

1998 Human Factors Information System Report for Plant Docket 382

Combined IR/ER/LER Report
Docket: 50-382 WATERFORD 3

Total Number of Hits in Date Range: 109
From 01/01/1998 to 12/31/1998
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 3			
Percent of total: 2.75			
52-Communication un	G-Engineering	A-Administrative	50-382/1997025
	G-Engineering		
53-Communication LT	D-Emergency Plannin	D-Emergency Drill	50-382/1997028
	D-Emergency Plannin		
53-Communication LT	O-Operations	D-Emergency Drill	50-382/1998012
	O-Operations		
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 7			
Percent of total: 6.42			
53-Communication LT	G-Engineering	F-Modification	50-382/199800300
	G-Engineering		
53-Communication LT	E-Electrical	F-Modification	50-382/199800300
	E-Electrical		
54-No communication	G-Engineering	F-Modification	50-382/199800300
	G-Engineering		
54-No communication	E-Electrical	F-Modification	50-382/199800300
	E-Electrical		
53-Communication LT	E-Electrical	M-Maint / Repair	50-382/199800900
	E-Electrical		
53-Communication LT	O-Operations	P-Procedure Dev	50-382/199801300
	G-Engineering		
53-Communication LT	Z-Other	M-Maint / Repair	50-382/199801500
	M-Mechanical		

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: 1
Percent of total: .92
75-Work area LTA E-Electrical M-Maint / Repair 50-382/199800900

Management and Supervision IR
Number of items: 12
Percent of total: 11.01
43-Operating Experi G-Engineering Z-Other 50-382/1997025
41-Action not begun G-Engineering Z-Other 50-382/1997025
41-Action not begun G-Engineering Z-Other 50-382/1997025
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Management and Supervision IR			
Number of items: 12			
Percent of Total: 11.01			
41-Action not begun	G-Engineering	G-Design	50-382/1997025
32-Supervision / co	O-Operations	B-Bal of Plant Ops	50-382/1997026

40-Individual Corre	O-Operations	Z-Other	50-382/1997026
41-Action not begun	G-Engineering	Z-Other	50-382/1997027
41-Action not begun	O-Operations	Z-Other	50-382/1997028
40-Individual Corre	G-Engineering	Z-Other	50-382/1998006
40-Individual Corre	G-Engineering	Z-Other	50-382/1998008
41-Action not begun	O-Operations	Z-Other	50-382/1998009
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-382/1998012

Management and Supervision ER

Number of items: 0

Percent of total: 0

Management and Supervision LER

Number of items: 1

Percent of total: .92

32-Supervision / co	O-Operations	O-Control Room Ops	50-382/199800200
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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: 1

Percent of total: .92

21-Staffing LTA	O-Operations	O-Control Room Ops	50-382/199800200
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Procedures and Reference Document IR

Number of items: 17

Percent of total: 15.6

12-Procedure techni	G-Engineering	G-Design	50-382/1997025
12-Procedure techni	G-Engineering	G-Design	50-382/1997025
12-Procedure techni	G-Engineering	G-Design	50-382/1997028
12-Procedure techni	G-Engineering	G-Design	50-382/1998006
11-No procedure / r	G-Engineering	G-Design	50-382/1998006
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-382/1998008
12-Procedure techni	G-Engineering	G-Design	50-382/1998008
12-Procedure techni	G-Engineering	G-Design	50-382/1998008
12-Procedure techni	G-Engineering	G-Design	50-382/1998008
12-Procedure techni	G-Engineering	G-Design	50-382/1998008
12-Procedure techni	G-Engineering	G-Design	50-382/1998008
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-382/1998014
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-382/1998014
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-382/1998014
11-No procedure / r	G-Engineering	G-Design	50-382/1998014

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Procedures and Reference Document IR

Number of items: 17

Percent of Total: 15.6

11-No procedure / r	G-Engineering	G-Design	50-382/1998014
11-No procedure / r	G-Engineering	G-Design	50-382/1998014

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: .92

12-Procedure techni	Z-Other	Z-Other	50-382/199801700
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Training IR

Number of items: 5

Percent of total: 4.59

06-Simulator fideli	T-Training	D-Emergency Drill	50-382/1998008
02-Training LTA	T-Training	Z-Other	50-382/1998014
05-Individual knowl	O-Operations	O-Control Room Ops	50-382/1998014
05-Individual knowl	O-Operations	O-Control Room Ops	50-382/1998014
02-Training LTA	T-Training	Z-Other	50-382/1998014

