

# 1998 Human Factors Information System Report for Plant Docket 298

Combined IR/ER/LER Report  
Docket: 50-298 COOPER

Total Number of Hits in Date Range: 145  
From 01/01/1998 to 12/31/1998  
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 10			
Percent of total: 6.9			
53-Communication LT	O-Operations	Z-Other	50-298/1997010
	O-Operations		
53-Communication LT	O-Operations	Z-Other	50-298/1997010
	O-Operations		
53-Communication LT	O-Operations	Z-Other	50-298/1997010
	O-Operations		
53-Communication LT	O-Operations	Z-Other	50-298/1997010
	O-Operations		
55-Communication Eq	O-Operations	O-Control Room Ops	50-298/1998001
	O-Operations		
54-No communication	O-Operations	O-Control Room Ops	50-298/1998001
	O-Operations		
55-Communication Eq	O-Operations	Q-Fire Protection	50-298/1998001
	O-Operations		
53-Communication LT	O-Operations	D-Emergency Drill	50-298/1998001
	O-Operations		
54-No communication	G-Engineering	G-Design	50-298/1998002
	G-Engineering		
52-Communication un	G-Engineering	G-Design	50-298/1998002
	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: 31			
Percent of total: 21.38			
40-Individual Corre	O-Operations	Z-Other	50-298/1997010
40-Individual Corre	O-Operations	Z-Other	50-298/1997010
40-Individual Corre	O-Operations	Z-Other	50-298/1997010
40-Individual Corre	O-Operations	Z-Other	50-298/1997010

Page: 1 Date:01/13/1999

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 31			
Percent of Total: 21.38			
36-Scheduling and p	M-Mechanical	M-Maint / Repair	50-298/1997010
36-Scheduling and p	G-Engineering	M-Maint / Repair	50-298/1997010

## Human Factors Information System Report

36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-298/1997010
41-Action not begun	G-Engineering	Z-Other	50-298/1997011
32-Supervision / co	O-Operations	O-Control Room Ops	50-298/1998001
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-298/1998001
36-Scheduling and p	W-Work Control / Sc	V-Troubleshooting	50-298/1998001
40-Individual Corre	M-Mechanical	Z-Other	50-298/1998001
48-Audits or proble	D-Emergency Plannin	Z-Other	50-298/1998001
48-Audits or proble	O-Operations	Z-Other	50-298/1998002
48-Audits or proble	T-Training	Z-Other	50-298/1998002
40-Individual Corre	G-Engineering	Z-Other	50-298/1998002
40-Individual Corre	M-Mechanical	Z-Other	50-298/1998002
40-Individual Corre	P-Procedure Writers	Z-Other	50-298/1998002
40-Individual Corre	G-Engineering	Z-Other	50-298/1998002
40-Individual Corre	O-Operations	Z-Other	50-298/1998002
47-Root Cause LTA	G-Engineering	G-Design	50-298/1998002
47-Root Cause LTA	O-Operations	Z-Other	50-298/1998005
41-Action not begun	O-Operations	Z-Other	50-298/1998005
41-Action not begun	M-Mechanical	Z-Other	50-298/1998005
40-Individual Corre	M-Mechanical	Z-Other	50-298/1998005
40-Individual Corre	M-Mechanical	Z-Other	50-298/1998005
44-Corrective Actio	B-Plant Management	Z-Other	50-298/1998005
40-Individual Corre	O-Operations	Z-Other	50-298/1998005
41-Action not begun	O-Operations	Z-Other	50-298/1998005
41-Action not begun	G-Engineering	Z-Other	50-298/1998005
43-Operating Experi	G-Engineering	Z-Other	50-298/1998021

## 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: 0

Percent of total: 0

## 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: 20

Percent of total: 13.79

12-Procedure techni	G-Engineering	G-Design	50-298/1997010
Page: 2	Date:01/13/1999		

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## Procedures and Reference Document IR

