

1997 Human Factors Information System Report for Plant Docket 293

Combined IR/ER/LER Report
Docket: 50-293 PILGRIM 1

Total Number of Hits in Date Range: 153
From 01/01/1997 to 12/31/1997
2x National Average: 213

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 11			
Percent of total: 7.19			
54-No communication	O-Operations	O-Control Room Ops	50-293/1997001
	O-Operations		
53-Communication LT	O-Operations	O-Control Room Ops	50-293/1997001
	O-Operations		
51-Misunderstood /	O-Operations	B-Bal of Plant Ops	50-293/1997002
	O-Operations		
54-No communication	G-Engineering	A-Administrative	50-293/1997005
	G-Engineering		
52-Communication un	O-Operations	O-Control Room Ops	50-293/1997005
	O-Operations		
52-Communication un	G-Engineering	A-Administrative	50-293/1997005
	G-Engineering		
54-No communication	G-Engineering	A-Administrative	50-293/1997005
	G-Engineering		
54-No communication	G-Engineering	A-Administrative	50-293/1997005
	G-Engineering		
53-Communication LT	Z-Other	M-Maint / Repair	50-293/1997008
	Z-Other		
52-Communication un	O-Operations	O-Control Room Ops	50-293/1997011
	O-Operations		
53-Communication LT	G-Engineering	S-Surveillance	50-293/1997011
	G-Engineering		
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 3			
Percent of total: 1.96			
53-Communication LT	M-Mechanical	M-Maint / Repair	50-293/199701001
53-Communication LT	I-Instrumentation &	C-Calibration	50-293/199701400
53-Communication LT	G-Engineering	G-Design	50-293/199703000
	G-Engineering		
Human-System Interface and Environm IR			
Number of items: 4			
Percent of total: 2.61			
73-Excessive Noise	H-Health Physics	H-Health Physics	50-293/1997002
75-Work area LTA	H-Health Physics	H-Health Physics	50-293/1997002
76-Postings LTA	H-Health Physics	H-Health Physics	50-293/1997002
75-Work area LTA	Z-Other	M-Maint / Repair	50-293/1997002
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: 18			
Percent of total: 11.76			
32-Supervision / co	O-Operations	O-Control Room Ops	50-293/1997001
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Management and Supervision IR			
Number of items: 18			
Percent of Total: 11.76			
41-Action not begun	O-Operations	O-Control Room Ops	50-293/1997001
40-Individual Corre	G-Engineering	G-Design	50-293/1997002
48-Audits or proble	O-Operations	B-Bal of Plant Ops	50-293/1997003
32-Supervision / co	O-Operations	B-Bal of Plant Ops	50-293/1997003
40-Individual Corre	G-Engineering	Z-Other	50-293/1997005
41-Action not begun	G-Engineering	Z-Other	50-293/1997005
40-Individual Corre	G-Engineering	G-Design	50-293/1997005
40-Individual Corre	G-Engineering	Z-Other	50-293/1997005
40-Individual Corre	G-Engineering	Z-Other	50-293/1997005
33-Management expec	O-Operations	Z-Other	50-293/1997006
33-Management expec	W-Work Control / Sc	M-Maint / Repair	50-293/1997008
40-Individual Corre	O-Operations	Z-Other	50-293/1997011
47-Root Cause LTA	O-Operations	Z-Other	50-293/1997011
32-Supervision / co	W-Work Control / Sc	M-Maint / Repair	50-293/1997011
33-Management expec	O-Operations	Z-Other	50-293/1997080
44-Corrective Actio	B-Plant Management	Z-Other	50-293/1997080
44-Corrective Actio	B-Plant Management	Z-Other	50-293/1997080

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

Management and Supervision LER
Number of items: 5
Percent of total: 3.27

36-Scheduling and p	O-Operations	O-Control Room Ops	50-293/199700500
33-Management expec	O-Operations	A-Administrative	50-293/199701001
32-Supervision / co	M-Mechanical	A-Administrative	50-293/199701001
32-Supervision / co	I-Instrumentation &	C-Calibration	50-293/199701400
32-Supervision / co	M-Mechanical	F-Modification	50-293/199702300

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: 16
Percent of total: 10.46

12-Procedure techni	G-Engineering	B-Bal of Plant Ops	50-293/1997002
12-Procedure techni	G-Engineering	G-Design	50-293/1997002
12-Procedure techni	G-Engineering	G-Design	50-293/1997002
11-No procedure / r	G-Engineering	G-Design	50-293/1997002

