

1998 Human Factors Information System Report for Plant Docket 333

Combined IR/ER/LER Report
Docket: 50-333 FITZPATRICK

Total Number of Hits in Date Range: 121
From 01/01/1998 to 12/31/1998
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 3			
Percent of total: 2.48			
53-Communication LT	O-Operations	A-Administrative	50-333/1997011
	O-Operations		
53-Communication LT	Z-Other	A-Administrative	50-333/1998004
	Z-Other		
52-Communication un	D-Emergency Plannin	D-Emergency Drill	50-333/1998006
	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: .83
72-Lighting LTA H-Health Physics B-Bal of Plant Ops 50-333/1998006

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: 16
Percent of total: 13.22

47-Root Cause LTA	O-Operations	Z-Other	50-333/1997008
40-Individual Corre	G-Engineering	Z-Other	50-333/1997011
40-Individual Corre	G-Engineering	Z-Other	50-333/1998001
40-Individual Corre	H-Health Physics	H-Health Physics	50-333/1998001
40-Individual Corre	O-Operations	O-Control Room Ops	50-333/1998002
40-Individual Corre	G-Engineering	Z-Other	50-333/1998002
40-Individual Corre	O-Operations	Z-Other	50-333/1998003
41-Action not begun	G-Engineering	Z-Other	50-333/1998005
41-Action not begun	G-Engineering	Z-Other	50-333/1998005
44-Corrective Actio	G-Engineering	Z-Other	50-333/1998005
47-Root Cause LTA	G-Engineering	Z-Other	50-333/1998005
40-Individual Corre	G-Engineering	Z-Other	50-333/1998005
41-Action not begun	G-Engineering	Z-Other	50-333/1998005
48-Audits or proble	G-Engineering	G-Design	50-333/1998005
44-Corrective Actio	G-Engineering	G-Design	50-333/1998005
48-Audits or proble	Q-QA/QC	Z-Other	50-333/1998005

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

Management and Supervision LER
Number of items: 2
Percent of total: 1.65
43-Operating Experi O-Operations V-Troubleshooting 50-333/199800100
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Management and Supervision LER			
Number of items: 2			
Percent of Total: 1.65			
33-Management expec	O-Operations	B-Bal of Plant Ops	50-333/199800700
Organizational Issues IR			
Number of items: 1			
Percent of total: .83			
28-Frequent use of	Z-Other	Z-Other	50-333/1998004
Organizational Issues ER			
Number of items: 0			
Percent of total: 0			
Organizational Issues LER			
Number of items: 2			
Percent of total: 1.65			
21-Staffing LTA	M-Mechanical	P-Procedure Dev	50-333/199800600
21-Staffing LTA	M-Mechanical	P-Procedure Dev	50-333/199800600
Procedures and Reference Document IR			
Number of items: 24			
Percent of total: 19.83			
12-Procedure techni	G-Engineering	G-Design	50-333/1997008
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-333/1998001
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-333/1998002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-333/1998002
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-333/1998002
12-Procedure techni	T-Training	Z-Other	50-333/1998002
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-333/1998002
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-333/1998002
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-333/1998002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-333/1998002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-333/1998003
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-333/1998003
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-333/1998003
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-333/1998003
13-Procedure has hu	G-Engineering	G-Design	50-333/1998003
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-333/1998004
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-333/1998004
12-Procedure techni	G-Engineering	G-Design	50-333/1998005
13-Procedure has hu	G-Engineering	G-Design	50-333/1998005
12-Procedure techni	G-Engineering	G-Design	50-333/1998005
12-Procedure techni	G-Engineering	G-Design	50-333/1998005
12-Procedure techni	G-Engineering	G-Design	50-333/1998005
13-Procedure has hu	G-Engineering	G-Design	50-333/1998005
11-No procedure / r	G-Engineering	G-Design	50-333/1998005
Procedures and Reference Document ER			
Number of items: 0			
Percent of total: 0			
Procedures and Reference Document LER			
Number of items: 4			
Percent of total: 3.31			
12-Procedure techni	O-Operations	V-Troubleshooting	50-333/199800100

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Procedures and Reference Document LER			
Number of items: 4			
Percent of Total: 3.31			
12-Procedure techni	O-Operations	B-Bal of Plant Ops	50-333/199800700
12-Procedure techni	O-Operations	B-Bal of Plant Ops	50-333/199800800
11-No procedure / r	Z-Other	G-Design	50-333/199800900
Training IR			
Number of items: 10			
Percent of total: 8.26			
02-Training LTA	O-Operations	M-Maint / Repair	50-333/1997008
02-Training LTA	T-Training	O-Control Room Ops	50-333/1998002

