

1997 Human Factors Information System Report for Plant Docket 397

Combined IR/ER/LER Report
Docket: 50-397 WASHINGTON NUCLEAR 2

Total Number of Hits in Date Range: 142
From 01/01/1997 to 12/31/1997
2x National Average: 213

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 8			
Percent of total: 5.63			
54-No communication	O-Operations	U-Unknown	50-397/1996024
53-Communication LT	M-Mechanical	U-Unknown	50-397/1997003
	M-Mechanical		
53-Communication LT	H-Health Physics	U-Unknown	50-397/1997003
	H-Health Physics		
52-Communication un	O-Operations	O-Control Room Ops	50-397/1997016
	O-Operations		
54-No communication	O-Operations	B-Bal of Plant Ops	50-397/1997016
	O-Operations		
53-Communication LT	H-Health Physics	H-Health Physics	50-397/1997016
	H-Health Physics		
55-Communication Eq	D-Emergency Plannin	D-Emergency Drill	50-397/1997017
	D-Emergency Plannin		
55-Communication Eq	D-Emergency Plannin	D-Emergency Drill	50-397/1997017
	D-Emergency Plannin		

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: .7
75-Work area LTA M-Mechanical U-Unknown 50-397/1997003

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: 23
Percent of total: 16.2
32-Supervision / co B-Plant Management U-Unknown 50-397/1996018
36-Scheduling and p W-Work Control / Sc S-Surveillance 50-397/1996022
36-Scheduling and p M-Mechanical U-Unknown 50-397/1996024
33-Management expec I-Instrumentation & C-Calibration 50-397/1997003
32-Supervision / co G-Engineering V-Troubleshooting 50-397/1997003
40-Individual Corre G-Engineering G-Design 50-397/1997004
37-Unqualified work O-Operations B-Bal of Plant Ops 50-397/1997009
32-Supervision / co M-Mechanical M-Maint / Repair 50-397/1997009

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 23			
Percent of Total: 16.2			
36-Scheduling and p	W-Work Control / Sc	F-Modification	50-397/1997009

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43-Operating Experi	G-Engineering	F-Modification	50-397/1997010
42-No action planne	G-Engineering	F-Modification	50-397/1997010
47-Root Cause LTA	G-Engineering	Z-Other	50-397/1997010
40-Individual Corre	G-Engineering	Z-Other	50-397/1997011
33-Management expec	O-Operations	K-Housekeeping	50-397/1997014
40-Individual Corre	O-Operations	O-Control Room Ops	50-397/1997014
47-Root Cause LTA	O-Operations	Z-Other	50-397/1997014
40-Individual Corre	O-Operations	S-Surveillance	50-397/1997014
40-Individual Corre	W-Work Control / Sc	H-Health Physics	50-397/1997014
40-Individual Corre	O-Operations	M-Maint / Repair	50-397/1997016
41-Action not begun	G-Engineering	M-Maint / Repair	50-397/1997016
41-Action not begun	G-Engineering	M-Maint / Repair	50-397/1997016
41-Action not begun	G-Engineering	M-Maint / Repair	50-397/1997016
47-Root Cause LTA	G-Engineering	Z-Other	50-397/1997017

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: 2

Percent of total: 1.41

22-Poor Task Alloca I-Instrumentation & V-Troubleshooting 50-397/1997003

21-Staffing LTA D-Emergency Plannin D-Emergency Drill 50-397/1997017

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: 18

Percent of total: 12.68

12-Procedure techni O-Operations U-Unknown 50-397/1996018

14-Document develop B-Plant Management U-Unknown 50-397/1996018

12-Procedure techni G-Engineering G-Design 50-397/1996022

14-Document develop P-Procedure Writers T-Testing 50-397/1997003

12-Procedure techni P-Procedure Writers V-Troubleshooting 50-397/1997003

12-Procedure techni G-Engineering G-Design 50-397/1997005

12-Procedure techni G-Engineering G-Design 50-397/1997005

12-Procedure techni G-Engineering G-Design 50-397/1997005

12-Procedure techni G-Engineering F-Modification 50-397/1997009

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Procedures and Reference Document IR

