

1997 Human Factors Information System Report for Plant Docket 400

Combined IR/ER/LER Report
Docket: 50-400 HARRIS 1

Total Number of Hits in Date Range: 203
From 01/01/1997 to 12/31/1997
2x National Average: 213

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 12			
Percent of total: 5.91			
51-Misunderstood /	M-Mechanical	U-Unknown	50-400/1996011
53-Communication LT	O-Operations	U-Unknown	50-400/1996011
53-Communication LT	O-Operations	O-Control Room Ops	50-400/1997001
54-No communication	O-Operations	O-Control Room Ops	50-400/1997004
53-Communication LT	O-Operations	O-Control Room Ops	50-400/1997004
53-Communication LT	O-Operations	O-Control Room Ops	50-400/1997004
52-Communication un	O-Operations	A-Administrative	50-400/1997006
53-Communication LT	G-Engineering	G-Design	50-400/1997007
54-No communication	O-Operations	A-Administrative	50-400/1997008
53-Communication LT	O-Operations	O-Control Room Ops	50-400/1997009
53-Communication LT	G-Engineering	V-Troubleshooting	50-400/1997010
55-Communication Eq	T-Training	Z-Other	50-400/1997300
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 4			
Percent of total: 1.97			
53-Communication LT	G-Engineering	F-Modification	50-400/199700900
53-Communication LT	G-Engineering	A-Administrative	50-400/199701100
53-Communication LT	I-Instrumentation &	A-Administrative	50-400/199701200
53-Communication LT	I-Instrumentation &	T-Testing	50-400/199701200
Human-System Interface and Environm IR			
Number of items: 4			
Percent of total: 1.97			
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-400/1997001
67-Function LTA (ac	O-Operations	B-Bal of Plant Ops	50-400/1997001
73-Excessive Noise	H-Health Physics	H-Health Physics	50-400/1997004
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-400/1997300
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: .49			
62-Information orga	O-Operations	C-Calibration	50-400/199701600
Management and Supervision IR			
Number of items: 25			
Percent of total: 12.32			
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Management and Supervision IR			
Number of items: 25			
Percent of Total: 12.32			
42-No action planne	O-Operations	U-Unknown	50-400/1996011
44-Corrective Actio	T-Training	Z-Other	50-400/1997001
40-Individual Corre	O-Operations	O-Control Room Ops	50-400/1997001
32-Supervision / co	G-Engineering	G-Design	50-400/1997001
32-Supervision / co	O-Operations	O-Control Room Ops	50-400/1997004
40-Individual Corre	O-Operations	O-Control Room Ops	50-400/1997004
40-Individual Corre	O-Operations	O-Control Room Ops	50-400/1997004
40-Individual Corre	O-Operations	B-Bal of Plant Ops	50-400/1997004
44-Corrective Actio	G-Engineering	S-Surveillance	50-400/1997004
36-Scheduling and p	W-Work Control / Sc	F-Modification	50-400/1997004
40-Individual Corre	G-Engineering	F-Modification	50-400/1997004
36-Scheduling and p	F-Fuel Handling	S-Surveillance	50-400/1997004
48-Audits or proble	O-Operations	V-Troubleshooting	50-400/1997006
40-Individual Corre	O-Operations	S-Surveillance	50-400/1997006
41-Action not begun	G-Engineering	G-Design	50-400/1997007
40-Individual Corre	G-Engineering	F-Modification	50-400/1997008
48-Audits or proble	Q-QA/QC	Z-Other	50-400/1997009
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-400/1997009
41-Action not begun	O-Operations	Z-Other	50-400/1997010

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

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

Organizational Issues IR
Number of items: 1
Percent of total: .49

Organizational Issues ER
Number of items: 0
Percent of total: 0

Organizational Issues LER
Number of items: 0
Percent of total: 0

Details	Department	Work Type	Docket/Report
Procedures and Reference Document IR			
Number of items: 25			
Percent of total: 12.32			
12-Procedure techni	G-Engineering	U-Unknown	50-400/1996011
12-Procedure techni	G-Engineering	G-Design	50-400/1997001
12-Procedure techni	G-Engineering	S-Surveillance	50-400/1997001
11-No procedure / r	G-Engineering	G-Design	50-400/1997003
11-No procedure / r	G-Engineering	G-Design	50-400/1997003
12-Procedure techni	G-Engineering	S-Surveillance	50-400/1997003
12-Procedure techni	G-Engineering	G-Design	50-400/1997003

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Procedures and Reference Document IR			
Number of items: 25			
Percent of Total: 12.32			
12-Procedure techni	G-Engineering	P-Procedure Dev	50-400/1997004
12-Procedure techni	G-Engineering	S-Surveillance	50-400/1997004
12-Procedure techni	G-Engineering	T-Testing	50-400/1997004
12-Procedure techni	G-Engineering	P-Procedure Dev	50-400/1997004
12-Procedure techni	G-Engineering	P-Procedure Dev	50-400/1997004
12-Procedure techni	G-Engineering	P-Procedure Dev	50-400/1997004
11-No procedure / r	G-Engineering	S-Surveillance	50-400/1997004
13-Procedure has hu	G-Engineering	G-Design	50-400/1997006
12-Procedure techni	P-Procedure Writers	S-Surveillance	50-400/1997006
12-Procedure techni	G-Engineering	G-Design	50-400/1997009
12-Procedure techni	G-Engineering	G-Design	50-400/1997009
12-Procedure techni	G-Engineering	P-Procedure Dev	50-400/1997009

