

1997 Human Factors Information System Report for Plant Docket 373

Combined IR/ER/LER Report
Docket: 50-373 LASALLE 1

Total Number of Hits in Date Range: 259
From 01/01/1997 to 12/31/1997
2x National Average: 213

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 11			
Percent of total: 4.25			
54-No communication	W-Work Control / Sc	S-Surveillance	50-373/1997003
	W-Work Control / Sc		
53-Communication	LT O-Operations	A-Administrative	50-373/1997003
	O-Operations		
54-No communication	O-Operations	O-Control Room Ops	50-373/1997006
	O-Operations		
54-No communication	O-Operations	B-Bal of Plant Ops	50-373/1997007
	O-Operations		
52-Communication un	G-Engineering	T-Testing	50-373/1997008
	G-Engineering		
53-Communication	LT O-Operations	O-Control Room Ops	50-373/1997011
	O-Operations		
53-Communication	LT O-Operations	O-Control Room Ops	50-373/1997012
	O-Operations		
53-Communication	LT O-Operations	Z-Other	50-373/1997014
	O-Operations		
53-Communication	LT O-Operations	Z-Other	50-373/1997014
	O-Operations		
53-Communication	LT O-Operations	Z-Other	50-373/1997014
	O-Operations		
54-No communication	O-Operations	Z-Other	50-373/1997014
	O-Operations		
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 4			
Percent of total: 1.54			
53-Communication	LT M-Mechanical	A-Administrative	50-373/199700400
53-Communication	LT M-Mechanical	T-Testing	50-373/199700400
53-Communication	LT E-Electrical	M-Maint / Repair	50-373/199704201
53-Communication	LT G-Engineering	M-Maint / Repair	50-373/199704201
	Z-Other		

Human-System Interface and Environm IR

Number of items: 3
Percent of total: 1.16

61-Labels LTA	M-Mechanical	S-Surveillance	50-373/1996020
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-373/1997007
62-Information orga	O-Operations	B-Bal of Plant Ops	50-373/1997015

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: 35
Percent of total: 13.51

32-Supervision / co	H-Health Physics	U-Unknown	50-373/1996013
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Combined IR/ER/LER Report
Docket: 50-373 LASALLE 1

Total Number of Hits in Date Range: 259
From 01/01/1997 to 12/31/1997
2x National Average: 213

Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 35			
Percent of Total: 13.51			
32-Supervision / co	G-Engineering	U-Unknown	50-373/1996013
36-Scheduling and p	G-Engineering	U-Unknown	50-373/1996013
40-Individual Corre	G-Engineering	U-Unknown	50-373/1996013
33-Management expec	M-Mechanical	U-Unknown	50-373/1996013
32-Supervision / co	B-Plant Management	U-Unknown	50-373/1996018
41-Action not begun	E-Electrical	U-Unknown	50-373/1996018
33-Management expec	G-Engineering	U-Unknown	50-373/1996019
43-Operating Experi	G-Engineering	U-Unknown	50-373/1996019
32-Supervision / co	M-Mechanical	S-Surveillance	50-373/1996020
44-Corrective Actio	O-Operations	M-Maint / Repair	50-373/1996020
36-Scheduling and p	Z-Other	M-Maint / Repair	50-373/1996020
44-Corrective Actio	Z-Other	M-Maint / Repair	50-373/1996020
32-Supervision / co	O-Operations	A-Administrative	50-373/1997003
40-Individual Corre	O-Operations	M-Maint / Repair	50-373/1997003
37-Unqualified work	I-Instrumentation &	C-Calibration	50-373/1997003
37-Unqualified work	I-Instrumentation &	C-Calibration	50-373/1997003
48-Audits or proble	G-Engineering	S-Surveillance	50-373/1997004
32-Supervision / co	O-Operations	A-Administrative	50-373/1997006
36-Scheduling and p	O-Operations	A-Administrative	50-373/1997006
36-Scheduling and p	O-Operations	M-Maint / Repair	50-373/1997007
36-Scheduling and p	O-Operations	M-Maint / Repair	50-373/1997007
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-373/1997007
48-Audits or proble	G-Engineering	F-Modification	50-373/1997007
36-Scheduling and p	G-Engineering	T-Testing	50-373/1997008
47-Root Cause LTA	G-Engineering	T-Testing	50-373/1997008
41-Action not begun	O-Operations	B-Bal of Plant Ops	50-373/1997011
41-Action not begun	O-Operations	S-Surveillance	50-373/1997011
32-Supervision / co	B-Plant Management	M-Maint / Repair	50-373/1997012
48-Audits or proble	Q-QA/QC	G-Design	50-373/1997012
32-Supervision / co	O-Operations	Z-Other	50-373/1997014
36-Scheduling and p	O-Operations	Z-Other	50-373/1997014
31-No supervision	T-Training	Z-Other	50-373/1997014
40-Individual Corre	W-Work Control / Sc	S-Surveillance	50-373/1997015
40-Individual Corre	G-Engineering	Z-Other	50-373/1997016

