

# 1998 Human Factors Information System Report for Plant Docket 389

Combined IR/ER/LER Report  
Docket: 50-389 ST LUCIE 2

Total Number of Hits in Date Range: 96  
From 01/01/1998 to 12/31/1998  
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 6			
Percent of total: 6.25			
51-Misunderstood /	O-Operations	S-Surveillance	50-389/1998003
	O-Operations		
51-Misunderstood /	I-Instrumentation &	S-Surveillance	50-389/1998003
	I-Instrumentation &		
53-Communication LT	O-Operations	O-Control Room Ops	50-389/1998003
	O-Operations		
52-Communication un	G-Engineering	A-Administrative	50-389/1998007
	G-Engineering		
53-Communication LT	O-Operations	O-Control Room Ops	50-389/1998008
	U-Unknown		
51-Misunderstood /	O-Operations	Q-Fire Protection	50-389/1998009
	O-Operations		

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: 3  
Percent of total: 3.13

61-Labels LTA	C-Chemistry	B-Bal of Plant Ops	50-389/1998003
64-Placement or loc	C-Chemistry	B-Bal of Plant Ops	50-389/1998003
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-389/1998008

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: 19  
Percent of total: 19.79

32-Supervision / co	O-Operations	O-Control Room Ops	50-389/1998003
32-Supervision / co	O-Operations	O-Control Room Ops	50-389/1998003
32-Supervision / co	O-Operations	V-Troubleshooting	50-389/1998003
32-Supervision / co	O-Operations	O-Control Room Ops	50-389/1998003
40-Individual Corre	O-Operations	Z-Other	50-389/1998006
41-Action not begun	O-Operations	Z-Other	50-389/1998006
44-Corrective Actio	O-Operations	Z-Other	50-389/1998006
44-Corrective Actio	O-Operations	Z-Other	50-389/1998006
44-Corrective Actio	O-Operations	Z-Other	50-389/1998006

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Management and Supervision IR			
Number of items: 19			
Percent of Total: 19.79			
43-Operating Experi	O-Operations	Z-Other	50-389/1998006
41-Action not begun	O-Operations	Z-Other	50-389/1998006

44-Corrective Actio	O-Operations	Z-Other	50-389/1998006
47-Root Cause LTA	O-Operations	Z-Other	50-389/1998006
47-Root Cause LTA	O-Operations	Z-Other	50-389/1998006
43-Operating Experi	G-Engineering	G-Design	50-389/1998007
44-Corrective Actio	G-Engineering	Z-Other	50-389/1998009
40-Individual Corre	U-Unknown	Z-Other	50-389/1998009
40-Individual Corre	U-Unknown	Z-Other	50-389/1998009
40-Individual Corre	C-Chemistry	Z-Other	50-389/1998009

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

Management and Supervision LER  
 Number of items: 1  
 Percent of total: 1.04

36-Scheduling and p	W-Work Control / Sc	F-Modification	50-389/199800100
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Organizational Issues IR  
 Number of items: 2  
 Percent of total: 2.08

27-Excessive hours	O-Operations	M-Maint / Repair	50-389/1997014
27-Excessive hours	G-Engineering	O-Control Room Ops	50-389/1998008

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: 17  
 Percent of total: 17.71

12-Procedure techni	G-Engineering	G-Design	50-389/1998002
12-Procedure techni	G-Engineering	G-Design	50-389/1998002
13-Procedure has hu	E-Electrical	M-Maint / Repair	50-389/1998006
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-389/1998006
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-389/1998006
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-389/1998006
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-389/1998006
12-Procedure techni	G-Engineering	G-Design	50-389/1998006
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-389/1998007
13-Procedure has hu	M-Mechanical	M-Maint / Repair	50-389/1998007
12-Procedure techni	G-Engineering	G-Design	50-389/1998007
13-Procedure has hu	G-Engineering	G-Design	50-389/1998007
11-No procedure / r	G-Engineering	G-Design	50-389/1998007

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Procedures and Reference Document IR  
 Number of items: 17  
 Percent of Total: 17.71

12-Procedure techni	G-Engineering	G-Design	50-389/1998007
13-Procedure has hu	Z-Other	Z-Other	50-389/1998007
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-389/1998008
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-389/1998009

