

# 1998 Human Factors Information System Report for Plant Docket 255

Combined IR/ER/LER Report  
Docket: 50-255 PALISADES

Total Number of Hits in Date Range: 131  
From 01/01/1998 to 12/31/1998  
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 5			
Percent of total: 3.82			
54-No communication	O-Operations	O-Control Room Ops	50-255/1997018
	O-Operations		
54-No communication	G-Engineering	S-Surveillance	50-255/1997018
	G-Engineering		
53-Communication LT	O-Operations	O-Control Room Ops	50-255/1998002
	O-Operations		
55-Communication Eq	D-Emergency Plannin	D-Emergency Drill	50-255/1998002
	D-Emergency Plannin		
51-Misunderstood /	G-Engineering	T-Testing	50-255/1998006
	G-Engineering		
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 3			
Percent of total: 2.29			
53-Communication LT	U-Unknown	B-Bal of Plant Ops	50-255/199800300
	U-Unknown		
53-Communication LT	I-Instrumentation & M-Maint / Repair		50-255/199800500
	O-Operations		
53-Communication LT	I-Instrumentation & M-Maint / Repair		50-255/199800501
	O-Operations		
Human-System Interface and Environm IR			
Number of items: 3			
Percent of total: 2.29			
72-Lighting LTA	O-Operations	O-Control Room Ops	50-255/1997018
76-Postings LTA	U-Unknown	Z-Other	50-255/1998002
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-255/1998005
Human-System Interface and Environm ER			
Number of items: 0			
Percent of total: 0			
Human-System Interface and Environm LER			
Number of items: 2			
Percent of total: 1.53			
67-Function LTA (ac	U-Unknown	B-Bal of Plant Ops	50-255/199800300
61-Labels LTA	U-Unknown	B-Bal of Plant Ops	50-255/199800300
Management and Supervision IR			
Number of items: 21			
Percent of total: 16.03			
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-255/1997013
33-Management expec	O-Operations	A-Administrative	50-255/1997018
43-Operating Experi	G-Engineering	Z-Other	50-255/1997018

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Management and Supervision IR			
Number of items: 21			
Percent of Total: 16.03			
40-Individual Corre	O-Operations	Z-Other	50-255/1998002
41-Action not begun	O-Operations	P-Procedure Dev	50-255/1998002

33-Management expect	O-Operations	P-Procedure Dev	50-255/1998002
32-Supervision / co	O-Operations	O-Control Room Ops	50-255/1998002
40-Individual Corre	G-Engineering	Z-Other	50-255/1998002
48-Audits or proble	Q-QA/QC	Z-Other	50-255/1998006
47-Root Cause LTA	O-Operations	V-Troubleshooting	50-255/1998010
47-Root Cause LTA	G-Engineering	Z-Other	50-255/1998010
40-Individual Corre	G-Engineering	Z-Other	50-255/1998012
40-Individual Corre	G-Engineering	Z-Other	50-255/1998012
32-Supervision / co	G-Engineering	G-Design	50-255/1998012
48-Audits or proble	Q-QA/QC	Z-Other	50-255/1998013
32-Supervision / co	O-Operations	O-Control Room Ops	50-255/1998017
32-Supervision / co	O-Operations	O-Control Room Ops	50-255/1998017
32-Supervision / co	O-Operations	S-Surveillance	50-255/1998017
32-Supervision / co	O-Operations	S-Surveillance	50-255/1998017
33-Management expect	O-Operations	S-Surveillance	50-255/1998017
41-Action not begun	O-Operations	Q-Fire Protection	50-255/1998017

## Management and Supervision ER

Number of items: 0  
Percent of total: 0

## Management and Supervision LER

Number of items: 1  
Percent of total: .76

34-Perceived pressu	G-Engineering	F-Modification	50-255/199800200
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## Organizational Issues IR

Number of items: 1  
Percent of total: .76

22-Poor Task Alloca	O-Operations	O-Control Room Ops	50-255/1998002
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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: 25  
Percent of total: 19.08

12-Procedure techni	G-Engineering	G-Design	50-255/1997013
11-No procedure / r	G-Engineering	G-Design	50-255/1997018
12-Procedure techni	G-Engineering	G-Design	50-255/1998002
13-Procedure has hu	G-Engineering	G-Design	50-255/1998002
13-Procedure has hu	G-Engineering	G-Design	50-255/1998002
13-Procedure has hu	G-Engineering	G-Design	50-255/1998002

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## Procedures and Reference Document IR

Number of items: 25  
Percent of Total: 19.08

13-Procedure has hu	G-Engineering	G-Design	50-255/1998002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-255/1998005
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-255/1998005
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-255/1998006
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-255/1998006
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-255/1998010
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-255/1998010
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-255/1998010
12-Procedure techni	G-Engineering	G-Design	50-255/1998010
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-255/1998010
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-255/1998011
11-No procedure / r	G-Engineering	G-Design	50-255/1998011
13-Procedure has hu	G-Engineering	G-Design	50-255/1998012
13-Procedure has hu	G-Engineering	G-Design	50-255/1998012
13-Procedure has hu	G-Engineering	G-Design	50-255/1998012
12-Procedure techni	O-Operations	Q-Fire Protection	50-255/1998013
12-Procedure techni	O-Operations	Q-Fire Protection	50-255/1998013
13-Procedure has hu	O-Operations	Q-Fire Protection	50-255/1998013
12-Procedure techni	G-Engineering	Q-Fire Protection	50-255/1998013

## Procedures and Reference Document ER

Number of items: 0  
Percent of total: 0

## Procedures and Reference Document LER

Number of items: 2  
Percent of total: 1.53

14-Document develop	G-Engineering	P-Procedure Dev	50-255/199800700
14-Document develop	O-Operations	P-Procedure Dev	50-255/199800700

