

# 1997 Human Factors Information System Report for Plant Docket 272

Combined IR/ER/LER Report  
Docket: 50-272 SALEM 1

Total Number of Hits in Date Range: 162  
From 01/01/1997 to 12/31/1997  
2x National Average: 213

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 0			
Percent of total: 0			
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 1			
Percent of total: .62			
53-Communication LT	M-Mechanical	T-Testing	50-272/199700100
Human-System Interface and Environm IR			
Number of items: 1			
Percent of total: .62			
76-Postings LTA	H-Health Physics	H-Health Physics	50-272/1997007
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: 27			
Percent of total: 16.67			
40-Individual Corre	M-Mechanical	U-Unknown	50-272/1996017
40-Individual Corre	G-Engineering	G-Design	50-272/1997002
36-Scheduling and p	T-Training	Z-Other	50-272/1997003
44-Corrective Actio	G-Engineering	G-Design	50-272/1997003
33-Management expec	Z-Other	M-Maint / Repair	50-272/1997003
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-272/1997003
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-272/1997003
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-272/1997003
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-272/1997003
44-Corrective Actio	W-Work Control / Sc	M-Maint / Repair	50-272/1997003
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-272/1997003
44-Corrective Actio	G-Engineering	Q-Fire Protection	50-272/1997003
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-272/1997007
36-Scheduling and p	W-Work Control / Sc	V-Troubleshooting	50-272/1997007
48-Audits or proble	Z-Other	Z-Other	50-272/1997007
33-Management expec	G-Engineering	G-Design	50-272/1997008
48-Audits or proble	G-Engineering	G-Design	50-272/1997008
33-Management expec	O-Operations	F-Modification	50-272/1997009
48-Audits or proble	Q-QA/QC	Z-Other	50-272/1997012
47-Root Cause LTA	O-Operations	Z-Other	50-272/1997018
32-Supervision / co	O-Operations	M-Maint / Repair	50-272/1997018
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-272/1997018

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Management and Supervision IR			
Number of items: 27			
Percent of Total: 16.67			
40-Individual Corre	O-Operations	Z-Other	50-272/1997018

36-Scheduling and p	W-Work Control / Sc	O-Control Room Ops	50-272/1997019
40-Individual Corre	O-Operations	Z-Other	50-272/1997019
41-Action not begun	G-Engineering	M-Maint / Repair	50-272/1997019
47-Root Cause LTA	G-Engineering	Z-Other	50-272/1997019

## Management and Supervision ER

Number of items: 0  
Percent of total: 0

## Management and Supervision LER

Number of items: 1  
Percent of total: .62

32-Supervision / co	M-Mechanical	T-Testing	50-272/199700100
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## Organizational Issues IR

Number of items: 1  
Percent of total: .62

21-Staffing LTA	W-Work Control / Sc	M-Maint / Repair	50-272/1997003
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## 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: 11.11

12-Procedure techni	G-Engineering	G-Design	50-272/1997002
12-Procedure techni	G-Engineering	S-Surveillance	50-272/1997003
12-Procedure techni	G-Engineering	P-Procedure Dev	50-272/1997003
12-Procedure techni	G-Engineering	P-Procedure Dev	50-272/1997003
12-Procedure techni	G-Engineering	P-Procedure Dev	50-272/1997003
12-Procedure techni	G-Engineering	T-Testing	50-272/1997003
12-Procedure techni	G-Engineering	P-Procedure Dev	50-272/1997003
12-Procedure techni	G-Engineering	P-Procedure Dev	50-272/1997003
12-Procedure techni	G-Engineering	G-Design	50-272/1997007
12-Procedure techni	G-Engineering	G-Design	50-272/1997007
12-Procedure techni	G-Engineering	G-Design	50-272/1997008
12-Procedure techni	G-Engineering	F-Modification	50-272/1997009
12-Procedure techni	G-Engineering	G-Design	50-272/1997012
12-Procedure techni	G-Engineering	G-Design	50-272/1997012
12-Procedure techni	G-Engineering	G-Design	50-272/1997012
11-No procedure / r	G-Engineering	G-Design	50-272/1997014
12-Procedure techni	G-Engineering	G-Design	50-272/1997016
11-No procedure / r	G-Engineering	G-Design	50-272/1997081

## Procedures and Reference Document ER

Number of items: 0  
Percent of total: 0

## Procedures and Reference Document LER

Number of items: 26  
Percent of total: 16.05

12-Procedure techni	U-Unknown	T-Testing	50-272/199600516
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## Procedures and Reference Document LER

