

1999 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: 133
From 01/01/1999 to 12/31/1999
2x National Average: 226

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 2			
Percent of total: 1.5			
53-Communication LT	O-Operations	O-Control Room Ops	50-298/1999001
	O-Operations		
55-Communication Eq	D-Emergency Plannin	D-Emergency Drill	50-298/1999012
	D-Emergency Plannin		
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: 1			
Percent of total: .75			
73-Excessive Noise	D-Emergency Plannin	D-Emergency Drill	50-298/1999012
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: 39			
Percent of total: 29.32			
40-Individual Corre	O-Operations	Z-Other	50-298/1998009
41-Action not begun	O-Operations	Z-Other	50-298/1998009
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-298/1998022
32-Supervision / co	W-Work Control / Sc	M-Maint / Repair	50-298/1998022
44-Corrective Actio	G-Engineering	Z-Other	50-298/1998022
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-298/1998022
32-Supervision / co	W-Work Control / Sc	M-Maint / Repair	50-298/1998022
32-Supervision / co	W-Work Control / Sc	M-Maint / Repair	50-298/1998022
40-Individual Corre	O-Operations	Z-Other	50-298/1999001
40-Individual Corre	O-Operations	Z-Other	50-298/1999001
48-Audits or proble	O-Operations	Z-Other	50-298/1999001
33-Management expec	B-Plant Management	Z-Other	50-298/1999001
44-Corrective Actio	O-Operations	Z-Other	50-298/1999001
44-Corrective Actio	O-Operations	Z-Other	50-298/1999001
44-Corrective Actio	O-Operations	Z-Other	50-298/1999001
44-Corrective Actio	O-Operations	Z-Other	50-298/1999001
33-Management expec	Q-QA/QC	Z-Other	50-298/1999001
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-298/1999001
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-298/1999001
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-298/1999001

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

Total Number of Hits in Date Range: 133
From 01/01/1999 to 12/31/1999
2x National Average: 226

Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 39			
Percent of Total: 29.32			
32-Supervision / co	E-Electrical	M-Maint / Repair	50-298/1999001
40-Individual Corre	E-Electrical	Z-Other	50-298/1999001

Human Factors Information System Report

44-Corrective Actio	G-Engineering	Z-Other	50-298/1999003
41-Action not begun	G-Engineering	Z-Other	50-298/1999003
47-Root Cause LTA	G-Engineering	Z-Other	50-298/1999003
40-Individual Corre	G-Engineering	Z-Other	50-298/1999003
41-Action not begun	G-Engineering	Z-Other	50-298/1999003
33-Management expec	D-Emergency Plannin	H-Health Physics	50-298/1999003
32-Supervision / co	M-Mechanical	H-Health Physics	50-298/1999003
44-Corrective Actio	B-Plant Management	Z-Other	50-298/1999003
40-Individual Corre	G-Engineering	Z-Other	50-298/1999004
40-Individual Corre	G-Engineering	Z-Other	50-298/1999004
32-Supervision / co	E-Electrical	M-Maint / Repair	50-298/1999007
47-Root Cause LTA	D-Emergency Plannin	D-Emergency Drill	50-298/1999012
40-Individual Corre	D-Emergency Plannin	D-Emergency Drill	50-298/1999012
42-No action planne	D-Emergency Plannin	D-Emergency Drill	50-298/1999012
44-Corrective Actio	D-Emergency Plannin	D-Emergency Drill	50-298/1999012
36-Scheduling and p	O-Operations	V-Troubleshooting	50-298/1999014
36-Scheduling and p	E-Electrical	V-Troubleshooting	50-298/1999014
36-Scheduling and p	O-Operations	V-Troubleshooting	50-298/1999014

Management and Supervision ER

Number of items: 0
Percent of total: 0

Management and Supervision LER

Number of items: 2
Percent of total: 1.5

36-Scheduling and p	M-Mechanical	T-Testing	50-298/199900300
36-Scheduling and p	E-Electrical	V-Troubleshooting	50-298/199900800