Training ER

Number of items: 0
Percent of total: 0

Training LER

Number of items: 3
Percent of total: 2.75

02-Training LTA	O-Operations	S-Surveillance	50-382/199801200
02-Training LTA	O-Operations	S-Surveillance	50-382/199801200
01-No Training	Z-Other	Z-Other	50-382/199801700

Work Factors IR

Number of items: 51
Percent of total: 46.79

91-Verification / p	O-Operations	B-Bal of Plant Ops	50-382/1997024
84-Non-conserv. dec	G-Engineering	G-Design	50-382/1997024
83-Work practice or	G-Engineering	G-Design	50-382/1997025
83-Work practice or	G-Engineering	G-Design	50-382/1997025
83-Work practice or	G-Engineering	G-Design	50-382/1997025
81-Work Package Qua	G-Engineering	G-Design	50-382/1997025
81-Work Package Qua	G-Engineering	G-Design	50-382/1997025
83-Work practice or	G-Engineering	G-Design	50-382/1997025
81-Work Package Qua	G-Engineering	G-Design	50-382/1997025
83-Work practice or	G-Engineering	G-Design	50-382/1997025
83-Work practice or	G-Engineering	G-Design	50-382/1997025
81-Work Package Qua	G-Engineering	G-Design	50-382/1997025
86-Work untimely	G-Engineering	T-Testing	50-382/1997025
83-Work practice or	G-Engineering	G-Design	50-382/1997025
81-Work Package Qua	G-Engineering	G-Design	50-382/1997025

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Work Factors IR

Number of items: 51
Percent of Total: 46.79

81-Work Package Qua	G-Engineering	G-Design	50-382/1997025
81-Work Package Qua	G-Engineering	G-Design	50-382/1997025
81-Work Package Qua	G-Engineering	G-Design	50-382/1997025
81-Work Package Qua	G-Engineering	G-Design	50-382/1997025
81-Work Package Qua	G-Engineering	G-Design	50-382/1997025
83-Work practice or	O-Operations	M-Maint / Repair	50-382/1997026
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-382/1997026
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-382/1997026
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-382/1997026
91-Verification / p	O-Operations	O-Control Room Ops	50-382/1997026
91-Verification / p	O-Operations	O-Control Room Ops	50-382/1997026
83-Work practice or	G-Engineering	G-Design	50-382/1997027
89-Housekeeping LTA	M-Mechanical	K-Housekeeping	50-382/1997028
84-Non-conserv. dec	I-Instrumentation &	V-Troubleshooting	50-382/1997028
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-382/1998006
83-Work practice or	G-Engineering	V-Troubleshooting	50-382/1998006
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-382/1998008
93-Awareness or att	O-Operations	O-Control Room Ops	50-382/1998008
93-Awareness or att	O-Operations	O-Control Room Ops	50-382/1998008
93-Awareness or att	O-Operations	O-Control Room Ops	50-382/1998008
84-Non-conserv. dec	O-Operations	Z-Other	50-382/1998009
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-382/1998009
93-Awareness or att	M-Mechanical	T-Testing	50-382/1998009
93-Awareness or att	M-Mechanical	K-Housekeeping	50-382/1998009
93-Awareness or att	A-Administrative Su	A-Administrative	50-382/1998009
93-Awareness or att	U-Unknown	Q-Fire Protection	50-382/1998009
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-382/1998012
83-Work practice or	M-Mechanical	H-Health Physics	50-382/1998012
93-Awareness or att	O-Operations	M-Maint / Repair	50-382/1998012
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-382/1998014
83-Work practice or	M-Mechanical	M-Maint / Repair	50-382/1998014
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-382/1998014
93-Awareness or att	Z-Other	A-Administrative	50-382/1998014
84-Non-conserv. dec	G-Engineering	M-Maint / Repair	50-382/1998014
86-Work untimely	G-Engineering	G-Design	50-382/1998014
83-Work practice or	U-Unknown	Z-Other	50-382/1998014

Work Factors ER

Number of items: 0
 Percent of total: 0

Work Factors LER

Number of items: 7
 Percent of total: 6.42

83-Work practice or	O-Operations	O-Control Room Ops	50-382/199800200
93-Awareness or att	O-Operations	O-Control Room Ops	50-382/199800200
92-Self check LTA	G-Engineering	F-Modification	50-382/199800300
84-Non-conserv. dec	E-Electrical	M-Maint / Repair	50-382/199800900
84-Non-conserv. dec	E-Electrical	M-Maint / Repair	50-382/199800900
84-Non-conserv. dec	O-Operations	S-Surveillance	50-382/199801200

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Work Factors LER

Number of items: 7
 Percent of Total: 6.42

84-Non-conserv. dec	O-Operations	S-Surveillance	50-382/199801200
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