Management and Supervision ER

Number of items: 0

Percent of total: 0

Management and Supervision LER

Number of items: 10

Percent of total: 3.86

32-Supervision / co	I-Instrumentation &	T-Testing	50-373/199700700
36-Scheduling and p	I-Instrumentation &	T-Testing	50-373/199700700
32-Supervision / co	O-Operations	O-Control Room Ops	50-373/199702200
32-Supervision / co	O-Operations	M-Maint / Repair	50-373/199702900
32-Supervision / co	O-Operations	T-Testing	50-373/199702900
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-373/199702900
32-Supervision / co	M-Mechanical	T-Testing	50-373/199702900
32-Supervision / co	Z-Other	A-Administrative	50-373/199703001

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Combined IR/ER/LER Report

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2x National Average: 213

Details	Department	Work Type	Docket/Report
Management and Supervision LER			
Number of items: 10			
Percent of Total: 3.86			
32-Supervision / co	O-Operations	M-Maint / Repair	50-373/199703200
48-Audits or proble	E-Electrical	M-Maint / Repair	50-373/199704201
Organizational Issues IR			
Number of items: 1			
Percent of total: .39			
27-Excessive hours	G-Engineering	T-Testing	50-373/1997008

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: 18

Percent of total: 6.95

12-Procedure techni	O-Operations	U-Unknown	50-373/1996013
12-Procedure techni	G-Engineering	U-Unknown	50-373/1996013
12-Procedure techni	O-Operations	U-Unknown	50-373/1996018
12-Procedure techni	O-Operations	U-Unknown	50-373/1996018
12-Procedure techni	G-Engineering	S-Surveillance	50-373/1996020
12-Procedure techni	G-Engineering	G-Design	50-373/1997003
13-Procedure has hu	G-Engineering	G-Design	50-373/1997003
12-Procedure techni	G-Engineering	G-Design	50-373/1997003
12-Procedure techni	G-Engineering	T-Testing	50-373/1997004
12-Procedure techni	G-Engineering	P-Procedure Dev	50-373/1997004
12-Procedure techni	G-Engineering	G-Design	50-373/1997004
14-Document develop	G-Engineering	G-Design	50-373/1997004
12-Procedure techni	G-Engineering	G-Design	50-373/1997006
12-Procedure techni	G-Engineering	G-Design	50-373/1997006
12-Procedure techni	G-Engineering	G-Design	50-373/1997007
13-Procedure has hu	G-Engineering	G-Design	50-373/1997011
12-Procedure techni	G-Engineering	G-Design	50-373/1997016
11-No procedure / r	G-Engineering	G-Design	50-373/1997016

Procedures and Reference Document ER

Number of items: 0

Percent of total: 0

Procedures and Reference Document LER

Number of items: 23

Percent of total: 8.88

13-Procedure has hu	M-Mechanical	A-Administrative	50-373/199700400
13-Procedure has hu	M-Mechanical	T-Testing	50-373/199700400
12-Procedure techni	I-Instrumentation &	T-Testing	50-373/199700700
12-Procedure techni	O-Operations	O-Control Room Ops	50-373/199700900
13-Procedure has hu	O-Operations	O-Control Room Ops	50-373/199700900

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Details	Department	Work Type	Docket/Report
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Procedures and Reference Document LER

