

1999 Human Factors Information System Report for Plant Docket 311

Combined IR/ER/LER Report
Docket: 50-311 SALEM 2

Total Number of Hits in Date Range: 129
From 01/01/1999 to 12/31/1999
2x National Average: 226

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 8			
Percent of total: 6.2			
53-Communication LT	O-Operations	M-Maint / Repair	50-311/1999002
	O-Operations		
52-Communication un	O-Operations	A-Administrative	50-311/1999004
	O-Operations		
54-No communication	O-Operations	A-Administrative	50-311/1999007
	O-Operations		
54-No communication	W-Work Control / Sc	A-Administrative	50-311/1999007
	W-Work Control / Sc		
51-Misunderstood /	D-Emergency Plannin	D-Emergency Drill	50-311/1999007
	D-Emergency Plannin		
53-Communication LT	D-Emergency Plannin	Z-Other	50-311/9990009
	D-Emergency Plannin		
53-Communication LT	D-Emergency Plannin	Z-Other	50-311/9990009
	D-Emergency Plannin		
53-Communication LT	A-Administrative Su	A-Administrative	50-311/9990009
	A-Administrative Su		

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: 29			
Percent of total: 22.48			
32-Supervision / co	O-Operations	O-Control Room Ops	50-311/1998012
48-Audits or proble	Q-QA/QC	Z-Other	50-311/1998012
32-Supervision / co	M-Mechanical	T-Testing	50-311/1998012
32-Supervision / co	G-Engineering	T-Testing	50-311/1998012
40-Individual Corre	O-Operations	Z-Other	50-311/1999001
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-311/1999001
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-311/1999001
40-Individual Corre	W-Work Control / Sc	Z-Other	50-311/1999001

Page: 1 Date:03/17/2000

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 29			
Percent of Total: 22.48			
40-Individual Corre	G-Engineering	Z-Other	50-311/1999001
47-Root Cause LTA	G-Engineering	Z-Other	50-311/1999001

Human Factors Information System Report

44-Corrective Actio	G-Engineering	Z-Other	50-311/1999001
41-Action not begun	G-Engineering	Z-Other	50-311/1999001
32-Supervision / co	G-Engineering	Z-Other	50-311/1999001
41-Action not begun	G-Engineering	Z-Other	50-311/1999001
41-Action not begun	G-Engineering	Z-Other	50-311/1999001
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-311/1999002
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-311/1999002
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-311/1999003
44-Corrective Actio	O-Operations	Z-Other	50-311/1999003
41-Action not begun	O-Operations	Z-Other	50-311/1999003
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-311/1999003
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-311/1999004
32-Supervision / co	O-Operations	S-Surveillance	50-311/1999004
41-Action not begun	O-Operations	Z-Other	50-311/1999007
42-No action planne	G-Engineering	Z-Other	50-311/1999008
36-Scheduling and p	W-Work Control / Sc	S-Surveillance	50-311/9990009
40-Individual Corre	D-Emergency Plannin	D-Emergency Drill	50-311/9990009
47-Root Cause LTA	D-Emergency Plannin	D-Emergency Drill	50-311/9990009
48-Audits or proble	D-Emergency Plannin	D-Emergency Drill	50-311/9990009

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: .78

22-Poor Task Alloca O-Operations O-Control Room Ops 50-311/1998012

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: 7

Percent of total: 5.43

12-Procedure techni P-Procedure Writers P-Procedure Dev 50-311/1998012

12-Procedure techni P-Procedure Writers P-Procedure Dev 50-311/1998012

13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-311/1999001

13-Procedure has hu G-Engineering G-Design 50-311/1999001

Page: 2 Date:03/17/2000

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Procedures and Reference Document IR

Number of items: 7

Percent of Total: 5.43

12-Procedure techni P-Procedure Writers P-Procedure Dev 50-311/1999004

13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-311/1999007

11-No procedure / r D-Emergency Plannin D-Emergency Drill 50-311/9990009

Procedures and Reference Document ER

Number of items: 0

Percent of total: 0

Procedures and Reference Document LER

Number of items: 3

Percent of total: 2.33

12-Procedure techni O-Operations B-Bal of Plant Ops 50-311/199900300

12-Procedure techni M-Mechanical R-Refueling 50-311/199900400

13-Procedure has hu O-Operations B-Bal of Plant Ops 50-311/199900500

Training IR

Number of items: 4

Percent of total: 3.1

05-Individual knowl O-Operations O-Control Room Ops 50-311/1998012

05-Individual knowl O-Operations O-Control Room Ops 50-311/1998012

Human Factors System Report

02-Training LTA	T-Training	Z-Other	50-311/1999007
05-Individual knowl	Z-Other	Z-Other	50-311/1999007

Training ER

Number of items: 2
Percent of total: 1.55

02-Training LTA	T-Training	Z-Other	50-311/1999301
02-Training LTA	T-Training	Z-Other	50-311/1999301