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12-Procedure techni	G-Engineering	P-Procedure Dev	50-400/1997009
12-Procedure techni	G-Engineering	G-Design	50-400/1997009
12-Procedure techni	G-Engineering	G-Design	50-400/1997010

Procedures and Reference Document ER

Number of items: 0
Percent of total: 0

Procedures and Reference Document LER

Number of items: 16
Percent of total: 7.88

13-Procedure has hu	O-Operations	A-Administrative	50-400/199700400
13-Procedure has hu	O-Operations	O-Control Room Ops	50-400/199700400
13-Procedure has hu	C-Chemistry	M-Maint / Repair	50-400/199700700
13-Procedure has hu	O-Operations	M-Maint / Repair	50-400/199700800
13-Procedure has hu	G-Engineering	A-Administrative	50-400/199701100
13-Procedure has hu	I-Instrumentation &	A-Administrative	50-400/199701200
13-Procedure has hu	I-Instrumentation &	T-Testing	50-400/199701200
12-Procedure techni	I-Instrumentation &	A-Administrative	50-400/199701400
12-Procedure techni	I-Instrumentation &	T-Testing	50-400/199701400
13-Procedure has hu	O-Operations	C-Calibration	50-400/199701600
13-Procedure has hu	O-Operations	A-Administrative	50-400/199701800
13-Procedure has hu	O-Operations	O-Control Room Ops	50-400/199701800
13-Procedure has hu	M-Mechanical	M-Maint / Repair	50-400/199702200
13-Procedure has hu	M-Mechanical	V-Troubleshooting	50-400/199702200
13-Procedure has hu	G-Engineering	M-Maint / Repair	50-400/199702200
13-Procedure has hu	G-Engineering	V-Troubleshooting	50-400/199702200

Training IR

Number of items: 7
Percent of total: 3.45

03-Training process	T-Training	B-Bal of Plant Ops	50-400/1997003
02-Training LTA	T-Training	O-Control Room Ops	50-400/1997004
02-Training LTA	T-Training	Z-Other	50-400/1997008
06-Simulator fideli	T-Training	Z-Other	50-400/1997010
02-Training LTA	T-Training	Z-Other	50-400/1997300

Training ER

Number of items: 0
Percent of total: 0

Training LER

Number of items: 2
Percent of total: .99

02-Training LTA	I-Instrumentation &	A-Administrative	50-400/199701200
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Training LER

Number of items: 2
Percent of Total: .99

02-Training LTA	I-Instrumentation &	T-Testing	50-400/199701200
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Work Factors IR

Number of items: 94
Percent of total: 46.31

84-Non-conserv. dec	O-Operations	U-Unknown	50-400/1996011
87-Non-conservati	O-Operations	U-Unknown	50-400/1996011
92-Self check LTA	O-Operations	U-Unknown	50-400/1996011
92-Self check LTA	O-Operations	U-Unknown	50-400/1996011
92-Self check LTA	E-Electrical	U-Unknown	50-400/1996011
92-Self check LTA	Q-QA/QC	U-Unknown	50-400/1996011
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-400/1997001
84-Non-conserv. dec	O-Operations	S-Surveillance	50-400/1997001
93-Awareness or att	G-Engineering	S-Surveillance	50-400/1997001
83-Work practice or	O-Operations	O-Control Room Ops	50-400/1997001
93-Awareness or att	O-Operations	O-Control Room Ops	50-400/1997001
83-Work practice or	O-Operations	Q-Fire Protection	50-400/1997001
86-Work untimely	O-Operations	B-Bal of Plant Ops	50-400/1997003
86-Work untimely	O-Operations	B-Bal of Plant Ops	50-400/1997003
84-Non-conserv. dec	O-Operations	Z-Other	50-400/1997003
86-Work untimely	O-Operations	A-Administrative	50-400/1997003
83-Work practice or	G-Engineering	A-Administrative	50-400/1997003
81-Work Package Qua	G-Engineering	G-Design	50-400/1997003

