

1997 Human Factors Information System Report for Plant Docket 335

Combined IR/ER/LER Report
Docket: 50-335 ST LUCIE 1

Total Number of Hits in Date Range: 214
From 01/01/1997 to 12/31/1997
2x National Average: 213

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 3			
Percent of total: 1.4			
53-Communication LT	O-Operations	O-Control Room Ops	50-335/1997003
	O-Operations		
55-Communication Eq	O-Operations	B-Bal of Plant Ops	50-335/1997010
	O-Operations		
53-Communication LT	H-Health Physics	H-Health Physics	50-335/1997013
	H-Health Physics		
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 2			
Percent of total: .93			
53-Communication LT	I-Instrumentation & A-Administrative		50-335/199701100
53-Communication LT	I-Instrumentation & A-Administrative		50-335/199701100

Human-System Interface and Environm IR			
Number of items: 6			
Percent of total: 2.8			
61-Labels LTA	C-Chemistry	B-Bal of Plant Ops	50-335/1997001
61-Labels LTA	C-Chemistry	B-Bal of Plant Ops	50-335/1997001
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-335/1997001
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-335/1997003
75-Work area LTA	T-Training	Z-Other	50-335/1997013
61-Labels LTA	Z-Other	Z-Other	50-335/1997013

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: .47			
67-Function LTA (ac F-Fuel Handling)		R-Refueling	50-335/199701001

Management and Supervision IR			
Number of items: 30			
Percent of total: 14.02			
42-No action planne	O-Operations	U-Unknown	50-335/1996020
48-Audits or proble	Q-QA/QC	Z-Other	50-335/1997001
44-Corrective Actio	O-Operations	Z-Other	50-335/1997001
44-Corrective Actio	G-Engineering	Z-Other	50-335/1997001
47-Root Cause LTA	G-Engineering	T-Testing	50-335/1997001
33-Management expec	B-Plant Management	M-Maint / Repair	50-335/1997001
47-Root Cause LTA	G-Engineering	G-Design	50-335/1997003
32-Supervision / co	O-Operations	O-Control Room Ops	50-335/1997003
36-Scheduling and p	D-Emergency Plannin	A-Administrative	50-335/1997003

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 30			
Percent of Total: 14.02			
41-Action not begun	D-Emergency Plannin	D-Emergency Drill	50-335/1997003

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44-Corrective Actio	O-Operations	M-Maint / Repair	50-335/1997004
36-Scheduling and p	W-Work Control / Sc	T-Testing	50-335/1997005
36-Scheduling and p	W-Work Control / Sc	F-Modification	50-335/1997005
34-Perceived pressu	O-Operations	M-Maint / Repair	50-335/1997006
41-Action not begun	G-Engineering	G-Design	50-335/1997006
43-Operating Experi	G-Engineering	G-Design	50-335/1997006
44-Corrective Actio	B-Plant Management	A-Administrative	50-335/1997008
40-Individual Corre	I-Instrumentation &	Z-Other	50-335/1997010
41-Action not begun	G-Engineering	Z-Other	50-335/1997010
41-Action not begun	G-Engineering	Z-Other	50-335/1997010
48-Audits or proble	G-Engineering	Z-Other	50-335/1997010
40-Individual Corre	G-Engineering	Z-Other	50-335/1997010
41-Action not begun	G-Engineering	Z-Other	50-335/1997010
40-Individual Corre	G-Engineering	A-Administrative	50-335/1997011
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-335/1997011
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-335/1997011
36-Scheduling and p	W-Work Control / Sc	T-Testing	50-335/1997013
36-Scheduling and p	O-Operations	O-Control Room Ops	50-335/1997013
33-Management expec	T-Training	Z-Other	50-335/1997013
47-Root Cause LTA	Q-QA/QC	Z-Other	50-335/1997013

