

1999 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: 146
From 01/01/1999 to 12/31/1999
2x National Average: 226

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 7			
Percent of total: 4.79			
53-Communication LT	E-Electrical	V-Troubleshooting	50-389/1998012
	E-Electrical		
53-Communication LT	O-Operations	Z-Other	50-389/1999001
	O-Operations		
53-Communication LT	G-Engineering	Z-Other	50-389/1999001
	G-Engineering		
53-Communication LT	C-Chemistry	Z-Other	50-389/1999001
	C-Chemistry		
54-No communication	Z-Other	Z-Other	50-389/1999003
	Z-Other		
54-No communication	Z-Other	Z-Other	50-389/1999003
	Z-Other		
55-Communication Eq	Z-Other	Z-Other	50-389/1999010
	Z-Other		

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: 0
Percent of total: 0

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: 22
Percent of total: 15.07

40-Individual Corre	O-Operations	Z-Other	50-389/1999001
40-Individual Corre	O-Operations	A-Administrative	50-389/1999001
40-Individual Corre	O-Operations	A-Administrative	50-389/1999001
40-Individual Corre	O-Operations	A-Administrative	50-389/1999001
36-Scheduling and p	I-Instrumentation &	V-Troubleshooting	50-389/1999001
32-Supervision / co	I-Instrumentation &	V-Troubleshooting	50-389/1999001
40-Individual Corre	G-Engineering	A-Administrative	50-389/1999001
40-Individual Corre	G-Engineering	A-Administrative	50-389/1999001
40-Individual Corre	G-Engineering	A-Administrative	50-389/1999001
40-Individual Corre	G-Engineering	A-Administrative	50-389/1999001

Page: 1 Date:03/17/2000

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

Total Number of Hits in Date Range: 146
From 01/01/1999 to 12/31/1999
2x National Average: 226

Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 22			
Percent of Total: 15.07			
40-Individual Corre	G-Engineering	A-Administrative	50-389/1999001
42-No action planne	O-Operations	Z-Other	50-389/1999005

40-Individual Corre	O-Operations	Z-Other	50-389/1999005
34-Perceived pressu	O-Operations	M-Maint / Repair	50-389/1999005
40-Individual Corre	O-Operations	Z-Other	50-389/1999005
40-Individual Corre	G-Engineering	Z-Other	50-389/1999005
47-Root Cause LTA	T-Training	Z-Other	50-389/1999009
42-No action planne	T-Training	Z-Other	50-389/1999009
47-Root Cause LTA	T-Training	Z-Other	50-389/1999009
33-Management expec	Z-Other	Z-Other	50-389/1999010
40-Individual Corre	Z-Other	Z-Other	50-389/1999010
40-Individual Corre	Z-Other	Z-Other	50-389/1999010

Management and Supervision ER

Number of items: 0
Percent of total: 0

Management and Supervision LER

Number of items: 1
Percent of total: .68

32-Supervision / co	O-Operations	O-Control Room Ops	50-389/199900800
---------------------	--------------	--------------------	------------------

Organizational Issues IR

Number of items: 1
Percent of total: .68

22-Poor Task Alloca	Z-Other	Z-Other	50-389/1999010
---------------------	---------	---------	----------------

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: 13
Percent of total: 8.9

13-Procedure has hu	H-Health Physics	P-Procedure Dev	50-389/1998011
13-Procedure has hu	G-Engineering	G-Design	50-389/1998012
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-389/1999002
13-Procedure has hu	P-Procedure Writers	R-Refueling	50-389/1999003
12-Procedure techni	A-Administrative Su	P-Procedure Dev	50-389/1999003
11-No procedure / r	G-Engineering	G-Design	50-389/1999003
11-No procedure / r	G-Engineering	G-Design	50-389/1999003
12-Procedure techni	G-Engineering	G-Design	50-389/1999003
12-Procedure techni	O-Operations	O-Control Room Ops	50-389/1999005
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-389/1999005
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-389/1999005
11-No procedure / r	T-Training	Z-Other	50-389/1999009

