

# 1999 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: 128  
From 01/01/1999 to 12/31/1999  
2x National Average: 226

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 3			
Percent of total: 2.34			
53-Communication LT	W-Work Control / Sc	M-Maint / Repair	50-410/1999003
	W-Work Control / Sc		
53-Communication LT	W-Work Control / Sc	M-Maint / Repair	50-410/1999003
	W-Work Control / Sc		
54-No communication	Z-Other	A-Administrative	50-410/2999002
	Z-Other		

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

Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 28			
Percent of total: 21.88			
40-Individual Corre	G-Engineering	Z-Other	50-410/1998019
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-410/1999001
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-410/1999001
47-Root Cause LTA	G-Engineering	Z-Other	50-410/1999003
47-Root Cause LTA	G-Engineering	Z-Other	50-410/1999003
47-Root Cause LTA	O-Operations	V-Troubleshooting	50-410/1999004
36-Scheduling and p	W-Work Control / Sc	V-Troubleshooting	50-410/1999007
36-Scheduling and p	W-Work Control / Sc	V-Troubleshooting	50-410/1999007
33-Management expec	B-Plant Management	Z-Other	50-410/2999002
44-Corrective Actio	B-Plant Management	Z-Other	50-410/2999002
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-410/2999002
40-Individual Corre	W-Work Control / Sc	Z-Other	50-410/2999002
44-Corrective Actio	H-Health Physics	Z-Other	50-410/2999002
33-Management expec	Z-Other	Z-Other	50-410/2999002
40-Individual Corre	G-Engineering	Z-Other	50-410/2999002
43-Operating Experi	G-Engineering	Z-Other	50-410/2999002
43-Operating Experi	G-Engineering	Z-Other	50-410/2999002
43-Operating Experi	G-Engineering	Z-Other	50-410/2999002

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Management and Supervision IR			
Number of items: 28			
Percent of Total: 21.88			
40-Individual Corre	G-Engineering	Z-Other	50-410/2999002
33-Management expec	O-Operations	B-Bal of Plant Ops	50-410/2999002

33-Management expect	O-Operations	B-Bal of Plant Ops	50-410/2999002
40-Individual Corre	M-Mechanical	Z-Other	50-410/2999002
48-Audits or proble	C-Chemistry	Z-Other	50-410/2999002
48-Audits or proble	Z-Other	Z-Other	50-410/2999002
40-Individual Corre	Z-Other	Z-Other	50-410/2999002
48-Audits or proble	O-Operations	Q-Fire Protection	50-410/2999002
43-Operating Experi	G-Engineering	Z-Other	50-410/2999002
40-Individual Corre	B-Plant Management	Z-Other	50-410/2999002

## Management and Supervision ER

Number of items: 0  
Percent of total: 0

## Management and Supervision LER

Number of items: 12  
Percent of total: 9.38

40-Individual Corre	O-Operations	B-Bal of Plant Ops	50-410/199900100
40-Individual Corre	I-Instrumentation &	P-Procedure Dev	50-410/199900200
40-Individual Corre	O-Operations	T-Testing	50-410/199900300
47-Root Cause LTA	O-Operations	T-Testing	50-410/199900301
40-Individual Corre	O-Operations	T-Testing	50-410/199900301
32-Supervision / co	G-Engineering	A-Administrative	50-410/199900700
33-Management expect	G-Engineering	A-Administrative	50-410/199900900
41-Action not begun	G-Engineering	A-Administrative	50-410/199900900
33-Management expect	G-Engineering	A-Administrative	50-410/199900901
40-Individual Corre	O-Operations	T-Testing	50-410/199901201
41-Action not begun	G-Engineering	A-Administrative	50-410/199901800
33-Management expect	G-Engineering	A-Administrative	50-410/199901900

## Organizational Issues IR

Number of items: 2  
Percent of total: 1.56

21-Staffing LTA	G-Engineering	Z-Other	50-410/2999002
21-Staffing LTA	G-Engineering	Z-Other	50-410/2999002

## 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: 11  
Percent of total: 8.59

13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-410/1998019
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-410/1998019

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## Procedures and Reference Document IR

Number of items: 11  
Percent of Total: 8.59

12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-410/1998019
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-410/1998019
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-410/1999001
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-410/1999003
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-410/1999007
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-410/1999007
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-410/2999002
13-Procedure has hu	O-Operations	A-Administrative	50-410/2999002
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-410/2999002

## Procedures and Reference Document ER

Number of items: 0  
Percent of total: 0

## Procedures and Reference Document LER

Number of items: 16  
Percent of total: 12.5

12-Procedure techni	O-Operations	T-Testing	50-410/199900300
12-Procedure techni	O-Operations	T-Testing	50-410/199900300
12-Procedure techni	O-Operations	T-Testing	50-410/199900301

13-Procedure has hu	O-Operations	T-Testing	50-410/199900301
12-Procedure techni	M-Mechanical	M-Maint / Repair	50-410/199900500
12-Procedure techni	M-Mechanical	M-Maint / Repair	50-410/199900501
14-Document develop	G-Engineering	A-Administrative	50-410/199900900
12-Procedure techni	G-Engineering	A-Administrative	50-410/199900901
12-Procedure techni	I-Instrumentation &	C-Calibration	50-410/199901000
12-Procedure techni	O-Operations	T-Testing	50-410/199901201
12-Procedure techni	G-Engineering	P-Procedure Dev	50-410/199901400
12-Procedure techni	G-Engineering	A-Administrative	50-410/199901401
12-Procedure techni	G-Engineering	A-Administrative	50-410/199901401
12-Procedure techni	I-Instrumentation &	V-Troubleshooting	50-410/199901500
14-Document develop	O-Operations	B-Bal of Plant Ops	50-410/199901600
12-Procedure techni	G-Engineering	A-Administrative	50-410/199901800

