

1998 Human Factors Information System Report for Plant Docket 374

Combined IR/ER/LER Report
Docket: 50-374 LASALLE 2

Total Number of Hits in Date Range: 248
From 01/01/1998 to 12/31/1998
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 18			
Percent of total: 7.26			
53-Communication	LT O-Operations	Z-Other	50-374/1997017
	O-Operations		
53-Communication	LT O-Operations	Z-Other	50-374/1997017
	O-Operations		
55-Communication	Eq D-Emergency Plannin	D-Emergency Drill	50-374/1997022
	D-Emergency Plannin		
52-Communication	un O-Operations	A-Administrative	50-374/1998004
	O-Operations		
53-Communication	LT O-Operations	Q-Fire Protection	50-374/1998004
	O-Operations		
53-Communication	LT O-Operations	B-Bal of Plant Ops	50-374/1998010
	O-Operations		
52-Communication	un O-Operations	O-Control Room Ops	50-374/1998010
	O-Operations		
53-Communication	LT M-Mechanical	T-Testing	50-374/1998011
	M-Mechanical		
53-Communication	LT O-Operations	O-Control Room Ops	50-374/1998015
	O-Operations		
53-Communication	LT O-Operations	O-Control Room Ops	50-374/1998015
	O-Operations		
53-Communication	LT G-Engineering	T-Testing	50-374/1998015
	G-Engineering		
53-Communication	LT O-Operations	Z-Other	50-374/1998016
	O-Operations		
53-Communication	LT O-Operations	Z-Other	50-374/1998016
	O-Operations		
53-Communication	LT O-Operations	Z-Other	50-374/1998016
	O-Operations		
53-Communication	LT O-Operations	Z-Other	50-374/1998016
	O-Operations		
53-Communication	LT O-Operations	Z-Other	50-374/1998016
	O-Operations		
53-Communication	LT O-Operations	O-Control Room Ops	50-374/1998019
	O-Operations		
53-Communication	LT G-Engineering	G-Design	50-374/1998019
	G-Engineering		

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: 42
Percent of total: 16.94
33-Management expec G-Engineering Z-Other 50-374/1997018
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Total Number of Hits in Date Range: 248
 From 01/01/1998 to 12/31/1998
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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 42			
Percent of Total: 16.94			
48-Audits or proble	G-Engineering	Z-Other	50-374/1997018
34-Perceived pressu	W-Work Control / Sc	M-Maint / Repair	50-374/1997020
34-Perceived pressu	W-Work Control / Sc	M-Maint / Repair	50-374/1997020
42-No action planne	G-Engineering	Z-Other	50-374/1997020
42-No action planne	M-Mechanical	Z-Other	50-374/1997020
47-Root Cause LTA	G-Engineering	Z-Other	50-374/1997020
47-Root Cause LTA	G-Engineering	Z-Other	50-374/1997022
40-Individual Corre	O-Operations	Z-Other	50-374/1998004
36-Scheduling and p	O-Operations	F-Modification	50-374/1998004
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-374/1998004
33-Management expec	M-Mechanical	M-Maint / Repair	50-374/1998004
44-Corrective Actio	G-Engineering	Z-Other	50-374/1998004
41-Action not begun	G-Engineering	F-Modification	50-374/1998005
41-Action not begun	G-Engineering	Z-Other	50-374/1998005
41-Action not begun	G-Engineering	Z-Other	50-374/1998005
33-Management expec	G-Engineering	G-Design	50-374/1998005
33-Management expec	B-Plant Management	H-Health Physics	50-374/1998009
40-Individual Corre	O-Operations	Z-Other	50-374/1998010
32-Supervision / co	W-Work Control / Sc	M-Maint / Repair	50-374/1998010
48-Audits or proble	Q-QA/QC	Z-Other	50-374/1998011
40-Individual Corre	Q-QA/QC	Z-Other	50-374/1998011
44-Corrective Actio	O-Operations	Z-Other	50-374/1998012
32-Supervision / co	B-Plant Management	Z-Other	50-374/1998012
47-Root Cause LTA	O-Operations	Z-Other	50-374/1998012
47-Root Cause LTA	O-Operations	A-Administrative	50-374/1998012
33-Management expec	B-Plant Management	Z-Other	50-374/1998012
43-Operating Experi	G-Engineering	Z-Other	50-374/1998012
48-Audits or proble	Q-QA/QC	Z-Other	50-374/1998015
48-Audits or proble	M-Mechanical	Z-Other	50-374/1998015
48-Audits or proble	E-Electrical	Z-Other	50-374/1998015
48-Audits or proble	I-Instrumentation &	Z-Other	50-374/1998015
43-Operating Experi	M-Mechanical	Z-Other	50-374/1998015
43-Operating Experi	E-Electrical	Z-Other	50-374/1998015
43-Operating Experi	I-Instrumentation &	Z-Other	50-374/1998015
48-Audits or proble	M-Mechanical	Z-Other	50-374/1998015
48-Audits or proble	E-Electrical	Z-Other	50-374/1998015
48-Audits or proble	I-Instrumentation &	Z-Other	50-374/1998015
32-Supervision / co	O-Operations	Z-Other	50-374/1998016
32-Supervision / co	O-Operations	Z-Other	50-374/1998016
32-Supervision / co	O-Operations	Z-Other	50-374/1998016
44-Corrective Actio	B-Plant Management	Z-Other	50-374/1998019