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: 15.04

13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-298/1998009
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-298/1998009
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-298/1998009
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-298/1998009

Page: 2 Date:03/17/2000

Combined IR/ER/LER Report

Docket: 50-298 COOPER

Total Number of Hits in Date Range: 133
From 01/01/1999 to 12/31/1999
2x National Average: 226

Details	Department	Work Type	Docket/Report
---------	------------	-----------	---------------

Procedures and Reference Document IR

Number of items: 20
Percent of Total: 15.04

12-Procedure techni	G-Engineering	G-Design	50-298/1998009
12-Procedure techni	G-Engineering	G-Design	50-298/1998009
13-Procedure has hu	G-Engineering	G-Design	50-298/1999003
11-No procedure / r	G-Engineering	G-Design	50-298/1999003
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-298/1999004
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-298/1999004
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-298/1999004
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-298/1999004
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-298/1999004
12-Procedure techni	G-Engineering	G-Design	50-298/1999005
12-Procedure techni	G-Engineering	G-Design	50-298/1999005
13-Procedure has hu	G-Engineering	G-Design	50-298/1999005
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-298/1999011
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-298/1999011
13-Procedure has hu	G-Engineering	G-Design	50-298/1999011
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-298/1999013

Procedures and Reference Document ER

Number of items: 0
Percent of total: 0

Procedures and Reference Document LER

Number of items: 8
 Percent of total: 6.02

12-Procedure techni	E-Electrical	M-Maint / Repair	50-298/006_____
12-Procedure techni	I-Instrumentation &	C-Calibration	50-298/199900100
14-Document develop	I-Instrumentation &	G-Design	50-298/199900100
12-Procedure techni	M-Mechanical	T-Testing	50-298/199900300
12-Procedure techni	G-Engineering	F-Modification	50-298/199900700
12-Procedure techni	O-Operations	B-Bal of Plant Ops	50-298/199900700
12-Procedure techni	G-Engineering	F-Modification	50-298/199900701
12-Procedure techni	O-Operations	O-Control Room Ops	50-298/199900701

Training IR

Number of items: 6
 Percent of total: 4.51

02-Training LTA	T-Training	B-Bal of Plant Ops	50-298/1998009
02-Training LTA	M-Mechanical	M-Maint / Repair	50-298/1998009
06-Simulator fideli	T-Training	Z-Other	50-298/1999001
03-Training process	T-Training	Z-Other	50-298/1999003
04-Task Qualificati	G-Engineering	G-Design	50-298/1999003
04-Task Qualificati	E-Electrical	V-Troubleshooting	50-298/1999014

Training ER

Number of items: 1
 Percent of total: .75

02-Training LTA	T-Training	Z-Other	50-298/1999301
-----------------	------------	---------	----------------

Training LER

Number of items: 1
 Percent of total: .75

01-No Training	T-Training	V-Troubleshooting	50-298/199900800
----------------	------------	-------------------	------------------

Work Factors IR

Number of items: 44
 Percent of total: 33.08
 Page: 3 Date:03/17/2000

Combined IR/ER/LER Report

Docket: 50-298 COOPER

Total Number of Hits in Date Range: 133
 From 01/01/1999 to 12/31/1999
 2x National Average: 226

Details	Department	Work Type	Docket/Report
---------	------------	-----------	---------------