Number of items: 20

Percent of Total: 13.79

11-No procedure / r	G-Engineering	G-Design	50-298/1997010
11-No procedure / r	G-Engineering	G-Design	50-298/1997010
12-Procedure techni	G-Engineering	G-Design	50-298/1997010
13-Procedure has hu	G-Engineering	G-Design	50-298/1997011
12-Procedure techni	G-Engineering	G-Design	50-298/1997011
12-Procedure techni	G-Engineering	G-Design	50-298/1997011
12-Procedure techni	G-Engineering	G-Design	50-298/1997011
12-Procedure techni	G-Engineering	G-Design	50-298/1997011
12-Procedure techni	G-Engineering	G-Design	50-298/1998002
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-298/1998002
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-298/1998002
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-298/1998002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-298/1998002
13-Procedure has hu	G-Engineering	G-Design	50-298/1998002
11-No procedure / r	G-Engineering	F-Modification	50-298/1998002
11-No procedure / r	G-Engineering	F-Modification	50-298/1998002
11-No procedure / r	G-Engineering	F-Modification	50-298/1998002
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-298/1998005

## Human Factors Information System Report

12-Procedure techni P-Procedure Writers P-Procedure Dev 50-298/1998005

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: 1.38

12-Procedure techni M-Mechanical T-Testing 50-298/199800100  
 12-Procedure techni A-Administrative Su S-Surveillance 50-298/199800400

Training IR  
 Number of items: 6  
 Percent of total: 4.14

05-Individual knowl O-Operations O-Control Room Ops 50-298/1997011  
 05-Individual knowl O-Operations O-Control Room Ops 50-298/1997011  
 05-Individual knowl G-Engineering G-Design 50-298/1998002  
 05-Individual knowl G-Engineering G-Design 50-298/1998002  
 05-Individual knowl G-Engineering G-Design 50-298/1998002  
 05-Individual knowl O-Operations O-Control Room Ops 50-298/1998005

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: 75  
 Percent of total: 51.72  
 89-Housekeeping LTA M-Mechanical M-Maint / Repair 50-298/1997010  
 Page: 3 Date:01/13/1999

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Work Factors IR			
Number of items: 75			
Percent of Total: 51.72			
83-Work practice or	M-Mechanical	M-Maint / Repair	50-298/1997010
83-Work practice or	M-Mechanical	V-Troubleshooting	50-298/1997010
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-298/1997010
84-Non-conserv. dec	G-Engineering	M-Maint / Repair	50-298/1997010
83-Work practice or	M-Mechanical	V-Troubleshooting	50-298/1997010
93-Awareness or att	G-Engineering	T-Testing	50-298/1997010
81-Work Package Qua	G-Engineering	F-Modification	50-298/1997010
84-Non-conserv. dec	Z-Other	Z-Other	50-298/1997010
89-Housekeeping LTA	U-Unknown	Q-Fire Protection	50-298/1997010
94-Log-keeping or r	O-Operations	A-Administrative	50-298/1997011
94-Log-keeping or r	O-Operations	A-Administrative	50-298/1997011
88-Tag outs LTA	O-Operations	B-Bal of Plant Ops	50-298/1997011
93-Awareness or att	O-Operations	O-Control Room Ops	50-298/1997011
93-Awareness or att	O-Operations	O-Control Room Ops	50-298/1997011
81-Work Package Qua	G-Engineering	F-Modification	50-298/1997011
93-Awareness or att	O-Operations	A-Administrative	50-298/1997011
83-Work practice or	O-Operations	O-Control Room Ops	50-298/1997011
83-Work practice or	I-Instrumentation &	A-Administrative	50-298/1997011
93-Awareness or att	G-Engineering	A-Administrative	50-298/1997011
81-Work Package Qua	G-Engineering	G-Design	50-298/1997011
83-Work practice or	G-Engineering	F-Modification	50-298/1997011
84-Non-conserv. dec	Z-Other	Z-Other	50-298/1997011
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-298/1998001
81-Work Package Qua	O-Operations	O-Control Room Ops	50-298/1998001
81-Work Package Qua	O-Operations	O-Control Room Ops	50-298/1998001
93-Awareness or att	O-Operations	O-Control Room Ops	50-298/1998001
93-Awareness or att	O-Operations	O-Control Room Ops	50-298/1998001
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-298/1998001
89-Housekeeping LTA	M-Mechanical	M-Maint / Repair	50-298/1998001
81-Work Package Qua	W-Work Control / Sc	V-Troubleshooting	50-298/1998001
83-Work practice or	O-Operations	M-Maint / Repair	50-298/1998001
81-Work Package Qua	G-Engineering	G-Design	50-298/1998001
85-Team interaction	M-Mechanical	H-Health Physics	50-298/1998001
85-Team interaction	H-Health Physics	H-Health Physics	50-298/1998001

