

# 1997 Human Factors Information System Report for Plant Docket 440

Combined IR/ER/LER Report  
Docket: 50-440 PERRY 1

Total Number of Hits in Date Range: 139  
From 01/01/1997 to 12/31/1997  
2x National Average: 213

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 9			
Percent of total: 6.47			
53-Communication LT	O-Operations	B-Bal of Plant Ops	50-440/1996018
	O-Operations		
51-Misunderstood /	O-Operations	O-Control Room Ops	50-440/1996018
	O-Operations		
53-Communication LT	G-Engineering	G-Design	50-440/1996018
	G-Engineering		
54-No communication	O-Operations	A-Administrative	50-440/1997009
	O-Operations		
53-Communication LT	G-Engineering	Z-Other	50-440/1997009
	G-Engineering		
53-Communication LT	G-Engineering	A-Administrative	50-440/9199700
	G-Engineering		
54-No communication	G-Engineering	C-Calibration	50-440/9199700
	G-Engineering		

Communications ER  
Number of items: 0  
Percent of total: 0

Communications LER  
Number of items: 0  
Percent of total: 0

Details	Department	Work Type	Docket/Report
Human-System Interface and Environm IR			
Number of items: 1			
Percent of total: .72			
61-Labels LTA	O-Operations	T-Testing	50-440/1997002

Human-System Interface and Environm ER  
Number of items: 0  
Percent of total: 0

Details	Department	Work Type	Docket/Report
Human-System Interface and Environm LER			
Number of items: 1			
Percent of total: .72			
62-Information orga	I-Instrumentation &	T-Testing	50-440/199700600

Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 26			
Percent of total: 18.71			
37-Unqualified work	E-Electrical	U-Unknown	50-440/1996014
43-Operating Experi	E-Electrical	U-Unknown	50-440/1996014
40-Individual Corre	W-Work Control / Sc	U-Unknown	50-440/1996016
36-Scheduling and p	M-Mechanical	U-Unknown	50-440/1996017
40-Individual Corre	G-Engineering	U-Unknown	50-440/1996017
32-Supervision / co	O-Operations	B-Bal of Plant Ops	50-440/1996018
32-Supervision / co	O-Operations	O-Control Room Ops	50-440/1996018
40-Individual Corre	I-Instrumentation &	M-Maint / Repair	50-440/1996018

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 26			
Percent of Total: 18.71			
40-Individual Corre	I-Instrumentation &	M-Maint / Repair	50-440/1996018

44-Corrective Actio	B-Plant Management	O-Control Room Ops	50-440/1996018
34-Perceived pressu	O-Operations	O-Control Room Ops	50-440/1996018
32-Supervision / co	O-Operations	O-Control Room Ops	50-440/1997007
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-440/1997007
41-Action not begun	G-Engineering	Z-Other	50-440/1997007
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-440/1997009
32-Supervision / co	O-Operations	O-Control Room Ops	50-440/1997012
32-Supervision / co	O-Operations	C-Calibration	50-440/1997012
40-Individual Corre	G-Engineering	Z-Other	50-440/1997015
32-Supervision / co	O-Operations	Z-Other	50-440/1997309
44-Corrective Actio	G-Engineering	G-Design	50-440/9199700
41-Action not begun	G-Engineering	Z-Other	50-440/9199700
40-Individual Corre	G-Engineering	Z-Other	50-440/9199700
36-Scheduling and p	G-Engineering	T-Testing	50-440/9199700

## Management and Supervision ER

Number of items: 0

Percent of total: 0

## Management and Supervision LER

Number of items: 1

Percent of total: .72

33-Management expec O-Operations O-Control Room Ops 50-440/199701700

## 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: 16

Percent of total: 11.51

12-Procedure techni	O-Operations	U-Unknown	50-440/1996011
13-Procedure has hu	E-Electrical	U-Unknown	50-440/1996011
12-Procedure techni	E-Electrical	U-Unknown	50-440/1996014
12-Procedure techni	G-Engineering	O-Control Room Ops	50-440/1996018
12-Procedure techni	I-Instrumentation &	S-Surveillance	50-440/1996018
13-Procedure has hu	G-Engineering	G-Design	50-440/1997002
12-Procedure techni	G-Engineering	G-Design	50-440/1997002
12-Procedure techni	G-Engineering	G-Design	50-440/1997004
11-No procedure / r	G-Engineering	G-Design	50-440/1997007
12-Procedure techni	G-Engineering	G-Design	50-440/1997009

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## Procedures and Reference Document IR

Number of items: 16

Percent of Total: 11.51

12-Procedure techni	G-Engineering	G-Design	50-440/9199700
12-Procedure techni	G-Engineering	G-Design	50-440/9199700
12-Procedure techni	G-Engineering	G-Design	50-440/9199700
12-Procedure techni	G-Engineering	G-Design	50-440/9199700
12-Procedure techni	G-Engineering	G-Design	50-440/9199700
12-Procedure techni	G-Engineering	G-Design	50-440/9199700

## Procedures and Reference Document ER

Number of items: 0

Percent of total: 0

## Procedures and Reference Document LER

Number of items: 4

Percent of total: 2.88

13-Procedure has hu	O-Operations	T-Testing	50-440/199700400
13-Procedure has hu	G-Engineering	T-Testing	50-440/199700400
13-Procedure has hu	I-Instrumentation &	T-Testing	50-440/199701100
13-Procedure has hu	O-Operations	O-Control Room Ops	50-440/199701200