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03-Training process	T-Training	Z-Other	50-333/1998002
02-Training LTA	T-Training	Z-Other	50-333/1998002
03-Training process	T-Training	Z-Other	50-333/1998002
03-Training process	T-Training	H-Health Physics	50-333/1998002
05-Individual knowl	O-Operations	O-Control Room Ops	50-333/1998003
05-Individual knowl	G-Engineering	M-Maint / Repair	50-333/1998003
02-Training LTA	T-Training	Q-Fire Protection	50-333/1998003
05-Individual knowl	D-Emergency Plannin	O-Control Room Ops	50-333/1998005

Training ER

Number of items: 1

Percent of total: .83

02-Training LTA	T-Training	Z-Other	50-333/1997009
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Training LER

Number of items: 0

Percent of total: 0

Work Factors IR

Number of items: 51

Percent of total: 42.15

93-Awareness or att	O-Operations	V-Troubleshooting	50-333/1997008
82-Briefing, prep.	O-Operations	V-Troubleshooting	50-333/1997008
83-Work practice or	O-Operations	M-Maint / Repair	50-333/1997008
93-Awareness or att	W-Work Control / Sc	V-Troubleshooting	50-333/1997008
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-333/1997008
83-Work practice or	I-Instrumentation &	V-Troubleshooting	50-333/1997008
83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-333/1997008
83-Work practice or	G-Engineering	F-Modification	50-333/1997008
83-Work practice or	T-Training	A-Administrative	50-333/1997008
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-333/1997010
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-333/1997010
83-Work practice or	O-Operations	A-Administrative	50-333/1997010
81-Work Package Qua	G-Engineering	G-Design	50-333/1997011
84-Non-conserv. dec	G-Engineering	F-Modification	50-333/1997011
93-Awareness or att	O-Operations	O-Control Room Ops	50-333/1997011
81-Work Package Qua	G-Engineering	G-Design	50-333/1997080
93-Awareness or att	I-Instrumentation &	A-Administrative	50-333/1998001
83-Work practice or	M-Mechanical	H-Health Physics	50-333/1998001
83-Work practice or	M-Mechanical	H-Health Physics	50-333/1998001
83-Work practice or	E-Electrical	H-Health Physics	50-333/1998001

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Details	Department	Work Type	Docket/Report
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Work Factors IR

Number of items: 51

Percent of Total: 42.15

83-Work practice or	E-Electrical	H-Health Physics	50-333/1998001
93-Awareness or att	O-Operations	O-Control Room Ops	50-333/1998002
83-Work practice or	M-Mechanical	M-Maint / Repair	50-333/1998002
81-Work Package Qua	G-Engineering	R-Refueling	50-333/1998002
93-Awareness or att	O-Operations	O-Control Room Ops	50-333/1998002
84-Non-conserv. dec	H-Health Physics	H-Health Physics	50-333/1998002
84-Non-conserv. dec	M-Mechanical	H-Health Physics	50-333/1998002
93-Awareness or att	H-Health Physics	H-Health Physics	50-333/1998002
91-Verification / p	H-Health Physics	H-Health Physics	50-333/1998002
92-Self check LTA	O-Operations	B-Bal of Plant Ops	50-333/1998003
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-333/1998003
93-Awareness or att	O-Operations	O-Control Room Ops	50-333/1998003
93-Awareness or att	G-Engineering	G-Design	50-333/1998003
81-Work Package Qua	G-Engineering	F-Modification	50-333/1998003
83-Work practice or	U-Unknown	Q-Fire Protection	50-333/1998003
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-333/1998004
83-Work practice or	O-Operations	M-Maint / Repair	50-333/1998004
83-Work practice or	G-Engineering	G-Design	50-333/1998004
83-Work practice or	Z-Other	Z-Other	50-333/1998004
93-Awareness or att	G-Engineering	G-Design	50-333/1998005
93-Awareness or att	G-Engineering	G-Design	50-333/1998005
93-Awareness or att	G-Engineering	F-Modification	50-333/1998005
93-Awareness or att	G-Engineering	G-Design	50-333/1998005
93-Awareness or att	G-Engineering	G-Design	50-333/1998005
93-Awareness or att	G-Engineering	G-Design	50-333/1998005
93-Awareness or att	G-Engineering	G-Design	50-333/1998005
93-Awareness or att	G-Engineering	F-Modification	50-333/1998005

81-Work Package Qua	G-Engineering	F-Modification	50-333/1998005
81-Work Package Qua	G-Engineering	G-Design	50-333/1998005
81-Work Package Qua	G-Engineering	G-Design	50-333/1998006
93-Awareness or att	Z-Other	H-Health Physics	50-333/1998006

Work Factors ER

Number of items: 1

Percent of total: .83

81-Work Package Qua	T-Training	Z-Other	50-333/1997009
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Work Factors LER

Number of items: 5

Percent of total: 4.13

83-Work practice or	O-Operations	V-Troubleshooting	50-333/199800100
91-Verification / p	O-Operations	V-Troubleshooting	50-333/199800100
82-Briefing, prep.	O-Operations	B-Bal of Plant Ops	50-333/199800700
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-333/199800700
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-333/199800800

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[End of File for Plant Docket 333 (1998)]