## Training IR

Number of items: 11  
Percent of total: 8.4

05-Individual knowl	O-Operations	Z-Other	50-255/1997018
05-Individual knowl	G-Engineering	G-Design	50-255/1998002
05-Individual knowl	O-Operations	O-Control Room Ops	50-255/1998002
02-Training LTA	T-Training	H-Health Physics	50-255/1998002
05-Individual knowl	M-Mechanical	B-Bal of Plant Ops	50-255/1998005
05-Individual knowl	G-Engineering	G-Design	50-255/1998005
04-Task Qualificati	Q-QA/QC	Z-Other	50-255/1998006
02-Training LTA	T-Training	Z-Other	50-255/1998010
05-Individual knowl	G-Engineering	S-Surveillance	50-255/1998010
02-Training LTA	T-Training	S-Surveillance	50-255/1998010
02-Training LTA	T-Training	G-Design	50-255/1998012

## Training ER

Number of items: 0  
Percent of total: 0

## Training LER

Number of items: 3  
Percent of total: 2.29

02-Training LTA	G-Engineering	P-Procedure Dev	50-255/199800700
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## Training LER

Number of items: 3  
Percent of Total: 2.29

02-Training LTA	O-Operations	P-Procedure Dev	50-255/199800700
05-Individual knowl	P-Procedure Writers	P-Procedure Dev	50-255/199800800

## Work Factors IR

Number of items: 46  
Percent of total: 35.11

84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-255/1997013
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-255/1997013
81-Work Package Qua	G-Engineering	F-Modification	50-255/1997013
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-255/1997013
86-Work untimely	D-Emergency Plannin	D-Emergency Drill	50-255/1997013
93-Awareness or att	O-Operations	O-Control Room Ops	50-255/1997018
81-Work Package Qua	O-Operations	Z-Other	50-255/1997018
93-Awareness or att	O-Operations	S-Surveillance	50-255/1997018
84-Non-conserv. dec	I-Instrumentation &	T-Testing	50-255/1998002
93-Awareness or att	I-Instrumentation &	M-Maint / Repair	50-255/1998002
82-Briefing, prep.	E-Electrical	H-Health Physics	50-255/1998002
84-Non-conserv. dec	D-Emergency Plannin	D-Emergency Drill	50-255/1998002
94-Log-keeping or r	O-Operations	A-Administrative	50-255/1998005
89-Housekeeping LTA	M-Mechanical	M-Maint / Repair	50-255/1998005
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-255/1998005
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-255/1998005
89-Housekeeping LTA	M-Mechanical	T-Testing	50-255/1998005
89-Housekeeping LTA	E-Electrical	M-Maint / Repair	50-255/1998005
84-Non-conserv. dec	G-Engineering	G-Design	50-255/1998005
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-255/1998006
93-Awareness or att	Q-QA/QC	A-Administrative	50-255/1998006
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-255/1998010
92-Self check LTA	O-Operations	T-Testing	50-255/1998010
93-Awareness or att	O-Operations	O-Control Room Ops	50-255/1998010
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-255/1998010
94-Log-keeping or r	O-Operations	A-Administrative	50-255/1998010
94-Log-keeping or r	O-Operations	A-Administrative	50-255/1998010
93-Awareness or att	P-Procedure Writers	P-Procedure Dev	50-255/1998010
93-Awareness or att	O-Operations	O-Control Room Ops	50-255/1998010

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91-Verification / p	G-Engineering	O-Control Room Ops	50-255/1998010
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-255/1998010
83-Work practice or	M-Mechanical	M-Maint / Repair	50-255/1998010
81-Work Package Qua	G-Engineering	F-Modification	50-255/1998010
93-Awareness or att	G-Engineering	A-Administrative	50-255/1998010
93-Awareness or att	G-Engineering	G-Design	50-255/1998012
93-Awareness or att	G-Engineering	G-Design	50-255/1998012
85-Team interaction	G-Engineering	G-Design	50-255/1998012
83-Work practice or	G-Engineering	Q-Fire Protection	50-255/1998013
84-Non-conserv. dec	G-Engineering	Q-Fire Protection	50-255/1998013
93-Awareness or att	O-Operations	G-Design	50-255/1998013
93-Awareness or att	O-Operations	G-Design	50-255/1998013
93-Awareness or att	O-Operations	G-Design	50-255/1998013
81-Work Package Qua	G-Engineering	F-Modification	50-255/1998013
84-Non-conserv. dec	W-Work Control / Sc	M-Maint / Repair	50-255/1998017

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Work Factors IR			
Number of items: 46			
Percent of Total: 35.11			
93-Awareness or att	O-Operations	Q-Fire Protection	50-255/1998017
93-Awareness or att	O-Operations	Q-Fire Protection	50-255/1998017
Work Factors ER			
Number of items: 0			
Percent of total: 0			
Work Factors LER			
Number of items: 8			
Percent of total: 6.11			
83-Work practice or	G-Engineering	F-Modification	50-255/199800200
84-Non-conserv. dec	G-Engineering	F-Modification	50-255/199800200
81-Work Package Qua	G-Engineering	F-Modification	50-255/199800500
83-Work practice or	G-Engineering	F-Modification	50-255/199800501
82-Briefing, prep.	O-Operations	T-Testing	50-255/199800700
83-Work practice or	O-Operations	T-Testing	50-255/199800700
84-Non-conserv. dec	O-Operations	T-Testing	50-255/199800700
92-Self check LTA	M-Mechanical	M-Maint / Repair	50-255/199800900

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[End of File for Plant Docket 255 (1998)]