## Training IR

Number of items: 5

Percent of total: 3.91

06-Simulator fideli	T-Training	Z-Other	50-410/1999004
06-Simulator fideli	T-Training	Z-Other	50-410/1999004
05-Individual knowl	I-Instrumentation &	V-Troubleshooting	50-410/1999007
05-Individual knowl	I-Instrumentation &	M-Maint / Repair	50-410/2999002
02-Training LTA	T-Training	Z-Other	50-410/2999002

## Training ER

Number of items: 0

Percent of total: 0

## Training LER

Number of items: 5

Percent of total: 3.91

02-Training LTA	M-Mechanical	P-Procedure Dev	50-410/199900600
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## Training LER

Number of items: 5

Percent of Total: 3.91

05-Individual knowl	P-Procedure Writers	P-Procedure Dev	50-410/199901300
05-Individual knowl	G-Engineering	P-Procedure Dev	50-410/199901400
05-Individual knowl	G-Engineering	A-Administrative	50-410/199901401
05-Individual knowl	G-Engineering	A-Administrative	50-410/199901800

## Work Factors IR

Number of items: 29

Percent of total: 22.66

83-Work practice or	M-Mechanical	M-Maint / Repair	50-410/1998019
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-410/1998019
81-Work Package Qua	G-Engineering	F-Modification	50-410/1998019
83-Work practice or	G-Engineering	A-Administrative	50-410/1998019
91-Verification / p	P-Procedure Writers	P-Procedure Dev	50-410/1999003
93-Awareness or att	O-Operations	O-Control Room Ops	50-410/1999004
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-410/1999004
81-Work Package Qua	G-Engineering	F-Modification	50-410/1999004
91-Verification / p	G-Engineering	F-Modification	50-410/1999004
91-Verification / p	W-Work Control / Sc	V-Troubleshooting	50-410/1999007
91-Verification / p	W-Work Control / Sc	V-Troubleshooting	50-410/1999007
91-Verification / p	W-Work Control / Sc	V-Troubleshooting	50-410/1999007
93-Awareness or att	W-Work Control / Sc	V-Troubleshooting	50-410/1999007
93-Awareness or att	O-Operations	A-Administrative	50-410/2999002
93-Awareness or att	O-Operations	A-Administrative	50-410/2999002
93-Awareness or att	O-Operations	A-Administrative	50-410/2999002
92-Self check LTA	O-Operations	M-Maint / Repair	50-410/2999002
93-Awareness or att	W-Work Control / Sc	M-Maint / Repair	50-410/2999002
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-410/2999002
82-Briefing, prep.	B-Plant Management	Z-Other	50-410/2999002
81-Work Package Qua	G-Engineering	G-Design	50-410/2999002
93-Awareness or att	G-Engineering	Z-Other	50-410/2999002
86-Work untimely	E-Electrical	Z-Other	50-410/2999002
92-Self check LTA	O-Operations	B-Bal of Plant Ops	50-410/2999002
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-410/2999002
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-410/2999002
81-Work Package Qua	G-Engineering	F-Modification	50-410/2999002
81-Work Package Qua	G-Engineering	F-Modification	50-410/2999002
93-Awareness or att	Q-QA/QC	A-Administrative	50-410/2999002

## Work Factors ER

Number of items: 0  
Percent of total: 0

## Work Factors LER

Number of items: 17  
Percent of total: 13.28

84-Non-conserv. dec	O-Operations	T-Testing	50-410/199900301
83-Work practice or	G-Engineering	G-Design	50-410/199900500
81-Work Package Qua	M-Mechanical	M-Maint / Repair	50-410/199900501
84-Non-conserv. dec	G-Engineering	A-Administrative	50-410/199900700
83-Work practice or	G-Engineering	A-Administrative	50-410/199900900

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## Work Factors LER

Number of items: 17  
Percent of Total: 13.28

83-Work practice or	G-Engineering	A-Administrative	50-410/199901100
84-Non-conserv. dec	O-Operations	T-Testing	50-410/199901201
83-Work practice or	O-Operations	T-Testing	50-410/199901201
83-Work practice or	P-Procedure Writers	P-Procedure Dev	50-410/199901300
91-Verification / p	G-Engineering	P-Procedure Dev	50-410/199901400
84-Non-conserv. dec	G-Engineering	A-Administrative	50-410/199901401
91-Verification / p	G-Engineering	A-Administrative	50-410/199901401
91-Verification / p	G-Engineering	V-Troubleshooting	50-410/199901500
91-Verification / p	I-Instrumentation &	V-Troubleshooting	50-410/199901500
83-Work practice or	G-Engineering	A-Administrative	50-410/199901800
83-Work practice or	G-Engineering	A-Administrative	50-410/199901900
83-Work practice or	M-Mechanical	P-Procedure Dev	50-410/199902000

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**[End of File for Plant Docket 410 (1999)]**

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