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: 2
 Percent of total: .81

28-Frequent use of O-Operations O-Control Room Ops 50-374/1998015
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 2x National Average: 255

Details	Department	Work Type	Docket/Report
Organizational Issues IR			
Number of items: 2			
Percent of Total: .81			
22-Poor Task Alloca	O-Operations	M-Maint / Repair	50-374/1998019

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: 31
Percent of total: 12.5

12-Procedure techni	G-Engineering	G-Design	50-374/1997018
11-No procedure / r	G-Engineering	G-Design	50-374/1997018
12-Procedure techni	G-Engineering	G-Design	50-374/1997020
12-Procedure techni	G-Engineering	G-Design	50-374/1997020
12-Procedure techni	G-Engineering	G-Design	50-374/1997020
12-Procedure techni	G-Engineering	G-Design	50-374/1997022
12-Procedure techni	G-Engineering	G-Design	50-374/1998002
13-Procedure has hu	G-Engineering	G-Design	50-374/1998004
11-No procedure / r	G-Engineering	G-Design	50-374/1998004
12-Procedure techni	G-Engineering	G-Design	50-374/1998005
12-Procedure techni	G-Engineering	G-Design	50-374/1998005
12-Procedure techni	G-Engineering	G-Design	50-374/1998005
11-No procedure / r	G-Engineering	G-Design	50-374/1998005
12-Procedure techni	G-Engineering	G-Design	50-374/1998005
11-No procedure / r	G-Engineering	G-Design	50-374/1998005
12-Procedure techni	G-Engineering	G-Design	50-374/1998005
12-Procedure techni	G-Engineering	G-Design	50-374/1998005
13-Procedure has hu	G-Engineering	G-Design	50-374/1998005
11-No procedure / r	G-Engineering	G-Design	50-374/1998005
12-Procedure techni	G-Engineering	G-Design	50-374/1998005
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-374/1998009
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-374/1998010
14-Document develop	G-Engineering	G-Design	50-374/1998010
14-Document develop	G-Engineering	G-Design	50-374/1998010
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-374/1998015
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-374/1998015
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-374/1998015
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-374/1998015
12-Procedure techni	G-Engineering	G-Design	50-374/1998019
12-Procedure techni	G-Engineering	G-Design	50-374/1998019
12-Procedure techni	G-Engineering	G-Design	50-374/1998019

Procedures and Reference Document ER

Number of items: 0
Percent of total: 0

Procedures and Reference Document LER

Number of items: 0
Percent of total: 0

Training IR

Number of items: 18
Percent of total: 7.26

02-Training LTA	T-Training	Z-Other	50-374/1997017
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Details	Department	Work Type	Docket/Report
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Training IR