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: 11

Percent of total: 5.14

27-Excessive hours	O-Operations	M-Maint / Repair	50-335/1997003
21-Staffing LTA	O-Operations	O-Control Room Ops	50-335/1997003
28-Frequent use of	O-Operations	O-Control Room Ops	50-335/1997003
28-Frequent use of	O-Operations	O-Control Room Ops	50-335/1997004
26-OT controls / sc	O-Operations	O-Control Room Ops	50-335/1997004
21-Staffing LTA	O-Operations	M-Maint / Repair	50-335/1997006
21-Staffing LTA	O-Operations	Q-Fire Protection	50-335/1997006
21-Staffing LTA	P-Procedure Writers	P-Procedure Dev	50-335/1997010
26-OT controls / sc	O-Operations	B-Bal of Plant Ops	50-335/1997011
27-Excessive hours	O-Operations	O-Control Room Ops	50-335/1997011
26-OT controls / sc	G-Engineering	G-Design	50-335/1997011

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: 34

Percent of total: 15.89

13-Procedure has hu	G-Engineering	G-Design	50-335/1996201
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Details	Department	Work Type	Docket/Report
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Procedures and Reference Document IR

Number of items: 34

Percent of Total: 15.89

12-Procedure techni	G-Engineering	G-Design	50-335/1997001
12-Procedure techni	G-Engineering	G-Design	50-335/1997001
12-Procedure techni	G-Engineering	G-Design	50-335/1997001
12-Procedure techni	G-Engineering	G-Design	50-335/1997001
12-Procedure techni	G-Engineering	G-Design	50-335/1997001
12-Procedure techni	G-Engineering	G-Design	50-335/1997001
12-Procedure techni	G-Engineering	G-Design	50-335/1997001
11-No procedure / r	G-Engineering	G-Design	50-335/1997001
12-Procedure techni	G-Engineering	G-Design	50-335/1997001
11-No procedure / r	G-Engineering	G-Design	50-335/1997001
12-Procedure techni	G-Engineering	G-Design	50-335/1997003
12-Procedure techni	G-Engineering	F-Modification	50-335/1997003

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11-No procedure / r	G-Engineering	G-Design	50-335/1997003
12-Procedure techni	G-Engineering	G-Design	50-335/1997003
12-Procedure techni	G-Engineering	G-Design	50-335/1997005
11-No procedure / r	G-Engineering	G-Design	50-335/1997006
11-No procedure / r	G-Engineering	G-Design	50-335/1997006
12-Procedure techni	G-Engineering	G-Design	50-335/1997006
11-No procedure / r	G-Engineering	G-Design	50-335/1997006
12-Procedure techni	G-Engineering	G-Design	50-335/1997006
12-Procedure techni	G-Engineering	G-Design	50-335/1997010
12-Procedure techni	G-Engineering	G-Design	50-335/1997010
12-Procedure techni	G-Engineering	G-Design	50-335/1997011
12-Procedure techni	T-Training	Z-Other	50-335/1997011
12-Procedure techni	T-Training	Z-Other	50-335/1997011
13-Procedure has hu	G-Engineering	G-Design	50-335/1997011
11-No procedure / r	G-Engineering	G-Design	50-335/1997011
13-Procedure has hu	G-Engineering	G-Design	50-335/1997013
11-No procedure / r	G-Engineering	G-Design	50-335/1997013
12-Procedure techni	G-Engineering	P-Procedure Dev	50-335/1997013
11-No procedure / r	H-Health Physics	H-Health Physics	50-335/1997013
12-Procedure techni	G-Engineering	G-Design	50-335/1997300
13-Procedure has hu	G-Engineering	G-Design	50-335/1997301

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: 1.87

13-Procedure has hu	O-Operations	O-Control Room Ops	50-335/199700500
13-Procedure has hu	E-Electrical	A-Administrative	50-335/199700600
13-Procedure has hu	E-Electrical	T-Testing	50-335/199700600
13-Procedure has hu	A-Administrative Su	T-Testing	50-335/199700800

Training IR

Number of items: 22

Percent of total: 10.28

03-Training process	H-Health Physics	U-Unknown	50-335/1996020
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Training IR