Number of items: 23

Percent of Total: 8.88

12-Procedure techni	G-Engineering	O-Control Room Ops	50-373/199700900
13-Procedure has hu	G-Engineering	O-Control Room Ops	50-373/199700900
13-Procedure has hu	G-Engineering	A-Administrative	50-373/199701400
13-Procedure has hu	G-Engineering	T-Testing	50-373/199701400
13-Procedure has hu	I-Instrumentation &	C-Calibration	50-373/199701600
13-Procedure has hu	I-Instrumentation &	T-Testing	50-373/199701600
13-Procedure has hu	I-Instrumentation &	A-Administrative	50-373/199701700
13-Procedure has hu	I-Instrumentation &	C-Calibration	50-373/199701700
12-Procedure techni	I-Instrumentation &	A-Administrative	50-373/199701900
12-Procedure techni	I-Instrumentation &	C-Calibration	50-373/199701900
13-Procedure has hu	O-Operations	O-Control Room Ops	50-373/199702200
13-Procedure has hu	O-Operations	T-Testing	50-373/199702800
14-Document develop	G-Engineering	P-Procedure Dev	50-373/199703901
12-Procedure techni	G-Engineering	P-Procedure Dev	50-373/199703901
13-Procedure has hu	E-Electrical	M-Maint / Repair	50-373/199704201
12-Procedure techni	E-Electrical	M-Maint / Repair	50-373/199704201
13-Procedure has hu	G-Engineering	A-Administrative	50-373/199704300
13-Procedure has hu	G-Engineering	T-Testing	50-373/199704300

Training IR

Number of items: 15

Percent of total: 5.79

02-Training LTA	O-Operations	U-Unknown	50-373/1996018
05-Individual knowl	O-Operations	S-Surveillance	50-373/1996020
02-Training LTA	T-Training	M-Maint / Repair	50-373/1997003
02-Training LTA	T-Training	T-Testing	50-373/1997003
02-Training LTA	T-Training	A-Administrative	50-373/1997006
02-Training LTA	T-Training	A-Administrative	50-373/1997006
05-Individual knowl	H-Health Physics	H-Health Physics	50-373/1997007
02-Training LTA	T-Training	H-Health Physics	50-373/1997007

05-Individual knowl	O-Operations	A-Administrative	50-373/1997011
02-Training LTA	T-Training	S-Surveillance	50-373/1997011
03-Training process	T-Training	Z-Other	50-373/1997014
02-Training LTA	T-Training	Z-Other	50-373/1997014
02-Training LTA	T-Training	Z-Other	50-373/1997303
06-Simulator fideli	T-Training	Z-Other	50-373/1997303
06-Simulator fideli	T-Training	Z-Other	50-373/1997303

Training ER

Number of items: 0
Percent of total: 0

Training LER

Number of items: 7
Percent of total: 2.7

02-Training LTA	I-Instrumentation & T-Testing	50-373/199700700
02-Training LTA	O-Operations	O-Control Room Ops 50-373/199700900
02-Training LTA	G-Engineering	O-Control Room Ops 50-373/199700900
02-Training LTA	G-Engineering	P-Procedure Dev 50-373/199703901
02-Training LTA	E-Electrical	M-Maint / Repair 50-373/199704201

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Training LER

Number of items: 7
Percent of Total: 2.7

02-Training LTA	E-Electrical	M-Maint / Repair	50-373/199704201
02-Training LTA	G-Engineering	M-Maint / Repair	50-373/199704201