Procedures and Reference Document ER  
 Number of items: 2  
 Percent of total: 2.08

13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-389/1998301
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-389/1998301

Procedures and Reference Document LER  
 Number of items: 3  
 Percent of total: 3.13

12-Procedure techni	G-Engineering	F-Modification	50-389/199800100
12-Procedure techni	G-Engineering	P-Procedure Dev	50-389/199800200
12-Procedure techni	G-Engineering	P-Procedure Dev	50-389/199800200

Training IR  
 Number of items: 6

Percent of total: 6.25

02-Training LTA	I-Instrumentation & V-Troubleshooting		50-389/1998002
04-Task Qualificati	I-Instrumentation & M-Maint / Repair		50-389/1998002
02-Training LTA	T-Training	Z-Other	50-389/1998003
03-Training process	T-Training	Z-Other	50-389/1998006
02-Training LTA	T-Training	B-Bal of Plant Ops	50-389/1998007
02-Training LTA	T-Training	A-Administrative	50-389/1998007

Training ER

Number of items: 5

Percent of total: 5.21

03-Training process	T-Training	A-Administrative	50-389/1998301
02-Training LTA	T-Training	Z-Other	50-389/1998301
05-Individual knowl	O-Operations	Z-Other	50-389/1998301
05-Individual knowl	O-Operations	Z-Other	50-389/1998301
02-Training LTA	T-Training	Z-Other	50-389/1998301

Training LER

Number of items: 0

Percent of total: 0

Work Factors IR

Number of items: 27

Percent of total: 28.13

89-Housekeeping LTA	M-Mechanical	M-Maint / Repair	50-389/1997014
89-Housekeeping LTA	M-Mechanical	M-Maint / Repair	50-389/1997014
93-Awareness or att	O-Operations	A-Administrative	50-389/1997014
93-Awareness or att	G-Engineering	P-Procedure Dev	50-389/1997014
83-Work practice or	G-Engineering	G-Design	50-389/1997014
83-Work practice or	O-Operations	O-Control Room Ops	50-389/1998003

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Work Factors IR

Number of items: 27

Percent of Total: 28.13

83-Work practice or	O-Operations	O-Control Room Ops	50-389/1998003
88-Tag outs LTA	M-Mechanical	M-Maint / Repair	50-389/1998003
88-Tag outs LTA	M-Mechanical	M-Maint / Repair	50-389/1998003
88-Tag outs LTA	M-Mechanical	M-Maint / Repair	50-389/1998003
93-Awareness or att	Z-Other	Z-Other	50-389/1998003
93-Awareness or att	Z-Other	Z-Other	50-389/1998003
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-389/1998006
83-Work practice or	G-Engineering	G-Design	50-389/1998006
83-Work practice or	G-Engineering	G-Design	50-389/1998006
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-389/1998006
81-Work Package Qua	G-Engineering	G-Design	50-389/1998007
81-Work Package Qua	G-Engineering	F-Modification	50-389/1998007
83-Work practice or	A-Administrative Su	A-Administrative	50-389/1998008
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-389/1998008
89-Housekeeping LTA	O-Operations	K-Housekeeping	50-389/1998008
85-Team interaction	O-Operations	Z-Other	50-389/1998008
85-Team interaction	G-Engineering	Z-Other	50-389/1998008
85-Team interaction	M-Mechanical	Z-Other	50-389/1998008
92-Self check LTA	I-Instrumentation &	C-Calibration	50-389/1998008
92-Self check LTA	O-Operations	M-Maint / Repair	50-389/1998009
91-Verification / p	O-Operations	M-Maint / Repair	50-389/1998009

Work Factors ER

Number of items: 4

Percent of total: 4.17

93-Awareness or att	T-Training	Z-Other	50-389/1998301
93-Awareness or att	T-Training	Z-Other	50-389/1998301
81-Work Package Qua	T-Training	Z-Other	50-389/1998301
91-Verification / p	O-Operations	Z-Other	50-389/1998301

Work Factors LER

Number of items: 1

Percent of total: 1.04

93-Awareness or att	Z-Other	A-Administrative	50-389/199800400
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