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Details	Department	Work Type	Docket/Report
Procedures and Reference Document IR			
Number of items: 16			
Percent of Total: 10.46			
12-Procedure techni	G-Engineering	G-Design	50-293/1997003
12-Procedure techni	G-Engineering	G-Design	50-293/1997003
12-Procedure techni	G-Engineering	G-Design	50-293/1997003
13-Procedure has hu	G-Engineering	G-Design	50-293/1997003
12-Procedure techni	G-Engineering	G-Design	50-293/1997003
12-Procedure techni	G-Engineering	G-Design	50-293/1997004
12-Procedure techni	G-Engineering	G-Design	50-293/1997004
12-Procedure techni	G-Engineering	G-Design	50-293/1997005
12-Procedure techni	G-Engineering	G-Design	50-293/1997005
12-Procedure techni	G-Engineering	G-Design	50-293/1997005
12-Procedure techni	G-Engineering	G-Design	50-293/1997008
11-No procedure / r	H-Health Physics	H-Health Physics	50-293/1997008
12-Procedure techni	G-Engineering	G-Design	50-293/1997011

Procedures and Reference Document ER

Number of items: 0
Percent of total: 0

Procedures and Reference Document LER

Number of items: 5
Percent of total: 3.27

13-Procedure has hu	O-Operations	V-Troubleshooting	50-293/199700600
13-Procedure has hu	O-Operations	V-Troubleshooting	50-293/199700600
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-293/199701001
13-Procedure has hu	E-Electrical	T-Testing	50-293/199701201
13-Procedure has hu	O-Operations	T-Testing	50-293/199701600

Training IR

Number of items: 5
Percent of total: 3.27

06-Simulator fideli	T-Training	O-Control Room Ops	50-293/1997001
02-Training LTA	T-Training	O-Control Room Ops	50-293/1997002
02-Training LTA	T-Training	Z-Other	50-293/1997006
05-Individual knowl	O-Operations	B-Bal of Plant Ops	50-293/1997008
04-Task Qualificati	O-Operations	Z-Other	50-293/1997080

Training ER

Number of items: 0
Percent of total: 0

Training LER

Number of items: 4
Percent of total: 2.61

02-Training LTA	G-Engineering	A-Administrative	50-293/199700900
02-Training LTA	G-Engineering	F-Modification	50-293/199700900
02-Training LTA	T-Training	M-Maint / Repair	50-293/199701001
01-No Training	E-Electrical	T-Testing	50-293/199701201

Work Factors IR

Number of items: 75
Percent of total: 49.02

83-Work practice or	O-Operations	O-Control Room Ops	50-293/1997001
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Work Factors IR

Number of items: 75
Percent of Total: 49.02

83-Work practice or	O-Operations	B-Bal of Plant Ops	50-293/1997001
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-293/1997001
83-Work practice or	O-Operations	O-Control Room Ops	50-293/1997001
83-Work practice or	O-Operations	O-Control Room Ops	50-293/1997001
83-Work practice or	O-Operations	O-Control Room Ops	50-293/1997001
85-Team interaction	O-Operations	Z-Other	50-293/1997001
85-Team interaction	G-Engineering	Z-Other	50-293/1997001
89-Housekeeping LTA	U-Unknown	M-Maint / Repair	50-293/1997002
83-Work practice or	G-Engineering	G-Design	50-293/1997002
81-Work Package Qua	G-Engineering	G-Design	50-293/1997002
81-Work Package Qua	G-Engineering	G-Design	50-293/1997002
83-Work practice or	G-Engineering	G-Design	50-293/1997002
83-Work practice or	G-Engineering	F-Modification	50-293/1997002
84-Non-conserv. dec	M-Mechanical	F-Modification	50-293/1997002
83-Work practice or	Q-QA/QC	F-Modification	50-293/1997002
84-Non-conserv. dec	G-Engineering	Q-Fire Protection	50-293/1997002
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-293/1997003
88-Tag outs LTA	O-Operations	F-Modification	50-293/1997003
83-Work practice or	Z-Other	M-Maint / Repair	50-293/1997003
86-Work untimely	U-Unknown	K-Housekeeping	50-293/1997003
83-Work practice or	Q-QA/QC	T-Testing	50-293/1997003
87-Non-conservati	Q-QA/QC	T-Testing	50-293/1997003
83-Work practice or	G-Engineering	G-Design	50-293/1997003
83-Work practice or	U-Unknown	H-Health Physics	50-293/1997003
81-Work Package Qua	G-Engineering	G-Design	50-293/1997004
81-Work Package Qua	G-Engineering	F-Modification	50-293/1997004
85-Team interaction	H-Health Physics	F-Modification	50-293/1997004
85-Team interaction	Z-Other	F-Modification	50-293/1997004
81-Work Package Qua	G-Engineering	G-Design	50-293/1997005