Number of items: 18
Percent of Total: 7.26

03-Training process	T-Training	Z-Other	50-374/1997017
02-Training LTA	T-Training	Z-Other	50-374/1997017
03-Training process	T-Training	Z-Other	50-374/1997017
03-Training process	T-Training	Z-Other	50-374/1997017
03-Training process	T-Training	Z-Other	50-374/1997017
06-Simulator fideli	T-Training	Z-Other	50-374/1997017
05-Individual knowl	O-Operations	K-Housekeeping	50-374/1997022
02-Training LTA	T-Training	O-Control Room Ops	50-374/1998002
05-Individual knowl	M-Mechanical	Z-Other	50-374/1998004
02-Training LTA	T-Training	M-Maint / Repair	50-374/1998009
05-Individual knowl	M-Mechanical	A-Administrative	50-374/1998009
02-Training LTA	T-Training	A-Administrative	50-374/1998009
05-Individual knowl	M-Mechanical	M-Maint / Repair	50-374/1998009
02-Training LTA	T-Training	M-Maint / Repair	50-374/1998009

02-Training LTA	T-Training	Z-Other	50-374/1998010
02-Training LTA	T-Training	M-Maint / Repair	50-374/1998015
05-Individual knowl	O-Operations	Z-Other	50-374/1998016

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: 136
 Percent of total: 54.84

82-Briefing, prep.	O-Operations	Z-Other	50-374/1997017
82-Briefing, prep.	O-Operations	Z-Other	50-374/1997017
93-Awareness or att	O-Operations	Z-Other	50-374/1997017
93-Awareness or att	O-Operations	Z-Other	50-374/1997017
83-Work practice or	O-Operations	Z-Other	50-374/1997017
84-Non-conserv. dec	O-Operations	Z-Other	50-374/1997017
81-Work Package Qua	T-Training	Z-Other	50-374/1997017
81-Work Package Qua	T-Training	Z-Other	50-374/1997017
83-Work practice or	T-Training	Z-Other	50-374/1997017
83-Work practice or	T-Training	Z-Other	50-374/1997017
81-Work Package Qua	T-Training	Z-Other	50-374/1997017
83-Work practice or	T-Training	Z-Other	50-374/1997017
83-Work practice or	T-Training	Z-Other	50-374/1997017
83-Work practice or	T-Training	Z-Other	50-374/1997017
83-Work practice or	T-Training	Z-Other	50-374/1997017
83-Work practice or	T-Training	Z-Other	50-374/1997017
83-Work practice or	G-Engineering	G-Design	50-374/1997018
93-Awareness or att	G-Engineering	G-Design	50-374/1997018
83-Work practice or	G-Engineering	A-Administrative	50-374/1997018
93-Awareness or att	G-Engineering	A-Administrative	50-374/1997018
93-Awareness or att	G-Engineering	A-Administrative	50-374/1997018
93-Awareness or att	G-Engineering	A-Administrative	50-374/1997018

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 Docket: 50-374 LASALLE 2

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 From 01/01/1998 to 12/31/1998
 2x National Average: 255

Details	Department	Work Type	Docket/Report
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Work Factors IR

