

1997 Human Factors Information System Report for Plant Docket 220

Combined IR/ER/LER Report
Docket: 50-220 NINE MILE POINT 1

Total Number of Hits in Date Range: 120
From 01/01/1997 to 12/31/1997
2x National Average: 266

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 4			
Percent of total: 3.33			
53-Communication LT	O-Operations	O-Control Room Ops	50-220/1997001
	O-Operations		
53-Communication LT	O-Operations	O-Control Room Ops	50-220/1997003
	O-Operations		
53-Communication LT	O-Operations	Z-Other	50-220/1997003
	O-Operations		
52-Communication un	O-Operations	O-Control Room Ops	50-220/1997003
	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: 4			
Percent of total: 3.33			
72-Lighting LTA	F-Fuel Handling	R-Refueling	50-220/1997003
67-Function LTA (ac	Z-Other	Z-Other	50-220/1997003
72-Lighting LTA	O-Operations	Q-Fire Protection	50-220/1997003
61-Labels LTA	O-Operations	M-Maint / Repair	50-220/1997006

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: 32			
Percent of total: 26.67			
43-Operating Experi	G-Engineering	U-Unknown	50-220/1996012
40-Individual Corre	Q-QA/QC	U-Unknown	50-220/1996013
41-Action not begun	I-Instrumentation &	U-Unknown	50-220/1996013
42-No action planne	B-Plant Management	U-Unknown	50-220/1996013
40-Individual Corre	H-Health Physics	H-Health Physics	50-220/1997002
32-Supervision / co	O-Operations	R-Refueling	50-220/1997003
32-Supervision / co	O-Operations	R-Refueling	50-220/1997003
36-Scheduling and p	Z-Other	F-Modification	50-220/1997003
32-Supervision / co	O-Operations	Z-Other	50-220/1997003
48-Audits or proble	D-Emergency Plannin	Z-Other	50-220/1997006
33-Management expec	B-Plant Management	Z-Other	50-220/1997006
40-Individual Corre	H-Health Physics	Z-Other	50-220/1997007

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 32			
Percent of Total: 26.67			
32-Supervision / co	H-Health Physics	H-Health Physics	50-220/1997007
48-Audits or proble	Q-QA/QC	H-Health Physics	50-220/1997007

40-Individual Corre	H-Health Physics	Z-Other	50-220/1997007
48-Audits or proble	H-Health Physics	H-Health Physics	50-220/1997007
48-Audits or proble	H-Health Physics	H-Health Physics	50-220/1997007
44-Corrective Actio	G-Engineering	Z-Other	50-220/1997009
44-Corrective Actio	O-Operations	Z-Other	50-220/1997080
47-Root Cause LTA	O-Operations	Z-Other	50-220/1997080
40-Individual Corre	O-Operations	Z-Other	50-220/1997080
47-Root Cause LTA	O-Operations	Z-Other	50-220/1997080
47-Root Cause LTA	O-Operations	Z-Other	50-220/1997080
33-Management expec	O-Operations	Z-Other	50-220/1997080
48-Audits or proble	Q-QA/QC	Z-Other	50-220/1997080
40-Individual Corre	O-Operations	Z-Other	50-220/1997080
40-Individual Corre	O-Operations	Z-Other	50-220/1997080
41-Action not begun	B-Plant Management	Z-Other	50-220/1997080
44-Corrective Actio	B-Plant Management	Z-Other	50-220/1997080
47-Root Cause LTA	O-Operations	Z-Other	50-220/1997080
33-Management expec	B-Plant Management	Z-Other	50-220/1997080
44-Corrective Actio	B-Plant Management	Z-Other	50-220/1997080

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: 1
Percent of total: .83

21-Staffing LTA	G-Engineering	G-Design	50-220/1997009
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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: 13.33

12-Procedure techni	G-Engineering	U-Unknown	50-220/1996012
12-Procedure techni	G-Engineering	U-Unknown	50-220/1996012
13-Procedure has hu	G-Engineering	U-Unknown	50-220/1996012
12-Procedure techni	O-Operations	U-Unknown	50-220/1996013
12-Procedure techni	O-Operations	U-Unknown	50-220/1996013

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Procedures and Reference Document IR

Number of items: 16
Percent of Total: 13.33

12-Procedure techni	G-Engineering	G-Design	50-220/1997001
11-No procedure / r	G-Engineering	R-Refueling	50-220/1997002
12-Procedure techni	G-Engineering	C-Calibration	50-220/1997002
12-Procedure techni	G-Engineering	P-Procedure Dev	50-220/1997002
12-Procedure techni	G-Engineering	G-Design	50-220/1997003
12-Procedure techni	P-Procedure Writers	G-Design	50-220/1997005
12-Procedure techni	D-Emergency Plannin	A-Administrative	50-220/1997006
12-Procedure techni	G-Engineering	G-Design	50-220/1997007
12-Procedure techni	G-Engineering	G-Design	50-220/1997007
12-Procedure techni	G-Engineering	G-Design	50-220/1997007
11-No procedure / r	H-Health Physics	H-Health Physics	50-220/1997007