Number of items: 26  
Percent of Total: 16.05

12-Procedure techni	I-Instrumentation &	S-Surveillance	50-272/199600516
12-Procedure techni	I-Instrumentation &	S-Surveillance	50-272/199600516
12-Procedure techni	I-Instrumentation &	S-Surveillance	50-272/199600516
12-Procedure techni	H-Health Physics	T-Testing	50-272/199600516
12-Procedure techni	H-Health Physics	T-Testing	50-272/199600516
12-Procedure techni	I-Instrumentation &	T-Testing	50-272/199600516
12-Procedure techni	O-Operations	S-Surveillance	50-272/199600516
12-Procedure techni	H-Health Physics	S-Surveillance	50-272/199600516
12-Procedure techni	M-Mechanical	T-Testing	50-272/199600516
12-Procedure techni	M-Mechanical	T-Testing	50-272/199600516
12-Procedure techni	I-Instrumentation &	T-Testing	50-272/199600516

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12-Procedure techni	E-Electrical	T-Testing	50-272/199600516
12-Procedure techni	M-Mechanical	T-Testing	50-272/199600516
12-Procedure techni	M-Mechanical	T-Testing	50-272/199600516
12-Procedure techni	O-Operations	T-Testing	50-272/199600516
12-Procedure techni	I-Instrumentation &	C-Calibration	50-272/199600516
12-Procedure techni	I-Instrumentation &	C-Calibration	50-272/199600516
12-Procedure techni	I-Instrumentation &	T-Testing	50-272/199600516
12-Procedure techni	I-Instrumentation &	S-Surveillance	50-272/199600516
12-Procedure techni	E-Electrical	T-Testing	50-272/199600516
12-Procedure techni	M-Mechanical	S-Surveillance	50-272/199600516
13-Procedure has hu	P-Procedure Writers	A-Administrative	50-272/199700800
13-Procedure has hu	P-Procedure Writers	T-Testing	50-272/199700800
13-Procedure has hu	O-Operations	T-Testing	50-272/199701200
13-Procedure has hu	E-Electrical	T-Testing	50-272/199701300

## Training IR

Number of items: 12

Percent of total: 7.41

03-Training process	H-Health Physics	U-Unknown	50-272/1996017
06-Simulator fideli	T-Training	Z-Other	50-272/1997001
02-Training LTA	T-Training	Z-Other	50-272/1997001
02-Training LTA	T-Training	Z-Other	50-272/1997001
05-Individual knowl	H-Health Physics	H-Health Physics	50-272/1997007
02-Training LTA	T-Training	G-Design	50-272/1997008
02-Training LTA	T-Training	Z-Other	50-272/1997019
05-Individual knowl	O-Operations	Z-Other	50-272/1997019
06-Simulator fideli	T-Training	Z-Other	50-272/1997019
03-Training process	T-Training	A-Administrative	50-272/1997019
05-Individual knowl	O-Operations	O-Control Room Ops	50-272/1997081
01-No Training	T-Training	O-Control Room Ops	50-272/1997081

## Training ER

Number of items: 0

Percent of total: 0

## Training LER

Number of items: 1

Percent of total: .62

02-Training LTA	O-Operations	T-Testing	50-272/199701200
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## Work Factors IR

Number of items: 67

Percent of total: 41.36

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## Work Factors IR

Number of items: 67

Percent of Total: 41.36

84-Non-conserv. dec	O-Operations	U-Unknown	50-272/1996017
81-Work Package Qua	G-Engineering	F-Modification	50-272/1997002
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-272/1997003
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-272/1997003
83-Work practice or	Z-Other	M-Maint / Repair	50-272/1997003
83-Work practice or	M-Mechanical	T-Testing	50-272/1997003
83-Work practice or	G-Engineering	F-Modification	50-272/1997003
85-Team interaction	W-Work Control / Sc	M-Maint / Repair	50-272/1997003
83-Work practice or	G-Engineering	T-Testing	50-272/1997003
83-Work practice or	G-Engineering	T-Testing	50-272/1997003
81-Work Package Qua	G-Engineering	G-Design	50-272/1997003
81-Work Package Qua	G-Engineering	G-Design	50-272/1997003
81-Work Package Qua	G-Engineering	G-Design	50-272/1997004
86-Work untimely	O-Operations	O-Control Room Ops	50-272/1997007
83-Work practice or	O-Operations	O-Control Room Ops	50-272/1997007
85-Team interaction	O-Operations	O-Control Room Ops	50-272/1997007
94-Log-keeping or r	H-Health Physics	A-Administrative	50-272/1997007
83-Work practice or	H-Health Physics	H-Health Physics	50-272/1997007
94-Log-keeping or r	Z-Other	M-Maint / Repair	50-272/1997007
83-Work practice or	G-Engineering	G-Design	50-272/1997008
84-Non-conserv. dec	G-Engineering	G-Design	50-272/1997008
83-Work practice or	G-Engineering	G-Design	50-272/1997008
83-Work practice or	G-Engineering	G-Design	50-272/1997008
81-Work Package Qua	G-Engineering	G-Design	50-272/1997009
84-Non-conserv. dec	B-Plant Management	G-Design	50-272/1997009