## Training IR

Number of items: 13

Percent of total: 9.35

02-Training LTA	G-Engineering	U-Unknown	50-440/1996014
02-Training LTA	O-Operations	O-Control Room Ops	50-440/1996018
02-Training LTA	O-Operations	O-Control Room Ops	50-440/1996018
05-Individual knowl	O-Operations	O-Control Room Ops	50-440/1997002
05-Individual knowl	O-Operations	O-Control Room Ops	50-440/1997009
02-Training LTA	T-Training	O-Control Room Ops	50-440/1997309
02-Training LTA	T-Training	O-Control Room Ops	50-440/1997309
02-Training LTA	T-Training	O-Control Room Ops	50-440/1997309
02-Training LTA	T-Training	O-Control Room Ops	50-440/1997309

## 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: 64

Percent of total: 46.04

91-Verification / p	G-Engineering	U-Unknown	50-440/1996011
91-Verification / p	E-Electrical	U-Unknown	50-440/1996017
82-Briefing, prep.	O-Operations	B-Bal of Plant Ops	50-440/1996018
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-440/1996018
93-Awareness or att	O-Operations	O-Control Room Ops	50-440/1996018
93-Awareness or att	O-Operations	O-Control Room Ops	50-440/1996018
83-Work practice or	O-Operations	O-Control Room Ops	50-440/1996018

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## Work Factors IR

Number of items: 64

Percent of Total: 46.04

83-Work practice or	O-Operations	V-Troubleshooting	50-440/1996018
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-440/1996018
89-Housekeeping LTA	Z-Other	M-Maint / Repair	50-440/1996018
83-Work practice or	G-Engineering	G-Design	50-440/1996018
84-Non-conserv. dec	G-Engineering	F-Modification	50-440/1996018
84-Non-conserv. dec	O-Operations	F-Modification	50-440/1996018
84-Non-conserv. dec	W-Work Control / Sc	T-Testing	50-440/1997002
81-Work Package Qua	G-Engineering	F-Modification	50-440/1997002
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-440/1997004
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-440/1997004
93-Awareness or att	O-Operations	A-Administrative	50-440/1997004
84-Non-conserv. dec	G-Engineering	G-Design	50-440/1997004
84-Non-conserv. dec	O-Operations	S-Surveillance	50-440/1997006
84-Non-conserv. dec	I-Instrumentation &	S-Surveillance	50-440/1997006
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-440/1997007
93-Awareness or att	O-Operations	O-Control Room Ops	50-440/1997007
93-Awareness or att	G-Engineering	O-Control Room Ops	50-440/1997007
91-Verification / p	O-Operations	O-Control Room Ops	50-440/1997007
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-440/1997007
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-440/1997007
83-Work practice or	M-Mechanical	A-Administrative	50-440/1997007
91-Verification / p	M-Mechanical	M-Maint / Repair	50-440/1997007
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-440/1997007
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-440/1997007
83-Work practice or	E-Electrical	M-Maint / Repair	50-440/1997007
83-Work practice or	E-Electrical	M-Maint / Repair	50-440/1997007
94-Log-keeping or r	O-Operations	B-Bal of Plant Ops	50-440/1997009
84-Non-conserv. dec	O-Operations	S-Surveillance	50-440/1997009
91-Verification / p	O-Operations	O-Control Room Ops	50-440/1997009
93-Awareness or att	O-Operations	O-Control Room Ops	50-440/1997009
93-Awareness or att	O-Operations	O-Control Room Ops	50-440/1997009
83-Work practice or	M-Mechanical	M-Maint / Repair	50-440/1997009
82-Briefing, prep.	O-Operations	B-Bal of Plant Ops	50-440/1997012
92-Self check LTA	O-Operations	M-Maint / Repair	50-440/1997012
93-Awareness or att	M-Mechanical	S-Surveillance	50-440/1997012
93-Awareness or att	M-Mechanical	S-Surveillance	50-440/1997012
81-Work Package Qua	G-Engineering	G-Design	50-440/1997013

83-Work practice or Q-QA/QC	Z-Other	50-440/1997015
81-Work Package Qua T-Training	Z-Other	50-440/1997309
84-Non-conserv. dec G-Engineering	G-Design	50-440/9199700
83-Work practice or G-Engineering	A-Administrative	50-440/9199700
81-Work Package Qua G-Engineering	F-Modification	50-440/9199700
93-Awareness or att G-Engineering	A-Administrative	50-440/9199700
81-Work Package Qua G-Engineering	G-Design	50-440/9199700
93-Awareness or att G-Engineering	G-Design	50-440/9199700
93-Awareness or att G-Engineering	G-Design	50-440/9199700
81-Work Package Qua G-Engineering	G-Design	50-440/9199700
93-Awareness or att G-Engineering	G-Design	50-440/9199700
93-Awareness or att G-Engineering	G-Design	50-440/9199700
86-Work untimely G-Engineering	G-Design	50-440/9199700

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81-Work Package Qua	G-Engineering	G-Design	50-440/9199700
81-Work Package Qua	G-Engineering	G-Design	50-440/9199700
83-Work practice or	G-Engineering	G-Design	50-440/9199700

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

Work Factors LER  
Number of items: 4  
Percent of total: 2.88

87-Non-conservati	O-Operations	O-Control Room Ops	50-440/199700100
87-Non-conservati	I-Instrumentation &	T-Testing	50-440/199700600
87-Non-conservati	O-Operations	M-Maint / Repair	50-440/199700900
83-Work practice or	O-Operations	O-Control Room Ops	50-440/199701700

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[End of File for Plant Docket 440 (1997)]

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