Procedures and Reference Document ER

Number of items: 0
Percent of total: 0

Procedures and Reference Document LER

Number of items: 0
Percent of total: 0

Training IR

Number of items: 3

Percent of total: 2.5

02-Training LTA	T-Training	H-Health Physics	50-220/1997002
05-Individual knowl	G-Engineering	Z-Other	50-220/1997003
03-Training process	T-Training	A-Administrative	50-220/1997006

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: 53

Percent of total: 44.17

84-Non-conserv. dec	G-Engineering	U-Unknown	50-220/1996012
87-Non-conservative	O-Operations	U-Unknown	50-220/1996013
87-Non-conservative	H-Health Physics	U-Unknown	50-220/1996014
83-Work practice or	M-Mechanical	U-Unknown	50-220/1996014
84-Non-conserv. dec	O-Operations	U-Unknown	50-220/1996014
87-Non-conservative	O-Operations	U-Unknown	50-220/1996014
92-Self check LTA	H-Health Physics	U-Unknown	50-220/1996014
84-Non-conserv. dec	F-Fuel Handling	R-Refueling	50-220/1997001
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-220/1997002
83-Work practice or	M-Mechanical	M-Maint / Repair	50-220/1997002
93-Awareness or att	G-Engineering	G-Design	50-220/1997002
85-Team interaction	H-Health Physics	H-Health Physics	50-220/1997002

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Work Factors IR

Number of items: 53

Percent of Total: 44.17

83-Work practice or	Z-Other	A-Administrative	50-220/1997002
84-Non-conserv. dec	G-Engineering	R-Refueling	50-220/1997003
92-Self check LTA	G-Engineering	R-Refueling	50-220/1997003
91-Verification / p	G-Engineering	R-Refueling	50-220/1997003
91-Verification / p	O-Operations	R-Refueling	50-220/1997003
84-Non-conserv. dec	G-Engineering	B-Bal of Plant Ops	50-220/1997003
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-220/1997003
83-Work practice or	Z-Other	F-Modification	50-220/1997003
92-Self check LTA	O-Operations	Z-Other	50-220/1997003
82-Briefing, prep.	O-Operations	Z-Other	50-220/1997003
93-Awareness or att	O-Operations	O-Control Room Ops	50-220/1997003
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-220/1997003
87-Non-conservative	U-Unknown	M-Maint / Repair	50-220/1997003
91-Verification / p	P-Procedure Writers	G-Design	50-220/1997005
92-Self check LTA	O-Operations	S-Surveillance	50-220/1997006
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-220/1997006
83-Work practice or	O-Operations	M-Maint / Repair	50-220/1997006
93-Awareness or att	T-Training	A-Administrative	50-220/1997006
83-Work practice or	D-Emergency Plannin	D-Emergency Drill	50-220/1997006
93-Awareness or att	Q-QA/QC	Z-Other	50-220/1997006
83-Work practice or	M-Mechanical	H-Health Physics	50-220/1997007
83-Work practice or	M-Mechanical	H-Health Physics	50-220/1997007
93-Awareness or att	H-Health Physics	S-Surveillance	50-220/1997007
92-Self check LTA	H-Health Physics	S-Surveillance	50-220/1997007
91-Verification / p	H-Health Physics	S-Surveillance	50-220/1997007
83-Work practice or	G-Engineering	A-Administrative	50-220/1997007
83-Work practice or	G-Engineering	G-Design	50-220/1997007
93-Awareness or att	Z-Other	A-Administrative	50-220/1997007
93-Awareness or att	U-Unknown	A-Administrative	50-220/1997007
91-Verification / p	Z-Other	A-Administrative	50-220/1997007
91-Verification / p	H-Health Physics	H-Health Physics	50-220/1997007
83-Work practice or	G-Engineering	A-Administrative	50-220/1997009
83-Work practice or	O-Operations	A-Administrative	50-220/1997080
83-Work practice or	O-Operations	A-Administrative	50-220/1997080
83-Work practice or	O-Operations	Z-Other	50-220/1997080
81-Work Package Qua	O-Operations	Z-Other	50-220/1997080
83-Work practice or	A-Administrative Su	A-Administrative	50-220/1997080
81-Work Package Qua	Q-QA/QC	Z-Other	50-220/1997080

83-Work practice or O-Operations	A-Administrative	50-220/1997080
83-Work practice or Q-QA/QC	Z-Other	50-220/1997080
83-Work practice or G-Engineering	G-Design	50-220/1997080

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

Work Factors LER
 Number of items: 7
 Percent of total: 5.83

87-Non-conservative O-Operations	A-Administrative	50-220/199700800
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Work Factors LER
 Number of items: 7
 Percent of Total: 5.83

82-Briefing, prep.	I-Instrumentation & V-Troubleshooting	50-220/199701401
84-Non-conserv. dec	I-Instrumentation & V-Troubleshooting	50-220/199701401
82-Briefing, prep.	I-Instrumentation & V-Troubleshooting	50-220/199701401
84-Non-conserv. dec	I-Instrumentation & V-Troubleshooting	50-220/199701401
82-Briefing, prep.	G-Engineering V-Troubleshooting	50-220/199701401
84-Non-conserv. dec	G-Engineering V-Troubleshooting	50-220/199701401
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