	50-352/1998004
84-Non-conserv. dec	G-Engineering	G-Design	50-352/1998005
93-Awareness or att	G-Engineering	G-Design	50-352/1998005
93-Awareness or att	G-Engineering	G-Design	50-352/1998005
93-Awareness or att	G-Engineering	A-Administrative	50-352/1998005
93-Awareness or att	G-Engineering	A-Administrative	50-352/1998005
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-352/1998005
93-Awareness or att	G-Engineering	A-Administrative	50-352/1998005
91-Verification / p	G-Engineering	G-Design	50-352/1998005
81-Work Package Qua	G-Engineering	G-Design	50-352/1998006
84-Non-conserv. dec	G-Engineering	G-Design	50-352/1998006
84-Non-conserv. dec	G-Engineering	G-Design	50-352/1998006
93-Awareness or att	G-Engineering	G-Design	50-352/1998006
84-Non-conserv. dec	G-Engineering	G-Design	50-352/1998006
83-Work practice or	G-Engineering	G-Design	50-352/1998006
83-Work practice or	G-Engineering	G-Design	50-352/1998006
81-Work Package Qua	G-Engineering	G-Design	50-352/1998006
93-Awareness or att	I-Instrumentation &	V-Troubleshooting	50-352/1998007
84-Non-conserv. dec	G-Engineering	G-Design	50-352/1998007
81-Work Package Qua	Q-QA/QC	D-Emergency Drill	50-352/1998007

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

Work Factors LER
Number of items: 2
Percent of total: 1.32

83-Work practice or	O-Operations	B-Bal of Plant Ops	50-352/199800300
83-Work practice or	G-Engineering	G-Design	50-352/199800400

Page: 5 Date:01/13/1999

[End of File for Plant Docket 352 (1998)]