Training LER

Number of items: 0
Percent of total: 0

Work Factors IR

Number of items: 61
Percent of total: 47.29

82-Briefing, prep.	O-Operations	O-Control Room Ops	50-311/1998012
86-Work untimely	O-Operations	O-Control Room Ops	50-311/1998012
83-Work practice or	O-Operations	A-Administrative	50-311/1998012
83-Work practice or	O-Operations	A-Administrative	50-311/1998012
85-Team interaction	O-Operations	T-Testing	50-311/1998012
85-Team interaction	E-Electrical	T-Testing	50-311/1998012
83-Work practice or	E-Electrical	T-Testing	50-311/1998012
93-Awareness or att	T-Training	Z-Other	50-311/1998301
93-Awareness or att	T-Training	Z-Other	50-311/1998301
86-Work untimely	O-Operations	V-Troubleshooting	50-311/1999001
88-Tag outs LTA	O-Operations	B-Bal of Plant Ops	50-311/1999001
93-Awareness or att	G-Engineering	M-Maint / Repair	50-311/1999001
85-Team interaction	M-Mechanical	M-Maint / Repair	50-311/1999001
85-Team interaction	W-Work Control / Sc	M-Maint / Repair	50-311/1999001

Page: 3 Date:03/17/2000

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Work Factors IR

Number of items: 61
Percent of Total: 47.29

84-Non-conserv. dec	G-Engineering	Z-Other	50-311/1999001
84-Non-conserv. dec	G-Engineering	Z-Other	50-311/1999001
84-Non-conserv. dec	G-Engineering	Z-Other	50-311/1999001
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-311/1999001
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-311/1999001
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-311/1999001
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-311/1999001
93-Awareness or att	G-Engineering	A-Administrative	50-311/1999001
93-Awareness or att	G-Engineering	A-Administrative	50-311/1999001
85-Team interaction	O-Operations	M-Maint / Repair	50-311/1999002
85-Team interaction	M-Mechanical	M-Maint / Repair	50-311/1999002
94-Log-keeping or r	O-Operations	V-Troubleshooting	50-311/1999002
84-Non-conserv. dec	O-Operations	Q-Fire Protection	50-311/1999002
83-Work practice or	W-Work Control / Sc	M-Maint / Repair	50-311/1999003
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-311/1999003
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-311/1999003
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-311/1999003
83-Work practice or	M-Mechanical	M-Maint / Repair	50-311/1999004
83-Work practice or	M-Mechanical	M-Maint / Repair	50-311/1999004
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-311/1999004
93-Awareness or att	E-Electrical	M-Maint / Repair	50-311/1999004
93-Awareness or att	E-Electrical	M-Maint / Repair	50-311/1999004
86-Work untimely	G-Engineering	P-Procedure Dev	50-311/1999004
93-Awareness or att	W-Work Control / Sc	C-Calibration	50-311/1999004
83-Work practice or	U-Unknown	H-Health Physics	50-311/1999004
83-Work practice or	U-Unknown	H-Health Physics	50-311/1999004
83-Work practice or	U-Unknown	H-Health Physics	50-311/1999004
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-311/1999007
93-Awareness or att	G-Engineering	A-Administrative	50-311/1999007
83-Work practice or	O-Operations	S-Surveillance	50-311/1999007
93-Awareness or att	D-Emergency Plannin	D-Emergency Drill	50-311/1999007
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-311/1999007
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-311/1999007
86-Work untimely	O-Operations	O-Control Room Ops	50-311/1999007
83-Work practice or	Z-Other	Z-Other	50-311/1999007
93-Awareness or att	G-Engineering	M-Maint / Repair	50-311/1999008
93-Awareness or att	G-Engineering	M-Maint / Repair	50-311/1999008
93-Awareness or att	G-Engineering	M-Maint / Repair	50-311/1999008

Human Factors Information System Report

93-Awareness or att	G-Engineering	M-Maint / Repair	50-311/1999008
93-Awareness or att	Z-Other	A-Administrative	50-311/1999008
93-Awareness or att	Z-Other	A-Administrative	50-311/1999008
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-311/9990009
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-311/9990009
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-311/9990009
84-Non-conserv. dec	D-Emergency Plannin	D-Emergency Drill	50-311/9990009
86-Work untimely	O-Operations	A-Administrative	50-311/9990009
86-Work untimely	O-Operations	A-Administrative	50-311/9990009

Work Factors ER

Number of items: 7

Percent of total: 5.43

93-Awareness or att T-Training Z-Other 50-311/1999301

Page: 4 Date:03/17/2000

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Work Factors ER

Number of items: 7

Percent of Total: 5.43

93-Awareness or att T-Training Z-Other 50-311/1999301

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93-Awareness or att T-Training Z-Other 50-311/1999301

93-Awareness or att T-Training Z-Other 50-311/1999301

93-Awareness or att T-Training Z-Other 50-311/1999301

81-Work Package Qua T-Training Z-Other 50-311/1999301

Work Factors LER

Number of items: 7

Percent of total: 5.43

83-Work practice or P-Procedure Writers P-Procedure Dev 50-311/199900300

84-Non-conserv. dec O-Operations B-Bal of Plant Ops 50-311/199900300

82-Briefing, prep. M-Mechanical R-Refueling 50-311/199900400

93-Awareness or att O-Operations B-Bal of Plant Ops 50-311/199900500

82-Briefing, prep. O-Operations S-Surveillance 50-311/199900700

93-Awareness or att O-Operations S-Surveillance 50-311/199900700

84-Non-conserv. dec G-Engineering G-Design 50-272/199901100

Page: 5 Date:03/17/2000

[End of File for Plant Docket 311 (1999)]