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81-Work Package Qua	G-Engineering	G-Design	50-272/1997009
83-Work practice or	G-Engineering	T-Testing	50-272/1997009
83-Work practice or	G-Engineering	T-Testing	50-272/1997009
83-Work practice or	G-Engineering	T-Testing	50-272/1997009
84-Non-conserv. dec	B-Plant Management	G-Design	50-272/1997009
84-Non-conserv. dec	B-Plant Management	G-Design	50-272/1997009
88-Tag outs LTA	G-Engineering	T-Testing	50-272/1997012
83-Work practice or	G-Engineering	T-Testing	50-272/1997012
84-Non-conserv. dec	G-Engineering	T-Testing	50-272/1997012
81-Work Package Qua	G-Engineering	G-Design	50-272/1997012
86-Work untimely	G-Engineering	A-Administrative	50-272/1997012
86-Work untimely	G-Engineering	F-Modification	50-272/1997012
81-Work Package Qua	G-Engineering	G-Design	50-272/1997016
83-Work practice or	G-Engineering	F-Modification	50-272/1997016
93-Awareness or att	I-Instrumentation &	F-Modification	50-272/1997018
93-Awareness or att	O-Operations	F-Modification	50-272/1997018
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-272/1997018
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-272/1997018
83-Work practice or	M-Mechanical	M-Maint / Repair	50-272/1997018
83-Work practice or	M-Mechanical	M-Maint / Repair	50-272/1997018
93-Awareness or att	O-Operations	O-Control Room Ops	50-272/1997018
93-Awareness or att	Z-Other	Z-Other	50-272/1997018
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-272/1997019
83-Work practice or	O-Operations	O-Control Room Ops	50-272/1997019
92-Self check LTA	O-Operations	O-Control Room Ops	50-272/1997019

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## Work Factors IR

Number of items: 67

Percent of Total: 41.36

86-Work untimely	I-Instrumentation &	O-Control Room Ops	50-272/1997019
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-272/1997019
84-Non-conserv. dec	C-Chemistry	O-Control Room Ops	50-272/1997019
94-Log-keeping or r	O-Operations	P-Procedure Dev	50-272/1997019
93-Awareness or att	O-Operations	O-Control Room Ops	50-272/1997019
93-Awareness or att	O-Operations	O-Control Room Ops	50-272/1997019
83-Work practice or	O-Operations	O-Control Room Ops	50-272/1997019
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-272/1997019
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-272/1997019
83-Work practice or	W-Work Control / Sc	M-Maint / Repair	50-272/1997019
93-Awareness or att	O-Operations	Z-Other	50-272/1997019
83-Work practice or	T-Training	Z-Other	50-272/1997019
83-Work practice or	T-Training	Z-Other	50-272/1997019
83-Work practice or	T-Training	A-Administrative	50-272/1997019
83-Work practice or	G-Engineering	G-Design	50-272/1997020
83-Work practice or	G-Engineering	G-Design	50-272/1997020
83-Work practice or	G-Engineering	G-Design	50-272/1997020

## Work Factors ER

Number of items: 0

Percent of total: 0

## Work Factors LER

Number of items: 7

Percent of total: 4.32

87-Non-conservati	C-Chemistry	T-Testing	50-272/199700500
87-Non-conservati	O-Operations	O-Control Room Ops	50-272/199700700
87-Non-conservati	P-Procedure Writers	A-Administrative	50-272/199700800
87-Non-conservati	P-Procedure Writers	T-Testing	50-272/199700800
87-Non-conservati	E-Electrical	T-Testing	50-272/199701300
83-Work practice or	M-Mechanical	M-Maint / Repair	50-272/199800200
83-Work practice or	M-Mechanical	M-Maint / Repair	50-272/199800201

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