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81-Work Package Qua	G-Engineering	G-Design	50-293/1997005
81-Work Package Qua	G-Engineering	F-Modification	50-293/1997005
81-Work Package Qua	G-Engineering	G-Design	50-293/1997005
83-Work practice or	G-Engineering	G-Design	50-293/1997005
83-Work practice or	G-Engineering	G-Design	50-293/1997005
81-Work Package Qua	G-Engineering	G-Design	50-293/1997005
83-Work practice or	G-Engineering	G-Design	50-293/1997005
85-Team interaction	G-Engineering	A-Administrative	50-293/1997005
83-Work practice or	G-Engineering	G-Design	50-293/1997005
86-Work untimely	G-Engineering	G-Design	50-293/1997005
83-Work practice or	G-Engineering	G-Design	50-293/1997005
81-Work Package Qua	G-Engineering	G-Design	50-293/1997005
81-Work Package Qua	Q-QA/QC	Z-Other	50-293/1997005
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-293/1997007
93-Awareness or att	U-Unknown	Z-Other	50-293/1997007
93-Awareness or att	G-Engineering	V-Troubleshooting	50-293/1997007
86-Work untimely	G-Engineering	F-Modification	50-293/1997007
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-293/1997007
92-Self check LTA	G-Engineering	T-Testing	50-293/1997007
82-Briefing, prep.	O-Operations	T-Testing	50-293/1997007
81-Work Package Qua	G-Engineering	G-Design	50-293/1997007

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Work Factors IR			
Number of items: 75			
Percent of Total: 49.02			
83-Work practice or	G-Engineering	G-Design	50-293/1997007
93-Awareness or att	G-Engineering	G-Design	50-293/1997007
87-Non-conservati	Q-QA/QC	Z-Other	50-293/1997008
87-Non-conservati	Q-QA/QC	Z-Other	50-293/1997008
81-Work Package Qua	G-Engineering	G-Design	50-293/1997008
83-Work practice or	U-Unknown	H-Health Physics	50-293/1997008
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-293/1997011
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-293/1997011
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-293/1997011
93-Awareness or att	O-Operations	M-Maint / Repair	50-293/1997011
91-Verification / p	O-Operations	M-Maint / Repair	50-293/1997011
86-Work untimely	G-Engineering	M-Maint / Repair	50-293/1997011
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-293/1997011
85-Team interaction	G-Engineering	S-Surveillance	50-293/1997011
83-Work practice or	O-Operations	H-Health Physics	50-293/1997011
83-Work practice or	M-Mechanical	H-Health Physics	50-293/1997011
81-Work Package Qua	G-Engineering	G-Design	50-293/1997012
83-Work practice or	O-Operations	Z-Other	50-293/1997080
83-Work practice or	T-Training	A-Administrative	50-293/1997080
93-Awareness or att	O-Operations	A-Administrative	50-293/1997080
93-Awareness or att	O-Operations	A-Administrative	50-293/1997080
93-Awareness or att	O-Operations	A-Administrative	50-293/1997080
86-Work untimely	G-Engineering	G-Design	50-293/1997080
83-Work practice or	B-Plant Management	Z-Other	50-293/1997080

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

Work Factors LER
Number of items: 7
Percent of total: 4.58

87-Non-conservati	G-Engineering	A-Administrative	50-293/199700900
87-Non-conservati	G-Engineering	F-Modification	50-293/199700900
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-293/199701001
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-293/199701001
84-Non-conserv. dec	E-Electrical	C-Calibration	50-293/199701201
93-Awareness or att	E-Electrical	T-Testing	50-293/199701201
87-Non-conservati	I-Instrumentation & C-Calibration		50-293/199701400

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[End of File for Plant Docket 293 (1997)]