Work Factors IR

Number of items: 125
Percent of total: 48.26

84-Non-conserv. dec	M-Mechanical	U-Unknown	50-373/1996013
87-Non-conservati	O-Operations	U-Unknown	50-373/1996013
87-Non-conservati	M-Mechanical	U-Unknown	50-373/1996013
87-Non-conservati	H-Health Physics	U-Unknown	50-373/1996013
92-Self check LTA	O-Operations	U-Unknown	50-373/1996013
81-Work Package Qua	M-Mechanical	U-Unknown	50-373/1996013
83-Work practice or	M-Mechanical	U-Unknown	50-373/1996013
87-Non-conservati	M-Mechanical	U-Unknown	50-373/1996013
84-Non-conserv. dec	O-Operations	U-Unknown	50-373/1996018
84-Non-conserv. dec	O-Operations	U-Unknown	50-373/1996018
84-Non-conserv. dec	O-Operations	U-Unknown	50-373/1996018
84-Non-conserv. dec	O-Operations	U-Unknown	50-373/1996018
84-Non-conserv. dec	B-Plant Management	U-Unknown	50-373/1996018
87-Non-conservati	O-Operations	U-Unknown	50-373/1996018
92-Self check LTA	C-Chemistry	U-Unknown	50-373/1996018
83-Work practice or	E-Electrical	M-Maint / Repair	50-373/1996020
83-Work practice or	E-Electrical	M-Maint / Repair	50-373/1996020
83-Work practice or	M-Mechanical	S-Surveillance	50-373/1996020
92-Self check LTA	M-Mechanical	S-Surveillance	50-373/1996020
93-Awareness or att	O-Operations	S-Surveillance	50-373/1996020
93-Awareness or att	O-Operations	S-Surveillance	50-373/1996020
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-373/1996020
92-Self check LTA	O-Operations	S-Surveillance	50-373/1996020
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-373/1996020
83-Work practice or	Z-Other	Q-Fire Protection	50-373/1996020
93-Awareness or att	O-Operations	A-Administrative	50-373/1997003
93-Awareness or att	O-Operations	A-Administrative	50-373/1997003
86-Work untimely	O-Operations	A-Administrative	50-373/1997003
83-Work practice or	O-Operations	T-Testing	50-373/1997003
83-Work practice or	O-Operations	T-Testing	50-373/1997003
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-373/1997003
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-373/1997003
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-373/1997003
93-Awareness or att	G-Engineering	B-Bal of Plant Ops	50-373/1997003
93-Awareness or att	W-Work Control / Sc	S-Surveillance	50-373/1997003
92-Self check LTA	O-Operations	S-Surveillance	50-373/1997003
93-Awareness or att	O-Operations	S-Surveillance	50-373/1997003
83-Work practice or	O-Operations	M-Maint / Repair	50-373/1997003
83-Work practice or	M-Mechanical	M-Maint / Repair	50-373/1997003
89-Housekeeping LTA	U-Unknown	M-Maint / Repair	50-373/1997003
81-Work Package Qua	G-Engineering	T-Testing	50-373/1997003
93-Awareness or att	W-Work Control / Sc	S-Surveillance	50-373/1997003

Human Factors Information System Report

83-Work practice or W-Work Control / Sc S-Surveillance 50-373/1997003
 81-Work Package Qua G-Engineering F-Modification 50-373/1997003
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Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 125			
Percent of Total: 48.26			
81-Work Package Qua	G-Engineering	F-Modification	50-373/1997003
81-Work Package Qua	G-Engineering	F-Modification	50-373/1997003
81-Work Package Qua	G-Engineering	F-Modification	50-373/1997003
94-Log-keeping or r	H-Health Physics	H-Health Physics	50-373/1997006
92-Self check LTA	O-Operations	S-Surveillance	50-373/1997006
93-Awareness or att	O-Operations	S-Surveillance	50-373/1997006
93-Awareness or att	O-Operations	S-Surveillance	50-373/1997006
83-Work practice or	U-Unknown	K-Housekeeping	50-373/1997006
83-Work practice or	M-Mechanical	M-Maint / Repair	50-373/1997006
83-Work practice or	E-Electrical	V-Troubleshooting	50-373/1997006
83-Work practice or	E-Electrical	S-Surveillance	50-373/1997006
84-Non-conserv. dec	E-Electrical	S-Surveillance	50-373/1997006
81-Work Package Qua	G-Engineering	F-Modification	50-373/1997006
84-Non-conserv. dec	G-Engineering	G-Design	50-373/1997006
84-Non-conserv. dec	O-Operations	S-Surveillance	50-373/1997007
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-373/1997007
93-Awareness or att	O-Operations	M-Maint / Repair	50-373/1997007
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-373/1997007
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-373/1997007
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-373/1997007
91-Verification / p	M-Mechanical	M-Maint / Repair	50-373/1997007
83-Work practice or	W-Work Control / Sc	A-Administrative	50-373/1997007
81-Work Package Qua	W-Work Control / Sc	T-Testing	50-373/1997007
81-Work Package Qua	G-Engineering	G-Design	50-373/1997007
83-Work practice or	U-Unknown	F-Modification	50-373/1997007
83-Work practice or	U-Unknown	F-Modification	50-373/1997007
83-Work practice or	U-Unknown	F-Modification	50-373/1997007
83-Work practice or	H-Health Physics	H-Health Physics	50-373/1997007
83-Work practice or	G-Engineering	G-Design	50-373/1997008
83-Work practice or	G-Engineering	G-Design	50-373/1997008
81-Work Package Qua	G-Engineering	F-Modification	50-373/1997008
83-Work practice or	G-Engineering	H-Health Physics	50-373/1997008
86-Work untimely	G-Engineering	P-Procedure Dev	50-373/1997008
84-Non-conserv. dec	B-Plant Management	T-Testing	50-373/1997008
83-Work practice or	G-Engineering	T-Testing	50-373/1997008
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-373/1997011
84-Non-conserv. dec	G-Engineering	B-Bal of Plant Ops	50-373/1997011
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-373/1997011
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-373/1997011
84-Non-conserv. dec	B-Plant Management	O-Control Room Ops	50-373/1997011
86-Work untimely	O-Operations	Z-Other	50-373/1997011
83-Work practice or	O-Operations	A-Administrative	50-373/1997011
84-Non-conserv. dec	O-Operations	A-Administrative	50-373/1997011
83-Work practice or	B-Plant Management	A-Administrative	50-373/1997011
93-Awareness or att	A-Administrative Su	A-Administrative	50-373/1997011
86-Work untimely	O-Operations	A-Administrative	50-373/1997011
84-Non-conserv. dec	O-Operations	S-Surveillance	50-373/1997011
83-Work practice or	O-Operations	S-Surveillance	50-373/1997011
88-Tag outs LTA	M-Mechanical	M-Maint / Repair	50-373/1997011

