

# 1998 Human Factors Information System Report for Plant Docket 339

Combined IR/ER/LER Report  
Docket: 50-339 NORTH ANNA 2

Total Number of Hits in Date Range: 82  
From 01/01/1998 to 12/31/1998  
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 15			
Percent of total: 18.29			
55-Communication	Eq	D-Emergency Plannin D-Emergency Plannin	D-Emergency Drill 50-339/1997011
52-Communication	un	D-Emergency Plannin D-Emergency Plannin	D-Emergency Drill 50-339/1997011
53-Communication	LT	O-Operations O-Operations	Q-Fire Protection 50-339/1997011
53-Communication	LT	O-Operations O-Operations	S-Surveillance 50-339/1997012
53-Communication	LT	E-Electrical E-Electrical	S-Surveillance 50-339/1997012
53-Communication	LT	I-Instrumentation & I-Instrumentation &	T-Testing 50-339/1997012
53-Communication	LT	I-Instrumentation & I-Instrumentation &	T-Testing 50-339/1997012
54-No communication		I-Instrumentation & I-Instrumentation &	V-Troubleshooting 50-339/1997012
55-Communication	Eq	O-Operations O-Operations	O-Control Room Ops 50-339/1998001
51-Misunderstood /		O-Operations O-Operations	S-Surveillance 50-339/1998002
53-Communication	LT	O-Operations O-Operations	D-Emergency Drill 50-339/1998002
53-Communication	LT	O-Operations O-Operations	O-Control Room Ops 50-339/1998003
53-Communication	LT	E-Electrical E-Electrical	M-Maint / Repair 50-339/1998003
53-Communication	LT	O-Operations O-Operations	Z-Other 50-339/1998004
53-Communication	LT	O-Operations O-Operations	T-Testing 50-339/1998004

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: 2  
Percent of total: 2.44  
63-Size, shape or c F-Fuel Handling R-Refueling 50-339/1998001  
72-Lighting LTA O-Operations B-Bal of Plant Ops 50-339/1998002

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: 5  
Percent of total: 6.1  
32-Supervision / co D-Emergency Plannin D-Emergency Drill 50-339/1997011  
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Management and Supervision IR			
Number of items: 5			
Percent of Total: 6.1			
33-Management expec	E-Electrical	M-Maint / Repair	50-339/1997012
40-Individual Corre	G-Engineering	Z-Other	50-339/1997012
40-Individual Corre	O-Operations	Z-Other	50-339/1998002
41-Action not begun	M-Mechanical	M-Maint / Repair	50-339/1998002

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: 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: 7			
Percent of total: 8.54			
11-No procedure / r	G-Engineering	G-Design	50-339/1997012
12-Procedure techni	G-Engineering	G-Design	50-339/1998001
12-Procedure techni	G-Engineering	G-Design	50-339/1998001
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-339/1998002
12-Procedure techni	H-Health Physics	P-Procedure Dev	50-339/1998002
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-339/1998004
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-339/1998004

Procedures and Reference Document ER  
 Number of items: 0  
 Percent of total: 0

Procedures and Reference Document LER			
Number of items: 1			
Percent of total: 1.22			
12-Procedure techni	I-Instrumentation &	T-Testing	50-338/199800100

Training IR			
Number of items: 14			
Percent of total: 17.07			
05-Individual knowl	O-Operations	Q-Fire Protection	50-339/1997011
05-Individual knowl	Z-Other	Q-Fire Protection	50-339/1997011