Page: 2 Date:03/17/2000

Combined IR/ER/LER Report

Docket: 50-389 ST LUCIE 2

Total Number of Hits in Date Range: 146

From 01/01/1999 to 12/31/1999

2x National Average: 226

Details	Department	Work Type	Docket/Report
---------	------------	-----------	---------------

Procedures and Reference Document IR

Number of items: 13
Percent of Total: 8.9

13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-389/1999009
---------------------	---------------------	-----------------	----------------

Procedures and Reference Document ER

Number of items: 6
Percent of total: 4.11

13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-389/1998002
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-389/1998002
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-389/1998002
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-389/1998002
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-389/1998002
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-389/1998002

Procedures and Reference Document LER

Number of items: 5
Percent of total: 3.42

12-Procedure techni	I-Instrumentation &	S-Surveillance	50-389/199900100
12-Procedure techni	M-Mechanical	S-Surveillance	50-389/199900200
12-Procedure techni	I-Instrumentation &	V-Troubleshooting	50-389/199900500
11-No procedure / r	O-Operations	T-Testing	50-389/199900700
14-Document develop	I-Instrumentation &	T-Testing	50-389/199900800

Training IR

Number of items: 16

Percent of total: 10.96

05-Individual knowl	O-Operations	O-Control Room Ops	50-389/1998011
05-Individual knowl	O-Operations	O-Control Room Ops	50-389/1998011
03-Training process	T-Training	Z-Other	50-389/1999009
03-Training process	T-Training	Z-Other	50-389/1999009
03-Training process	T-Training	Z-Other	50-389/1999009
03-Training process	T-Training	T-Testing	50-389/1999009
01-No Training	T-Training	Z-Other	50-389/1999009
03-Training process	T-Training	Z-Other	50-389/1999009
03-Training process	T-Training	Z-Other	50-389/1999009
03-Training process	T-Training	Z-Other	50-389/1999009
03-Training process	T-Training	Z-Other	50-389/1999009
03-Training process	T-Training	Z-Other	50-389/1999009
03-Training process	T-Training	Z-Other	50-389/1999009
03-Training process	T-Training	Z-Other	50-389/1999009
03-Training process	T-Training	Z-Other	50-389/1999009
03-Training process	T-Training	Z-Other	50-389/1999009
03-Training process	T-Training	Z-Other	50-389/1999009

Training ER

Number of items: 9

Percent of total: 6.16

05-Individual knowl	O-Operations	Z-Other	50-389/1998002
05-Individual knowl	O-Operations	Z-Other	50-389/1998002
05-Individual knowl	O-Operations	Z-Other	50-389/1998002
05-Individual knowl	O-Operations	Z-Other	50-389/1998002
05-Individual knowl	O-Operations	Z-Other	50-389/1998002
05-Individual knowl	O-Operations	Z-Other	50-389/1998002

Page: 3 Date:03/17/2000

Combined IR/ER/LER Report

Docket: 50-389 ST LUCIE 2

Total Number of Hits in Date Range: 146

From 01/01/1999 to 12/31/1999

2x National Average: 226

Details	Department	Work Type	Docket/Report
---------	------------	-----------	---------------

Training ER

Number of items: 9

Percent of Total: 6.16

05-Individual knowl	O-Operations	Z-Other	50-389/1998002
05-Individual knowl	O-Operations	Z-Other	50-389/1998002
02-Training LTA	T-Training	Z-Other	50-389/1998002

Training LER

Number of items: 3

Percent of total: 2.05

02-Training LTA	M-Mechanical	S-Surveillance	50-389/199900200
05-Individual knowl	O-Operations	O-Control Room Ops	50-389/199900600
05-Individual knowl	O-Operations	O-Control Room Ops	50-389/199900700