Work Factors IR

Number of items: 44
 Percent of Total: 33.08

84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-298/1998009
81-Work Package Qua	O-Operations	O-Control Room Ops	50-298/1998009
83-Work practice or	O-Operations	M-Maint / Repair	50-298/1998009
89-Housekeeping LTA	M-Mechanical	K-Housekeeping	50-298/1998009
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-298/1998009
93-Awareness or att	G-Engineering	T-Testing	50-298/1998009
91-Verification / p	G-Engineering	T-Testing	50-298/1998009
93-Awareness or att	G-Engineering	M-Maint / Repair	50-298/1998022
83-Work practice or	G-Engineering	F-Modification	50-298/1998022
85-Team interaction	G-Engineering	O-Control Room Ops	50-298/1999001
85-Team interaction	E-Electrical	O-Control Room Ops	50-298/1999001
85-Team interaction	C-Chemistry	O-Control Room Ops	50-298/1999001
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-298/1999001
93-Awareness or att	O-Operations	O-Control Room Ops	50-298/1999001
87-Non-conservative	U-Unknown	Z-Other	50-298/1999001
84-Non-conserv. dec	O-Operations	Z-Other	50-298/1999001
84-Non-conserv. dec	Z-Other	Z-Other	50-298/1999001
94-Log-keeping or r	Z-Other	Z-Other	50-298/1999001
84-Non-conserv. dec	G-Engineering	G-Design	50-298/1999003
93-Awareness or att	O-Operations	A-Administrative	50-298/1999003
85-Team interaction	H-Health Physics	M-Maint / Repair	50-298/1999003
83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-298/1999003
83-Work practice or	H-Health Physics	H-Health Physics	50-298/1999003
84-Non-conserv. dec	G-Engineering	G-Design	50-298/1999003
93-Awareness or att	O-Operations	O-Control Room Ops	50-298/1999004
93-Awareness or att	O-Operations	O-Control Room Ops	50-298/1999004
93-Awareness or att	G-Engineering	O-Control Room Ops	50-298/1999004
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-298/1999004
84-Non-conserv. dec	G-Engineering	O-Control Room Ops	50-298/1999004
83-Work practice or	O-Operations	S-Surveillance	50-298/1999004
81-Work Package Qua	G-Engineering	M-Maint / Repair	50-298/1999005
93-Awareness or att	G-Engineering	G-Design	50-298/1999005

Human Factors Information System Report

93-Awareness or att	G-Engineering	G-Design	50-298/1999005
93-Awareness or att	G-Engineering	G-Design	50-298/1999005
93-Awareness or att	G-Engineering	G-Design	50-298/1999005
93-Awareness or att	G-Engineering	G-Design	50-298/1999005
83-Work practice or	E-Electrical	M-Maint / Repair	50-298/1999007
84-Non-conserv. dec	E-Electrical	M-Maint / Repair	50-298/1999007
93-Awareness or att	G-Engineering	F-Modification	50-298/1999011
84-Non-conserv. dec	G-Engineering	F-Modification	50-298/1999011
83-Work practice or	G-Engineering	F-Modification	50-298/1999011
93-Awareness or att	D-Emergency Plannin	A-Administrative	50-298/1999012
83-Work practice or	E-Electrical	V-Troubleshooting	50-298/1999014
93-Awareness or att	O-Operations	S-Surveillance	50-298/1999014

Work Factors ER

Number of items: 0
Percent of total: 0

Work Factors LER

Number of items: 9
Percent of total: 6.77

81-Work Package Qua	E-Electrical	M-Maint / Repair	50-298/006_____
---------------------	--------------	------------------	-----------------

Page: 4 Date:03/17/2000

Combined IR/ER/LER Report

Docket: 50-298 COOPER

Total Number of Hits in Date Range: 133

From 01/01/1999 to 12/31/1999

2x National Average: 226

Details	Department	Work Type	Docket/Report
---------	------------	-----------	---------------

Work Factors LER

Number of items: 9
Percent of Total: 6.77

82-Briefing, prep.	E-Electrical	M-Maint / Repair	50-298/006_____
84-Non-conserv. dec	G-Engineering	F-Modification	50-298/199900700
82-Briefing, prep.	O-Operations	B-Bal of Plant Ops	50-298/199900700
84-Non-conserv. dec	G-Engineering	F-Modification	50-298/199900701
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-298/199900701
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-298/199900701
83-Work practice or	E-Electrical	V-Troubleshooting	50-298/199900800
82-Briefing, prep.	E-Electrical	V-Troubleshooting	50-298/199900800

Page: 5 Date:03/17/2000

[End of File for Plant Docket 298 (1999)]