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Details	Department	Work Type	Docket/Report
Training IR			
Number of items: 14			
Percent of Total: 17.07			
05-Individual knowl	O-Operations	B-Bal of Plant Ops	50-339/1997012
02-Training LTA	T-Training	D-Emergency Drill	50-339/1998002
05-Individual knowl	I-Instrumentation &	C-Calibration	50-339/1998003
05-Individual knowl	O-Operations	Q-Fire Protection	50-339/1998004
05-Individual knowl	M-Mechanical	Q-Fire Protection	50-339/1998004
05-Individual knowl	O-Operations	Q-Fire Protection	50-339/1998004
05-Individual knowl	O-Operations	Q-Fire Protection	50-339/1998004
02-Training LTA	T-Training	Z-Other	50-339/1998004
05-Individual knowl	O-Operations	A-Administrative	50-339/1998004
05-Individual knowl	Z-Other	A-Administrative	50-339/1998004
01-No Training	T-Training	Z-Other	50-339/1998004

## Human Factors System Report

02-Training LTA      T-Training                      Z-Other                      50-339/1998004

## 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: 38  
Percent of total: 46.34

81-Work Package Qua	W-Work Control / Sc	V-Troubleshooting	50-339/1997011
83-Work practice or	Z-Other	Z-Other	50-339/1997011
93-Awareness or att	Q-QA/QC	Z-Other	50-339/1997011
83-Work practice or	Z-Other	Z-Other	50-339/1997011
93-Awareness or att	Q-QA/QC	Z-Other	50-339/1997011
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-339/1997012
92-Self check LTA	I-Instrumentation &	T-Testing	50-339/1997012
83-Work practice or	E-Electrical	M-Maint / Repair	50-339/1997012
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-339/1997012
83-Work practice or	F-Fuel Handling	Z-Other	50-339/1998001
93-Awareness or att	F-Fuel Handling	A-Administrative	50-339/1998001
84-Non-conserv. dec	O-Operations	S-Surveillance	50-339/1998002
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-339/1998002
83-Work practice or	O-Operations	H-Health Physics	50-339/1998002
83-Work practice or	M-Mechanical	H-Health Physics	50-339/1998002
93-Awareness or att	Z-Other	D-Emergency Drill	50-339/1998003
93-Awareness or att	O-Operations	M-Maint / Repair	50-339/1998003
91-Verification / p	O-Operations	M-Maint / Repair	50-339/1998003
83-Work practice or	W-Work Control / Sc	Z-Other	50-339/1998003
83-Work practice or	O-Operations	Z-Other	50-339/1998003
92-Self check LTA	E-Electrical	M-Maint / Repair	50-339/1998003
91-Verification / p	E-Electrical	M-Maint / Repair	50-339/1998003
91-Verification / p	M-Mechanical	M-Maint / Repair	50-339/1998003
82-Briefing, prep.	M-Mechanical	M-Maint / Repair	50-339/1998003
81-Work Package Qua	G-Engineering	G-Design	50-339/1998003
93-Awareness or att	H-Health Physics	H-Health Physics	50-339/1998003

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## Work Factors IR

Number of items: 38  
Percent of Total: 46.34

93-Awareness or att	D-Emergency Plannin	A-Administrative	50-339/1998003
81-Work Package Qua	T-Training	Z-Other	50-339/1998004
93-Awareness or att	I-Instrumentation &	C-Calibration	50-339/1998004
93-Awareness or att	I-Instrumentation &	C-Calibration	50-339/1998004
91-Verification / p	O-Operations	O-Control Room Ops	50-339/1998004
91-Verification / p	O-Operations	O-Control Room Ops	50-339/1998004
81-Work Package Qua	G-Engineering	G-Design	50-339/1998004
86-Work untimely	D-Emergency Plannin	D-Emergency Drill	50-339/1998007
85-Team interaction	O-Operations	D-Emergency Drill	50-339/1998007
85-Team interaction	H-Health Physics	D-Emergency Drill	50-339/1998007
85-Team interaction	O-Operations	D-Emergency Drill	50-339/1998007
85-Team interaction	M-Mechanical	D-Emergency Drill	50-339/1998007

## Work Factors ER

Number of items: 0  
Percent of total: 0

## Work Factors LER

Number of items: 0  
Percent of total: 0

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[End of File for Plant Docket 339 (1998)]