Number of items: 136
 Percent of Total: 54.84

93-Awareness or att	G-Engineering	G-Design	50-374/1997018
83-Work practice or	G-Engineering	A-Administrative	50-374/1997018
83-Work practice or	G-Engineering	A-Administrative	50-374/1997020
84-Non-conserv. dec	G-Engineering	A-Administrative	50-374/1997020
91-Verification / p	G-Engineering	A-Administrative	50-374/1997020
92-Self check LTA	W-Work Control / Sc	M-Maint / Repair	50-374/1997020
83-Work practice or	O-Operations	H-Health Physics	50-374/1997020
84-Non-conserv. dec	H-Health Physics	H-Health Physics	50-374/1997020
93-Awareness or att	O-Operations	O-Control Room Ops	50-374/1997022
93-Awareness or att	O-Operations	O-Control Room Ops	50-374/1997022
93-Awareness or att	O-Operations	O-Control Room Ops	50-374/1997022
83-Work practice or	O-Operations	A-Administrative	50-374/1997022
89-Housekeeping LTA	M-Mechanical	K-Housekeeping	50-374/1997022
91-Verification / p	O-Operations	K-Housekeeping	50-374/1997022
83-Work practice or	G-Engineering	G-Design	50-374/1997023
83-Work practice or	G-Engineering	A-Administrative	50-374/1997023
83-Work practice or	G-Engineering	A-Administrative	50-374/1998002
83-Work practice or	M-Mechanical	M-Maint / Repair	50-374/1998002
83-Work practice or	O-Operations	A-Administrative	50-374/1998004
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-374/1998004
92-Self check LTA	O-Operations	B-Bal of Plant Ops	50-374/1998004
83-Work practice or	O-Operations	P-Procedure Dev	50-374/1998004
89-Housekeeping LTA	M-Mechanical	M-Maint / Repair	50-374/1998004
89-Housekeeping LTA	M-Mechanical	M-Maint / Repair	50-374/1998004
87-Non-conservative	O-Operations	Q-Fire Protection	50-374/1998004
87-Non-conservative	O-Operations	Q-Fire Protection	50-374/1998004
93-Awareness or att	G-Engineering	A-Administrative	50-374/1998005
93-Awareness or att	G-Engineering	F-Modification	50-374/1998005
85-Team interaction	G-Engineering	A-Administrative	50-374/1998005
83-Work practice or	G-Engineering	F-Modification	50-374/1998005
93-Awareness or att	G-Engineering	F-Modification	50-374/1998005
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-374/1998005

89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-374/1998005
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-374/1998005
81-Work Package Qua	G-Engineering	G-Design	50-374/1998005
93-Awareness or att	G-Engineering	G-Design	50-374/1998005
93-Awareness or att	G-Engineering	G-Design	50-374/1998005
93-Awareness or att	G-Engineering	T-Testing	50-374/1998005
93-Awareness or att	G-Engineering	T-Testing	50-374/1998005
93-Awareness or att	G-Engineering	T-Testing	50-374/1998005
93-Awareness or att	G-Engineering	T-Testing	50-374/1998005
93-Awareness or att	G-Engineering	T-Testing	50-374/1998005
93-Awareness or att	G-Engineering	T-Testing	50-374/1998005
93-Awareness or att	G-Engineering	T-Testing	50-374/1998005
93-Awareness or att	G-Engineering	T-Testing	50-374/1998005
93-Awareness or att	G-Engineering	T-Testing	50-374/1998005
93-Awareness or att	G-Engineering	T-Testing	50-374/1998005
93-Awareness or att	G-Engineering	T-Testing	50-374/1998005
93-Awareness or att	G-Engineering	T-Testing	50-374/1998005
93-Awareness or att	G-Engineering	T-Testing	50-374/1998005
93-Awareness or att	G-Engineering	T-Testing	50-374/1998005
93-Awareness or att	G-Engineering	T-Testing	50-374/1998005
93-Awareness or att	G-Engineering	G-Design	50-374/1998005
93-Awareness or att	G-Engineering	G-Design	50-374/1998005

