

1997 Human Factors Information System Report for Plant Docket 321

Combined IR/ER/LER Report
Docket: 50-321 HATCH 1

Total Number of Hits in Date Range: 116
From 01/01/1997 to 12/31/1997
2x National Average: 213

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 6			
Percent of total: 5.17			
54-No communication	G-Engineering	D-Emergency Drill	50-321/1997001
51-Misunderstood /	G-Engineering		
	M-Mechanical	M-Maint / Repair	50-321/1997002
	M-Mechanical		
54-No communication	U-Unknown	H-Health Physics	50-321/1997005
	U-Unknown		
53-Communication LT	M-Mechanical	H-Health Physics	50-321/1997005
	M-Mechanical		
53-Communication LT	G-Engineering	G-Design	50-321/1997007
	G-Engineering		
53-Communication LT	O-Operations	O-Control Room Ops	50-321/1997010
	O-Operations		
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 1			
Percent of total: .86			
53-Communication LT	O-Operations	O-Control Room Ops	50-321/199700300
Human-System Interface and Environm IR			
Number of items: 2			
Percent of total: 1.72			
61-Labels LTA	O-Operations	O-Control Room Ops	50-321/1997002
76-Postings LTA	H-Health Physics	H-Health Physics	50-321/1997010
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: .86			
75-Work area LTA	E-Electrical	M-Maint / Repair	50-366/199700200
Management and Supervision IR			
Number of items: 9			
Percent of total: 7.76			
33-Management expec	O-Operations	Q-Fire Protection	50-321/1997001
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-321/1997002
41-Action not begun	G-Engineering	G-Design	50-321/1997002
41-Action not begun	O-Operations	K-Housekeeping	50-321/1997005
43-Operating Experi	O-Operations	Z-Other	50-321/1997006
48-Audits or proble	Q-QA/QC	Z-Other	50-321/1997006
40-Individual Corre	O-Operations	Z-Other	50-321/1997006
40-Individual Corre	Q-QA/QC	Z-Other	50-321/1997006

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Management and Supervision IR			
Number of items: 9			
Percent of Total: 7.76			
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-321/1997010

Management and Supervision ER

Number of items: 0
Percent of total: 0

Management and Supervision LER

Number of items: 1
Percent of total: .86

36-Scheduling and p O-Operations O-Control Room Ops 50-321/199700800

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: 11
Percent of total: 9.48

12-Procedure techni	O-Operations	U-Unknown	50-321/1996014
12-Procedure techni	G-Engineering	G-Design	50-321/1997001
12-Procedure techni	G-Engineering	G-Design	50-321/1997001
14-Document develop	W-Work Control / Sc	P-Procedure Dev	50-321/1997002
12-Procedure techni	O-Operations	A-Administrative	50-321/1997004
12-Procedure techni	G-Engineering	G-Design	50-321/1997005
12-Procedure techni	G-Engineering	G-Design	50-321/1997005
12-Procedure techni	G-Engineering	G-Design	50-321/1997005
12-Procedure techni	G-Engineering	G-Design	50-321/1997005
12-Procedure techni	G-Engineering	G-Design	50-321/1997005
12-Procedure techni	G-Engineering	G-Design	50-321/1997009
12-Procedure techni	G-Engineering	G-Design	50-321/1997010

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: 4.31

12-Procedure techni	O-Operations	O-Control Room Ops	50-321/199700300
13-Procedure has hu	M-Mechanical	M-Maint / Repair	50-321/199700700
13-Procedure has hu	O-Operations	O-Control Room Ops	50-321/199700800
11-No procedure / r	E-Electrical	M-Maint / Repair	50-366/199700200
13-Procedure has hu	O-Operations	O-Control Room Ops	50-366/199700500

Training IR

Number of items: 6
Percent of total: 5.17

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Training IR

Number of items: 6
Percent of Total: 5.17

03-Training process	H-Health Physics	U-Unknown	50-321/1996014
06-Simulator fideli	T-Training	O-Control Room Ops	50-321/1997002
02-Training LTA	T-Training	Q-Fire Protection	50-321/1997002
05-Individual knowl	G-Engineering	V-Troubleshooting	50-321/1997007
02-Training LTA	T-Training	Z-Other	50-321/1997009
05-Individual knowl	O-Operations	S-Surveillance	50-321/1997009

