

# 2000 Human Factors Information System Report for Plant Docket 410

Combined IR/ER/LER Report  
Docket: 50-410 NINE MILE POINT 2

Total Number of Hits in Date Range: 117  
From 01/01/2000 to 12/31/2000  
2x National Average: 144

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 1			
Percent of total: .85			
52-Communication un	O-Operations	S-Surveillance	50-410/2000001
	O-Operations		
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: .85			
72-Lighting LTA	O-Operations	O-Control Room Ops	50-410/1999011
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: 25			
Percent of total: 21.37			
32-Supervision / co	O-Operations	O-Control Room Ops	50-410/1999011
33-Management expec	O-Operations	O-Control Room Ops	50-410/1999011
48-Audits or proble	O-Operations	Z-Other	50-410/1999011
33-Management expec	O-Operations	Z-Other	50-410/1999011
47-Root Cause LTA	O-Operations	Z-Other	50-410/1999011
41-Action not begun	O-Operations	Z-Other	50-410/1999011
48-Audits or proble	Z-Other	Z-Other	50-410/2000003
48-Audits or proble	C-Chemistry	Z-Other	50-410/2000003
47-Root Cause LTA	T-Training	Z-Other	50-410/2000004
40-Individual Corre	T-Training	Z-Other	50-410/2000004
47-Root Cause LTA	T-Training	Z-Other	50-410/2000004
40-Individual Corre	T-Training	Z-Other	50-410/2000004
32-Supervision / co	T-Training	Z-Other	50-410/2000004
32-Supervision / co	T-Training	Z-Other	50-410/2000004
41-Action not begun	T-Training	Z-Other	50-410/2000004
40-Individual Corre	T-Training	Z-Other	50-410/2000004
47-Root Cause LTA	T-Training	Z-Other	50-410/2000004
40-Individual Corre	T-Training	Z-Other	50-410/2000004
47-Root Cause LTA	T-Training	Z-Other	50-410/2000004
32-Supervision / co	T-Training	Z-Other	50-410/2000004
33-Management expec	T-Training	Z-Other	50-410/2000004

Page: 1 Date:06/03/2002

Combined IR/ER/LER Report  
Docket: 50-410 NINE MILE POINT 2

Total Number of Hits in Date Range: 117  
 From 01/01/2000 to 12/31/2000  
 2x National Average: 144

Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 25			
Percent of Total: 21.37			
40-Individual Corre	G-Engineering	Z-Other	50-410/2000007
Management and Supervision ER			
Number of items: 4			
Percent of total: 3.42			
33-Management expec	T-Training	Z-Other	50-410/1999301
32-Supervision / co	T-Training	Z-Other	50-410/1999301
33-Management expec	T-Training	Z-Other	50-410/1999301
40-Individual Corre	T-Training	Z-Other	50-410/1999301
Management and Supervision LER			
Number of items: 4			
Percent of total: 3.42			
33-Management expec	I-Instrumentation &	S-Surveillance	50-410/200000100
40-Individual Corre	I-Instrumentation &	S-Surveillance	50-410/200000100
32-Supervision / co	E-Electrical	M-Maint / Repair	50-410/200000400
32-Supervision / co	O-Operations	M-Maint / Repair	50-410/200001500
Organizational Issues IR			
Number of items: 1			
Percent of total: .85			
28-Frequent use of	O-Operations	Q-Fire Protection	50-410/1999010
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: 13			
Percent of total: 11.11			
13-Procedure has hu	O-Operations	Q-Fire Protection	50-410/1999010
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-410/1999011
13-Procedure has hu	W-Work Control / Sc	A-Administrative	50-410/1999011
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-410/2000001
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-410/2000001
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-410/2000001
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-410/2000004
13-Procedure has hu	T-Training	Z-Other	50-410/2000004
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-410/2000007
13-Procedure has hu	G-Engineering	G-Design	50-410/2000007
13-Procedure has hu	G-Engineering	G-Design	50-410/2000007
12-Procedure techni	P-Procedure Writers	M-Maint / Repair	50-410/2000008
12-Procedure techni	P-Procedure Writers	M-Maint / Repair	50-410/2000008
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: 3.42			
12-Procedure techni	M-Mechanical	M-Maint / Repair	50-410/200000201

Details	Department	Work Type	Docket/Report
Procedures and Reference Document LER			
Number of items: 4			
Percent of Total: 3.42			
11-No procedure / r	E-Electrical	M-Maint / Repair	50-410/200000400
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-410/200001301
12-Procedure techni	M-Mechanical	M-Maint / Repair	50-410/200001601