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92-Self check LTA	O-Operations	O-Control Room Ops	50-400/1997004
93-Awareness or att	O-Operations	O-Control Room Ops	50-400/1997004
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-400/1997004
83-Work practice or	O-Operations	O-Control Room Ops	50-400/1997004
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-400/1997004
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-400/1997004
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-400/1997004
83-Work practice or	G-Engineering	T-Testing	50-400/1997004
92-Self check LTA	E-Electrical	T-Testing	50-400/1997004
92-Self check LTA	G-Engineering	G-Design	50-400/1997004
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-400/1997004
93-Awareness or att	W-Work Control / Sc	B-Bal of Plant Ops	50-400/1997004
83-Work practice or	G-Engineering	F-Modification	50-400/1997004
83-Work practice or	G-Engineering	A-Administrative	50-400/1997004
83-Work practice or	G-Engineering	G-Design	50-400/1997004
83-Work practice or	G-Engineering	G-Design	50-400/1997004
83-Work practice or	G-Engineering	G-Design	50-400/1997004
84-Non-conserv. dec	H-Health Physics	H-Health Physics	50-400/1997004
83-Work practice or	H-Health Physics	M-Maint / Repair	50-400/1997004
83-Work practice or	M-Mechanical	M-Maint / Repair	50-400/1997004
83-Work practice or	H-Health Physics	H-Health Physics	50-400/1997004
83-Work practice or	H-Health Physics	H-Health Physics	50-400/1997004
93-Awareness or att	O-Operations	C-Calibration	50-400/1997006
82-Briefing, prep.	O-Operations	C-Calibration	50-400/1997006
84-Non-conserv. dec	O-Operations	C-Calibration	50-400/1997006
91-Verification / p	O-Operations	S-Surveillance	50-400/1997006
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-400/1997006

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Work Factors IR			
Number of items: 94			
Percent of Total: 46.31			
81-Work Package Qua	G-Engineering	F-Modification	50-400/1997006
83-Work practice or	A-Administrative Su	A-Administrative	50-400/1997006
83-Work practice or	G-Engineering	G-Design	50-400/1997007
83-Work practice or	G-Engineering	G-Design	50-400/1997007
83-Work practice or	G-Engineering	G-Design	50-400/1997007
83-Work practice or	G-Engineering	A-Administrative	50-400/1997007
93-Awareness or att	G-Engineering	A-Administrative	50-400/1997007
83-Work practice or	G-Engineering	A-Administrative	50-400/1997007
83-Work practice or	G-Engineering	G-Design	50-400/1997007
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-400/1997007
91-Verification / p	M-Mechanical	M-Maint / Repair	50-400/1997007
91-Verification / p	E-Electrical	M-Maint / Repair	50-400/1997007
81-Work Package Qua	G-Engineering	F-Modification	50-400/1997008
81-Work Package Qua	G-Engineering	F-Modification	50-400/1997008
83-Work practice or	Z-Other	H-Health Physics	50-400/1997008
83-Work practice or	Z-Other	H-Health Physics	50-400/1997008
83-Work practice or	U-Unknown	H-Health Physics	50-400/1997008
93-Awareness or att	O-Operations	O-Control Room Ops	50-400/1997009
83-Work practice or	O-Operations	O-Control Room Ops	50-400/1997009
93-Awareness or att	O-Operations	O-Control Room Ops	50-400/1997009
83-Work practice or	O-Operations	O-Control Room Ops	50-400/1997009
83-Work practice or	O-Operations	O-Control Room Ops	50-400/1997009
83-Work practice or	O-Operations	O-Control Room Ops	50-400/1997009
93-Awareness or att	O-Operations	O-Control Room Ops	50-400/1997009
83-Work practice or	M-Mechanical	M-Maint / Repair	50-400/1997009
83-Work practice or	M-Mechanical	M-Maint / Repair	50-400/1997009
83-Work practice or	M-Mechanical	M-Maint / Repair	50-400/1997009
93-Awareness or att	O-Operations	T-Testing	50-400/1997009
81-Work Package Qua	G-Engineering	V-Troubleshooting	50-400/1997009
86-Work untimely	G-Engineering	G-Design	50-400/1997009
92-Self check LTA	G-Engineering	G-Design	50-400/1997010
83-Work practice or	I-Instrumentation &	A-Administrative	50-400/1997010
83-Work practice or	G-Engineering	A-Administrative	50-400/1997010
83-Work practice or	O-Operations	Z-Other	50-400/1997300
83-Work practice or	M-Mechanical	H-Health Physics	50-400/1997300

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

Work Factors LER

Number of items: 12
 Percent of total: 5.91
 87-Non-conservati C-Chemistry M-Maint / Repair 50-400/199700700
 87-Non-conservati O-Operations O-Control Room Ops 50-400/199701300
 87-Non-conservati I-Instrumentation & A-Administrative 50-400/199701400
 87-Non-conservati I-Instrumentation & T-Testing 50-400/199701400
 87-Non-conservati O-Operations T-Testing 50-400/199701500
 87-Non-conservati O-Operations T-Testing 50-400/199701700
 87-Non-conservati O-Operations A-Administrative 50-400/199701800
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Work Factors LER

Number of items:	12		
Percent of Total:	5.91		
87-Non-conservati	O-Operations	O-Control Room Ops	50-400/199701800
87-Non-conservati	M-Mechanical	M-Maint / Repair	50-400/199702200
87-Non-conservati	M-Mechanical	V-Troubleshooting	50-400/199702200
87-Non-conservati	G-Engineering	M-Maint / Repair	50-400/199702200
87-Non-conservati	G-Engineering	V-Troubleshooting	50-400/199702200
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