Number of items: 22

Percent of Total: 10.28

02-Training LTA	O-Operations	B-Bal of Plant Ops	50-335/1997003
05-Individual knowl	O-Operations	O-Control Room Ops	50-335/1997003
02-Training LTA	T-Training	O-Control Room Ops	50-335/1997003
02-Training LTA	T-Training	M-Maint / Repair	50-335/1997004
01-No Training	O-Operations	O-Control Room Ops	50-335/1997004
02-Training LTA	T-Training	K-Housekeeping	50-335/1997004
05-Individual knowl	O-Operations	B-Bal of Plant Ops	50-335/1997005
01-No Training	T-Training	F-Modification	50-335/1997005
02-Training LTA	T-Training	M-Maint / Repair	50-335/1997006
05-Individual knowl	C-Chemistry	Z-Other	50-335/1997006
02-Training LTA	T-Training	C-Calibration	50-335/1997006
02-Training LTA	T-Training	K-Housekeeping	50-335/1997011
03-Training process	T-Training	A-Administrative	50-335/1997011
05-Individual knowl	T-Training	Z-Other	50-335/1997011
04-Task Qualificati	T-Training	Z-Other	50-335/1997011
03-Training process	T-Training	Z-Other	50-335/1997011
03-Training process	T-Training	Q-Fire Protection	50-335/1997011
05-Individual knowl	M-Mechanical	H-Health Physics	50-335/1997013
05-Individual knowl	H-Health Physics	H-Health Physics	50-335/1997013
06-Simulator fideli	T-Training	Z-Other	50-335/1997300
02-Training LTA	T-Training	Z-Other	50-335/1997301

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: 100

Percent of total: 46.73

87-Non-conservati	O-Operations	U-Unknown	50-335/1996020
87-Non-conservati	G-Engineering	U-Unknown	50-335/1996020
83-Work practice or	W-Work Control / Sc	M-Maint / Repair	50-335/1997001
92-Self check LTA	O-Operations	M-Maint / Repair	50-335/1997001
91-Verification / p	O-Operations	M-Maint / Repair	50-335/1997001
92-Self check LTA	I-Instrumentation &	M-Maint / Repair	50-335/1997001
91-Verification / p	O-Operations	M-Maint / Repair	50-335/1997001
83-Work practice or	G-Engineering	A-Administrative	50-335/1997001
89-Housekeeping LTA	C-Chemistry	B-Bal of Plant Ops	50-335/1997001
83-Work practice or	G-Engineering	G-Design	50-335/1997001
83-Work practice or	T-Training	Z-Other	50-335/1997001
93-Awareness or att	G-Engineering	G-Design	50-335/1997001
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-335/1997001
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-335/1997001
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-335/1997001
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-335/1997001
83-Work practice or	W-Work Control / Sc	M-Maint / Repair	50-335/1997001

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Details	Department	Work Type	Docket/Report
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Work Factors IR

Number of items: 100

Percent of Total: 46.73

81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-335/1997001
83-Work practice or	W-Work Control / Sc	M-Maint / Repair	50-335/1997001
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-335/1997001
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-335/1997001
86-Work untimely	G-Engineering	R-Refueling	50-335/1997001
83-Work practice or	G-Engineering	G-Design	50-335/1997001
83-Work practice or	G-Engineering	A-Administrative	50-335/1997001
83-Work practice or	H-Health Physics	A-Administrative	50-335/1997001
83-Work practice or	Z-Other	A-Administrative	50-335/1997001
83-Work practice or	O-Operations	M-Maint / Repair	50-335/1997003
93-Awareness or att	O-Operations	M-Maint / Repair	50-335/1997003
93-Awareness or att	O-Operations	M-Maint / Repair	50-335/1997003
83-Work practice or	O-Operations	M-Maint / Repair	50-335/1997003
83-Work practice or	E-Electrical	M-Maint / Repair	50-335/1997003
83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-335/1997003
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-335/1997003
88-Tag outs LTA	E-Electrical	M-Maint / Repair	50-335/1997004
83-Work practice or	W-Work Control / Sc	M-Maint / Repair	50-335/1997004
83-Work practice or	E-Electrical	M-Maint / Repair	50-335/1997004
85-Team interaction	E-Electrical	M-Maint / Repair	50-335/1997004
88-Tag outs LTA	E-Electrical	M-Maint / Repair	50-335/1997004
83-Work practice or	E-Electrical	M-Maint / Repair	50-335/1997004
83-Work practice or	G-Engineering	M-Maint / Repair	50-335/1997004
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-335/1997004
83-Work practice or	M-Mechanical	M-Maint / Repair	50-335/1997004
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-335/1997005
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-335/1997005
84-Non-conserv. dec	G-Engineering	F-Modification	50-335/1997005
83-Work practice or	B-Plant Management	A-Administrative	50-335/1997005
83-Work practice or	G-Engineering	A-Administrative	50-335/1997005
82-Briefing, prep.	O-Operations	T-Testing	50-335/1997005
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-335/1997005
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-335/1997005
83-Work practice or	G-Engineering	A-Administrative	50-335/1997005
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-335/1997006
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-335/1997006
81-Work Package Qua	W-Work Control / Sc	V-Troubleshooting	50-335/1997006
83-Work practice or	G-Engineering	F-Modification	50-335/1997006
84-Non-conserv. dec	C-Chemistry	Z-Other	50-335/1997006
91-Verification / p	H-Health Physics	H-Health Physics	50-335/1997006
83-Work practice or	O-Operations	P-Procedure Dev	50-335/1997006
87-Non-conservati	O-Operations	P-Procedure Dev	50-335/1997006
81-Work Package Qua	G-Engineering	F-Modification	50-335/1997006
81-Work Package Qua	B-Plant Management	A-Administrative	50-335/1997008
83-Work practice or	A-Administrative Su	P-Procedure Dev	50-335/1997010
83-Work practice or	P-Procedure Writers	P-Procedure Dev	50-335/1997010
84-Non-conserv. dec	O-Operations	A-Administrative	50-335/1997010
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-335/1997010