Details	Department	Work Type	Docket/Report
Training IR			
Number of items: 9			
Percent of total: 7.69			
05-Individual knowl	O-Operations	O-Control Room Ops	50-410/1999011
05-Individual knowl	O-Operations	O-Control Room Ops	50-410/1999011
05-Individual knowl	O-Operations	S-Surveillance	50-410/1999011
03-Training process	T-Training	Z-Other	50-410/1999011
02-Training LTA	T-Training	Z-Other	50-410/2000004
03-Training process	T-Training	Z-Other	50-410/2000004
03-Training process	T-Training	Z-Other	50-410/2000004
03-Training process	T-Training	Z-Other	50-410/2000004
03-Training process	T-Training	Z-Other	50-410/2000004

Details	Department	Work Type	Docket/Report
Training ER			
Number of items: 2			
Percent of total: 1.71			
03-Training process	T-Training	Z-Other	50-410/1999301
03-Training process	T-Training	Z-Other	50-410/1999301

Details	Department	Work Type	Docket/Report
Training LER			
Number of items: 5			
Percent of total: 4.27			
02-Training LTA	O-Operations	O-Control Room Ops	50-410/200000400
05-Individual knowl	I-Instrumentation &	M-Maint / Repair	50-410/200001000
02-Training LTA	I-Instrumentation &	M-Maint / Repair	50-410/200001000
05-Individual knowl	O-Operations	M-Maint / Repair	50-410/200001500
02-Training LTA	O-Operations	B-Bal of Plant Ops	50-410/200001601

Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 39			
Percent of total: 33.33			
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-410/1999010
93-Awareness or att	G-Engineering	G-Design	50-410/1999010
93-Awareness or att	G-Engineering	G-Design	50-410/1999010
93-Awareness or att	G-Engineering	O-Control Room Ops	50-410/1999011
92-Self check LTA	G-Engineering	O-Control Room Ops	50-410/1999011
93-Awareness or att	O-Operations	O-Control Room Ops	50-410/1999011
93-Awareness or att	O-Operations	O-Control Room Ops	50-410/1999011
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-410/1999011
93-Awareness or att	W-Work Control / Sc	S-Surveillance	50-410/1999011
93-Awareness or att	W-Work Control / Sc	S-Surveillance	50-410/1999011
93-Awareness or att	W-Work Control / Sc	S-Surveillance	50-410/1999011
93-Awareness or att	W-Work Control / Sc	S-Surveillance	50-410/1999011
83-Work practice or	O-Operations	S-Surveillance	50-410/2000001
93-Awareness or att	O-Operations	S-Surveillance	50-410/2000001
92-Self check LTA	O-Operations	S-Surveillance	50-410/2000001

Page: 3 Date:06/03/2002

Combined IR/ER/LER Report  
Docket: 50-410 NINE MILE POINT 2

Total Number of Hits in Date Range: 117  
From 01/01/2000 to 12/31/2000  
2x National Average: 144

Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 39			
Percent of Total: 33.33			
91-Verification / p	O-Operations	S-Surveillance	50-410/2000001
84-Non-conserv. dec	I-Instrumentation &	M-Maint / Repair	50-410/2000001
83-Work practice or	E-Electrical	M-Maint / Repair	50-410/2000001

## Human Factors Information System Report

82-Briefing, prep.	O-Operations	S-Surveillance	50-410/2000001
84-Non-conserv. dec	O-Operations	S-Surveillance	50-410/2000001
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-410/2000001
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-410/2000001
84-Non-conserv. dec	G-Engineering	V-Troubleshooting	50-410/2000001
93-Awareness or att	I-Instrumentation &	M-Maint / Repair	50-410/2000003
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-410/2000003
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-410/2000003
83-Work practice or	D-Emergency Plannin	A-Administrative	50-410/2000003
93-Awareness or att	T-Training	Z-Other	50-410/2000004
83-Work practice or	T-Training	Z-Other	50-410/2000004
84-Non-conserv. dec	G-Engineering	G-Design	50-410/2000007
84-Non-conserv. dec	G-Engineering	G-Design	50-410/2000007
84-Non-conserv. dec	G-Engineering	G-Design	50-410/2000008
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-410/2000008
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-410/2000008

## Work Factors ER

Number of items: 0  
Percent of total: 0

## Work Factors LER

Number of items: 9  
Percent of total: 7.69

83-Work practice or	M-Mechanical	P-Procedure Dev	50-410/1999020__
93-Awareness or att	O-Operations	O-Control Room Ops	50-410/200000400
81-Work Package Qua	O-Operations	T-Testing	50-410/200001000
83-Work practice or	O-Operations	M-Maint / Repair	50-410/200001500
91-Verification / p	O-Operations	M-Maint / Repair	50-410/200001500
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-410/200001500
91-Verification / p	O-Operations	M-Maint / Repair	50-410/200001500
82-Briefing, prep.	O-Operations	M-Maint / Repair	50-410/200001500
92-Self check LTA	O-Operations	B-Bal of Plant Ops	50-410/200001601

Page: 4

Date:06/03/2002

**[End of File for Plant Docket 410 (2000)]**

---