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: 70

Percent of total: 60.34

84-Non-conserv. dec	G-Engineering	U-Unknown	50-321/1996014
87-Non-conservati	E-Electrical	U-Unknown	50-321/1996014
84-Non-conserv. dec	B-Plant Management	U-Unknown	50-321/1996014
83-Work practice or	O-Operations	Q-Fire Protection	50-321/1997001
81-Work Package Qua	G-Engineering	F-Modification	50-321/1997001
84-Non-conserv. dec	E-Electrical	F-Modification	50-321/1997001
92-Self check LTA	G-Engineering	G-Design	50-321/1997001
83-Work practice or	O-Operations	O-Control Room Ops	50-321/1997001
81-Work Package Qua	G-Engineering	M-Maint / Repair	50-321/1997001
83-Work practice or	Z-Other	Z-Other	50-321/1997001
83-Work practice or	Z-Other	Z-Other	50-321/1997001
83-Work practice or	U-Unknown	Q-Fire Protection	50-321/1997001
83-Work practice or	O-Operations	Q-Fire Protection	50-321/1997001
93-Awareness or att	O-Operations	A-Administrative	50-321/1997002
93-Awareness or att	O-Operations	A-Administrative	50-321/1997002
83-Work practice or	O-Operations	O-Control Room Ops	50-321/1997002
83-Work practice or	O-Operations	M-Maint / Repair	50-321/1997002
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-321/1997002
93-Awareness or att	O-Operations	M-Maint / Repair	50-321/1997002
93-Awareness or att	O-Operations	O-Control Room Ops	50-321/1997002
88-Tag outs LTA	M-Mechanical	M-Maint / Repair	50-321/1997002
83-Work practice or	M-Mechanical	M-Maint / Repair	50-321/1997002
83-Work practice or	G-Engineering	S-Surveillance	50-321/1997002
83-Work practice or	G-Engineering	S-Surveillance	50-321/1997002
81-Work Package Qua	W-Work Control / Sc	A-Administrative	50-321/1997002
83-Work practice or	F-Fuel Handling	R-Refueling	50-321/1997002
83-Work practice or	G-Engineering	A-Administrative	50-321/1997003
88-Tag outs LTA	M-Mechanical	M-Maint / Repair	50-321/1997005
91-Verification / p	O-Operations	M-Maint / Repair	50-321/1997005
91-Verification / p	O-Operations	M-Maint / Repair	50-321/1997005
91-Verification / p	O-Operations	K-Housekeeping	50-321/1997005
91-Verification / p	G-Engineering	K-Housekeeping	50-321/1997005

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Work Factors IR

Number of items: 70

Percent of Total: 60.34

83-Work practice or	G-Engineering	S-Surveillance	50-321/1997005
86-Work untimely	G-Engineering	G-Design	50-321/1997005
83-Work practice or	A-Administrative Su	A-Administrative	50-321/1997005
83-Work practice or	U-Unknown	H-Health Physics	50-321/1997005
81-Work Package Qua	H-Health Physics	H-Health Physics	50-321/1997005
81-Work Package Qua	H-Health Physics	H-Health Physics	50-321/1997005
86-Work untimely	H-Health Physics	H-Health Physics	50-321/1997005
84-Non-conserv. dec	H-Health Physics	H-Health Physics	50-321/1997005
93-Awareness or att	O-Operations	A-Administrative	50-321/1997006
83-Work practice or	O-Operations	Z-Other	50-321/1997006
93-Awareness or att	Q-QA/QC	Z-Other	50-321/1997006
83-Work practice or	Q-QA/QC	Z-Other	50-321/1997006
83-Work practice or	O-Operations	A-Administrative	50-321/1997006
83-Work practice or	O-Operations	A-Administrative	50-321/1997006
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-321/1997007
94-Log-keeping or r	O-Operations	A-Administrative	50-321/1997007
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-321/1997007
83-Work practice or	I-Instrumentation &	H-Health Physics	50-321/1997007
89-Housekeeping LTA	U-Unknown	M-Maint / Repair	50-321/1997007
81-Work Package Qua	O-Operations	M-Maint / Repair	50-321/1997009
84-Non-conserv. dec	I-Instrumentation &	M-Maint / Repair	50-321/1997009
89-Housekeeping LTA	Z-Other	K-Housekeeping	50-321/1997009
87-Non-conservati	H-Health Physics	H-Health Physics	50-321/1997009
83-Work practice or	M-Mechanical	H-Health Physics	50-321/1997009
83-Work practice or	O-Operations	O-Control Room Ops	50-321/1997010
83-Work practice or	O-Operations	O-Control Room Ops	50-321/1997010
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-321/1997010
93-Awareness or att	O-Operations	O-Control Room Ops	50-321/1997010
93-Awareness or att	O-Operations	O-Control Room Ops	50-321/1997010
83-Work practice or	G-Engineering	A-Administrative	50-321/1997010
93-Awareness or att	O-Operations	T-Testing	50-321/1997010
91-Verification / p	O-Operations	T-Testing	50-321/1997010
81-Work Package Qua	W-Work Control / Sc	F-Modification	50-321/1997010

83-Work practice or G-Engineering	P-Procedure Dev	50-321/1997010
83-Work practice or H-Health Physics	H-Health Physics	50-321/1997010
83-Work practice or M-Mechanical	H-Health Physics	50-321/1997010
83-Work practice or M-Mechanical	H-Health Physics	50-321/1997010
93-Awareness or att U-Unknown	Q-Fire Protection	50-321/1997010

Work Factors ER

Number of items: 2

Percent of total: 1.72

84-Non-conserv. dec O-Operations	Z-Other	50-321/1997030
83-Work practice or T-Training	Z-Other	50-321/1997030

Work Factors LER

Number of items: 2

Percent of total: 1.72

87-Non-conservati O-Operations	O-Control Room Ops	50-321/199700800
87-Non-conservati O-Operations	O-Control Room Ops	50-366/199700500

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[End of File for Plant Docket 321 (1997)]