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Work Factors IR			
Number of items: 125			
Percent of Total: 48.26			
83-Work practice or	M-Mechanical	M-Maint / Repair	50-373/1997011

83-Work practice or	A-Administrative Su	A-Administrative	50-373/1997011
93-Awareness or att	O-Operations	A-Administrative	50-373/1997011
83-Work practice or	E-Electrical	V-Troubleshooting	50-373/1997011
83-Work practice or	G-Engineering	V-Troubleshooting	50-373/1997011
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-373/1997011
81-Work Package Qua	G-Engineering	F-Modification	50-373/1997011
93-Awareness or att	G-Engineering	A-Administrative	50-373/1997011
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-373/1997012
89-Housekeeping LTA	U-Unknown	M-Maint / Repair	50-373/1997012
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-373/1997012
93-Awareness or att	U-Unknown	M-Maint / Repair	50-373/1997012
94-Log-keeping or r	O-Operations	M-Maint / Repair	50-373/1997012
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-373/1997012
93-Awareness or att	Q-QA/QC	Z-Other	50-373/1997013
93-Awareness or att	Q-QA/QC	A-Administrative	50-373/1997013
83-Work practice or	Q-QA/QC	A-Administrative	50-373/1997013
86-Work untimely	O-Operations	Z-Other	50-373/1997014
83-Work practice or	O-Operations	Z-Other	50-373/1997014
84-Non-conserv. dec	O-Operations	Z-Other	50-373/1997014
86-Work untimely	O-Operations	Z-Other	50-373/1997014
82-Briefing, prep.	O-Operations	Z-Other	50-373/1997014
81-Work Package Qua	T-Training	Z-Other	50-373/1997014
84-Non-conserv. dec	O-Operations	S-Surveillance	50-373/1997015
84-Non-conserv. dec	G-Engineering	S-Surveillance	50-373/1997015
84-Non-conserv. dec	O-Operations	S-Surveillance	50-373/1997015
83-Work practice or	G-Engineering	A-Administrative	50-373/1997016
93-Awareness or att	P-Procedure Writers	A-Administrative	50-373/1997303
83-Work practice or	T-Training	Z-Other	50-373/1997303
93-Awareness or att	T-Training	Z-Other	50-373/1997303
93-Awareness or att	T-Training	A-Administrative	50-373/1997303
87-Non-conservati	O-Operations	Z-Other	50-373/1997303

Work Factors ER

Number of items: 0

Percent of total: 0

Work Factors LER

Number of items: 7

Percent of total: 2.7

87-Non-conservati	I-Instrumentation & T-Testing	50-373/199700700
87-Non-conservati	O-Operations O-Control Room Ops	50-373/199702200
83-Work practice or	I-Instrumentation & P-Procedure Dev	50-373/199702301
87-Non-conservati	O-Operations O-Control Room Ops	50-373/199702500
87-Non-conservati	O-Operations T-Testing	50-373/199702800
83-Work practice or	P-Procedure Writers P-Procedure Dev	50-373/199703001
91-Verification / p	G-Engineering G-Design	50-373/199704500

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