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83-Work practice or P-Procedure Writers P-Procedure Dev 50-335/1997010
 93-Awareness or att M-Mechanical K-Housekeeping 50-335/1997010
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Work Factors IR			
Number of items: 100			
Percent of Total: 46.73			
83-Work practice or	O-Operations	A-Administrative	50-335/1997010
84-Non-conserv. dec	O-Operations	A-Administrative	50-335/1997011
89-Housekeeping LTA	Z-Other	K-Housekeeping	50-335/1997011
83-Work practice or	T-Training	Z-Other	50-335/1997011
84-Non-conserv. dec	T-Training	Z-Other	50-335/1997011
83-Work practice or	Q-QA/QC	M-Maint / Repair	50-335/1997011
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-335/1997011
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-335/1997011
83-Work practice or	W-Work Control / Sc	A-Administrative	50-335/1997011
83-Work practice or	Q-QA/QC	A-Administrative	50-335/1997011
83-Work practice or	G-Engineering	G-Design	50-335/1997011
83-Work practice or	G-Engineering	A-Administrative	50-335/1997011
83-Work practice or	G-Engineering	G-Design	50-335/1997011
83-Work practice or	G-Engineering	G-Design	50-335/1997011
83-Work practice or	G-Engineering	A-Administrative	50-335/1997011
83-Work practice or	G-Engineering	G-Design	50-335/1997011
86-Work untimely	G-Engineering	G-Design	50-335/1997011
83-Work practice or	G-Engineering	T-Testing	50-335/1997011
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-335/1997011
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-335/1997011
86-Work untimely	O-Operations	Q-Fire Protection	50-335/1997011
81-Work Package Qua	T-Training	Z-Other	50-335/1997013
93-Awareness or att	O-Operations	Z-Other	50-335/1997013
91-Verification / p	O-Operations	Z-Other	50-335/1997013
83-Work practice or	Q-QA/QC	M-Maint / Repair	50-335/1997013
83-Work practice or	Q-QA/QC	M-Maint / Repair	50-335/1997013
83-Work practice or	Z-Other	A-Administrative	50-335/1997013
83-Work practice or	M-Mechanical	H-Health Physics	50-335/1997013
93-Awareness or att	M-Mechanical	H-Health Physics	50-335/1997013
83-Work practice or	H-Health Physics	H-Health Physics	50-335/1997013
83-Work practice or	H-Health Physics	H-Health Physics	50-335/1997013
81-Work Package Qua	T-Training	Z-Other	50-335/1997301
91-Verification / p	T-Training	Z-Other	50-335/1997301

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

Work Factors LER
 Number of items: 1
 Percent of total: .47
 83-Work practice or F-Fuel Handling R-Refueling 50-335/199701001
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