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Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 136			
Percent of Total: 54.84			
93-Awareness or att	G-Engineering	Z-Other	50-374/1998005
82-Briefing, prep.	O-Operations	B-Bal of Plant Ops	50-374/1998009
94-Log-keeping or r	O-Operations	A-Administrative	50-374/1998009
83-Work practice or	O-Operations	U-Unknown	50-374/1998009
83-Work practice or	O-Operations	U-Unknown	50-374/1998009
93-Awareness or att	W-Work Control / Sc	M-Maint / Repair	50-374/1998009
91-Verification / p	W-Work Control / Sc	M-Maint / Repair	50-374/1998009
91-Verification / p	W-Work Control / Sc	M-Maint / Repair	50-374/1998009
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-374/1998009
92-Self check LTA	Q-QA/QC	H-Health Physics	50-374/1998009
83-Work practice or	H-Health Physics	H-Health Physics	50-374/1998009
93-Awareness or att	O-Operations	O-Control Room Ops	50-374/1998010
93-Awareness or att	O-Operations	O-Control Room Ops	50-374/1998010
82-Briefing, prep.	O-Operations	B-Bal of Plant Ops	50-374/1998010
93-Awareness or att	O-Operations	O-Control Room Ops	50-374/1998010
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-374/1998010
88-Tag outs LTA	O-Operations	B-Bal of Plant Ops	50-374/1998010
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-374/1998010
88-Tag outs LTA	O-Operations	B-Bal of Plant Ops	50-374/1998010
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-374/1998010
83-Work practice or	M-Mechanical	M-Maint / Repair	50-374/1998010
83-Work practice or	M-Mechanical	A-Administrative	50-374/1998010
91-Verification / p	M-Mechanical	M-Maint / Repair	50-374/1998010
93-Awareness or att	G-Engineering	A-Administrative	50-374/1998010
91-Verification / p	M-Mechanical	M-Maint / Repair	50-374/1998011
83-Work practice or	M-Mechanical	M-Maint / Repair	50-374/1998011
82-Briefing, prep.	O-Operations	T-Testing	50-374/1998011
84-Non-conserv. dec	O-Operations	T-Testing	50-374/1998011
84-Non-conserv. dec	O-Operations	T-Testing	50-374/1998011
93-Awareness or att	I-Instrumentation &	T-Testing	50-374/1998011
86-Work untimely	O-Operations	A-Administrative	50-374/1998015
93-Awareness or att	O-Operations	O-Control Room Ops	50-374/1998015
93-Awareness or att	O-Operations	O-Control Room Ops	50-374/1998015
93-Awareness or att	O-Operations	O-Control Room Ops	50-374/1998015
82-Briefing, prep.	G-Engineering	T-Testing	50-374/1998015
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-374/1998015
83-Work practice or	G-Engineering	S-Surveillance	50-374/1998015
93-Awareness or att	I-Instrumentation &	A-Administrative	50-374/1998015
93-Awareness or att	I-Instrumentation &	A-Administrative	50-374/1998015
91-Verification / p	G-Engineering	S-Surveillance	50-374/1998015
91-Verification / p	G-Engineering	S-Surveillance	50-374/1998015
91-Verification / p	G-Engineering	S-Surveillance	50-374/1998015
91-Verification / p	G-Engineering	S-Surveillance	50-374/1998015
84-Non-conserv. dec	G-Engineering	S-Surveillance	50-374/1998015
91-Verification / p	E-Electrical	S-Surveillance	50-374/1998015
93-Awareness or att	I-Instrumentation &	S-Surveillance	50-374/1998015
91-Verification / p	I-Instrumentation &	S-Surveillance	50-374/1998015
93-Awareness or att	I-Instrumentation &	S-Surveillance	50-374/1998015
93-Awareness or att	I-Instrumentation &	A-Administrative	50-374/1998015
83-Work practice or	M-Mechanical	A-Administrative	50-374/1998015

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Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 136			
Percent of Total: 54.84			
83-Work practice or	E-Electrical	A-Administrative	50-374/1998015
83-Work practice or	I-Instrumentation &	A-Administrative	50-374/1998015
93-Awareness or att	G-Engineering	A-Administrative	50-374/1998015
83-Work practice or	O-Operations	Z-Other	50-374/1998016
83-Work practice or	O-Operations	Z-Other	50-374/1998016
83-Work practice or	O-Operations	Z-Other	50-374/1998016
83-Work practice or	O-Operations	Z-Other	50-374/1998016
86-Work untimely	O-Operations	Z-Other	50-374/1998016
83-Work practice or	O-Operations	Z-Other	50-374/1998016
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-374/1998019
92-Self check LTA	O-Operations	M-Maint / Repair	50-374/1998019
85-Team interaction	O-Operations	M-Maint / Repair	50-374/1998019
85-Team interaction	O-Operations	M-Maint / Repair	50-374/1998019
84-Non-conserv. dec	G-Engineering	G-Design	50-374/1998019
83-Work practice or	O-Operations	A-Administrative	50-374/1998019
Work Factors ER			
Number of items: 0			
Percent of total: 0			
Work Factors LER			
Number of items: 1			
Percent of total: .4			
92-Self check LTA	B-Plant Management	P-Procedure Dev	50-373/199801100
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