Work Factors IR

Number of items: 51

Percent of total: 34.93

93-Awareness or att	H-Health Physics	H-Health Physics	50-389/1998011
93-Awareness or att	H-Health Physics	A-Administrative	50-389/1998011
93-Awareness or att	H-Health Physics	A-Administrative	50-389/1998011
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-389/1998012
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-389/1998012
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-389/1998012
83-Work practice or	G-Engineering	G-Design	50-389/1998012
83-Work practice or	G-Engineering	G-Design	50-389/1998012
83-Work practice or	G-Engineering	G-Design	50-389/1998012
83-Work practice or	G-Engineering	G-Design	50-389/1998012
83-Work practice or	G-Engineering	G-Design	50-389/1998012
93-Awareness or att	P-Procedure Writers	P-Procedure Dev	50-389/1998012
93-Awareness or att	C-Chemistry	B-Bal of Plant Ops	50-389/1998012
93-Awareness or att	O-Operations	O-Control Room Ops	50-389/1999001
93-Awareness or att	O-Operations	O-Control Room Ops	50-389/1999001
93-Awareness or att	O-Operations	O-Control Room Ops	50-389/1999001
83-Work practice or	I-Instrumentation &	A-Administrative	50-389/1999001
93-Awareness or att	O-Operations	Z-Other	50-389/1999001
91-Verification / p	O-Operations	Z-Other	50-389/1999001
91-Verification / p	G-Engineering	Z-Other	50-389/1999001
83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-389/1999001
83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-389/1999001
85-Team interaction	M-Mechanical	M-Maint / Repair	50-389/1999001
85-Team interaction	Z-Other	M-Maint / Repair	50-389/1999001

Human Factors Information System Report

83-Work practice or	C-Chemistry	B-Bal of Plant Ops	50-389/1999001
93-Awareness or att	T-Training	A-Administrative	50-389/1999001
83-Work practice or	C-Chemistry	H-Health Physics	50-389/1999001
85-Team interaction	O-Operations	V-Troubleshooting	50-389/1999002
85-Team interaction	G-Engineering	V-Troubleshooting	50-389/1999002
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-389/1999003
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-389/1999003
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-389/1999003
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-389/1999003
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-389/1999003
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-389/1999005
84-Non-conserv. dec	G-Engineering	M-Maint / Repair	50-389/1999005

Page: 4 Date:03/17/2000

Combined IR/ER/LER Report

Docket: 50-389 ST LUCIE 2

Total Number of Hits in Date Range: 146

From 01/01/1999 to 12/31/1999

2x National Average: 226

Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 51			
Percent of Total: 34.93			
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-389/1999005
83-Work practice or	T-Training	A-Administrative	50-389/1999009
83-Work practice or	T-Training	Z-Other	50-389/1999009
83-Work practice or	T-Training	Z-Other	50-389/1999009
86-Work untimely	T-Training	A-Administrative	50-389/1999009
93-Awareness or att	T-Training	Z-Other	50-389/1999009
84-Non-conserv. dec	T-Training	Z-Other	50-389/1999009
84-Non-conserv. dec	T-Training	Z-Other	50-389/1999009
81-Work Package Qua	T-Training	Z-Other	50-389/1999009
81-Work Package Qua	T-Training	Z-Other	50-389/1999009
93-Awareness or att	T-Training	A-Administrative	50-389/1999009
84-Non-conserv. dec	Z-Other	Z-Other	50-389/1999010
93-Awareness or att	Z-Other	Z-Other	50-389/1999010
93-Awareness or att	Z-Other	Z-Other	50-389/1999010
93-Awareness or att	Z-Other	P-Procedure Dev	50-389/1999010

Work Factors ER

Number of items: 3

Percent of total: 2.05

83-Work practice or	T-Training	Z-Other	50-389/1998002
83-Work practice or	T-Training	Z-Other	50-389/1998002
83-Work practice or	T-Training	Z-Other	50-389/1998002

Work Factors LER

Number of items: 9

Percent of total: 6.16

92-Self check LTA	O-Operations	O-Control Room Ops	50-389/199900600
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-389/199900600
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-389/199900600
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-389/199900700
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-389/199900700
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-389/199900700
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-389/199900700
92-Self check LTA	O-Operations	O-Control Room Ops	50-389/199900700
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-389/199900800

Page: 5 Date:03/17/2000

[End of File for Plant Docket 389 (1999)]