## Human Factors Information System Report

85-Team interaction	G-Engineering	H-Health Physics	50-298/1998001
85-Team interaction	Q-QA/QC	H-Health Physics	50-298/1998001
84-Non-conserv. dec	G-Engineering	D-Emergency Drill	50-298/1998001
84-Non-conserv. dec	D-Emergency Plannin	D-Emergency Drill	50-298/1998001
93-Awareness or att	G-Engineering	G-Design	50-298/1998002
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-298/1998002
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-298/1998002
93-Awareness or att	O-Operations	A-Administrative	50-298/1998002
81-Work Package Qua	G-Engineering	G-Design	50-298/1998002
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-298/1998002
86-Work untimely	O-Operations	Z-Other	50-298/1998002
85-Team interaction	O-Operations	Z-Other	50-298/1998002
85-Team interaction	G-Engineering	Z-Other	50-298/1998002
83-Work practice or	M-Mechanical	M-Maint / Repair	50-298/1998002
81-Work Package Qua	G-Engineering	F-Modification	50-298/1998002
81-Work Package Qua	G-Engineering	G-Design	50-298/1998002

Page: 4 Date:01/13/1999

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Percent of Total: 51.72			
83-Work practice or	G-Engineering	G-Design	50-298/1998002
84-Non-conserv. dec	G-Engineering	G-Design	50-298/1998002
83-Work practice or	G-Engineering	G-Design	50-298/1998002
86-Work untimely	G-Engineering	G-Design	50-298/1998002
83-Work practice or	G-Engineering	A-Administrative	50-298/1998002
81-Work Package Qua	G-Engineering	F-Modification	50-298/1998002
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-298/1998002
83-Work practice or	G-Engineering	G-Design	50-298/1998002
84-Non-conserv. dec	G-Engineering	G-Design	50-298/1998002
83-Work practice or	G-Engineering	G-Design	50-298/1998002
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-298/1998005
83-Work practice or	M-Mechanical	M-Maint / Repair	50-298/1998005
85-Team interaction	G-Engineering	M-Maint / Repair	50-298/1998005
85-Team interaction	W-Work Control / Sc	M-Maint / Repair	50-298/1998005
85-Team interaction	G-Engineering	T-Testing	50-298/1998005
85-Team interaction	E-Electrical	T-Testing	50-298/1998005
83-Work practice or	M-Mechanical	M-Maint / Repair	50-298/1998005
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-298/1998005
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-298/1998005
81-Work Package Qua	G-Engineering	G-Design	50-298/1998005
85-Team interaction	G-Engineering	A-Administrative	50-298/1998005
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-298/1998006
84-Non-conserv. dec	G-Engineering	G-Design	50-298/1998006
93-Awareness or att	G-Engineering	G-Design	50-298/1998006

Work Factors ER  
Number of items: 0  
Percent of total: 0

Work Factors LER  
Number of items: 1  
Percent of total: .69  
83-Work practice or O-Operations P-Procedure Dev 50-298/199800700  
Page: 5 Date:01/13/1999

[End of File for Plant Docket 298 (1998)]