Number of items: 18

Percent of Total: 12.68

12-Procedure techni G-Engineering F-Modification 50-397/1997009

12-Procedure techni G-Engineering P-Procedure Dev 50-397/1997009

12-Procedure techni G-Engineering G-Design 50-397/1997010

12-Procedure techni G-Engineering G-Design 50-397/1997012

13-Procedure has hu G-Engineering G-Design 50-397/1997014

13-Procedure has hu G-Engineering G-Design 50-397/1997014

12-Procedure techni G-Engineering G-Design 50-397/1997014

12-Procedure techni G-Engineering G-Design 50-397/1997014

12-Procedure techni O-Operations Q-Fire Protection 50-397/1997014

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: .7

13-Procedure has hu M-Mechanical T-Testing 50-397/199700900

Training IR

Number of items: 12

Percent of total: 8.45

05-Individual knowl	O-Operations	O-Control Room Ops	50-397/1996009
05-Individual knowl	O-Operations	O-Control Room Ops	50-397/1996009
06-Simulator fideli	T-Training	Z-Other	50-397/1996009
05-Individual knowl	G-Engineering	U-Unknown	50-397/1996018
04-Task Qualificati	M-Mechanical	H-Health Physics	50-397/1997003
02-Training LTA	T-Training	A-Administrative	50-397/1997008
05-Individual knowl	M-Mechanical	M-Maint / Repair	50-397/1997009
05-Individual knowl	M-Mechanical	M-Maint / Repair	50-397/1997009
06-Simulator fideli	T-Training	F-Modification	50-397/1997010
02-Training LTA	T-Training	B-Bal of Plant Ops	50-397/1997012
02-Training LTA	T-Training	A-Administrative	50-397/1997016
02-Training LTA	T-Training	D-Emergency Drill	50-397/1997017

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: 76

Percent of total: 53.52

81-Work Package Qua	T-Training	Z-Other	50-397/1996009
84-Non-conserv. dec	G-Engineering	U-Unknown	50-397/1996018
83-Work practice or	G-Engineering	A-Administrative	50-397/1996022
81-Work Package Qua	G-Engineering	G-Design	50-397/1996022

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Work Factors IR

Number of items: 76

Percent of Total: 53.52

81-Work Package Qua	G-Engineering	F-Modification	50-397/1996022
83-Work practice or	G-Engineering	G-Design	50-397/1996022
83-Work practice or	G-Engineering	G-Design	50-397/1996022
83-Work practice or	G-Engineering	G-Design	50-397/1996022
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-397/1997003
84-Non-conserv. dec	G-Engineering	O-Control Room Ops	50-397/1997003
93-Awareness or att	O-Operations	M-Maint / Repair	50-397/1997003
91-Verification / p	O-Operations	M-Maint / Repair	50-397/1997003
92-Self check LTA	O-Operations	S-Surveillance	50-397/1997003
91-Verification / p	O-Operations	S-Surveillance	50-397/1997003
91-Verification / p	O-Operations	M-Maint / Repair	50-397/1997003
92-Self check LTA	M-Mechanical	U-Unknown	50-397/1997003
83-Work practice or	H-Health Physics	U-Unknown	50-397/1997003
83-Work practice or	I-Instrumentation &	C-Calibration	50-397/1997003
83-Work practice or	G-Engineering	V-Troubleshooting	50-397/1997003
87-Non-conservati	G-Engineering	V-Troubleshooting	50-397/1997003
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-397/1997003
92-Self check LTA	M-Mechanical	M-Maint / Repair	50-397/1997003
91-Verification / p	M-Mechanical	T-Testing	50-397/1997003
84-Non-conserv. dec	Q-QA/QC	H-Health Physics	50-397/1997003
92-Self check LTA	O-Operations	M-Maint / Repair	50-397/1997003
84-Non-conserv. dec	G-Engineering	G-Design	50-397/1997004
84-Non-conserv. dec	G-Engineering	G-Design	50-397/1997004
93-Awareness or att	W-Work Control / Sc	F-Modification	50-397/1997004
93-Awareness or att	G-Engineering	F-Modification	50-397/1997004
81-Work Package Qua	G-Engineering	G-Design	50-397/1997006
83-Work practice or	B-Plant Management	A-Administrative	50-397/1997008
93-Awareness or att	B-Plant Management	A-Administrative	50-397/1997008
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-397/1997009
83-Work practice or	O-Operations	A-Administrative	50-397/1997009
92-Self check LTA	M-Mechanical	M-Maint / Repair	50-397/1997009
82-Briefing, prep.	M-Mechanical	M-Maint / Repair	50-397/1997009
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-397/1997009
81-Work Package Qua	G-Engineering	F-Modification	50-397/1997010
83-Work practice or	G-Engineering	F-Modification	50-397/1997010
81-Work Package Qua	G-Engineering	F-Modification	50-397/1997010
81-Work Package Qua	G-Engineering	F-Modification	50-397/1997010

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81-Work Package Qua	G-Engineering	G-Design	50-397/1997010
81-Work Package Qua	G-Engineering	R-Refueling	50-397/1997011
81-Work Package Qua	G-Engineering	R-Refueling	50-397/1997011
81-Work Package Qua	G-Engineering	R-Refueling	50-397/1997011
83-Work practice or	G-Engineering	R-Refueling	50-397/1997011
83-Work practice or	G-Engineering	A-Administrative	50-397/1997011
83-Work practice or	G-Engineering	G-Design	50-397/1997011
83-Work practice or	G-Engineering	T-Testing	50-397/1997011
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-397/1997012
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-397/1997012
93-Awareness or att	U-Unknown	K-Housekeeping	50-397/1997012
93-Awareness or att	U-Unknown	K-Housekeeping	50-397/1997012
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-397/1997014

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Work Factors IR			
Number of items: 76			
Percent of Total: 53.52			
92-Self check LTA	O-Operations	O-Control Room Ops	50-397/1997014
91-Verification / p	G-Engineering	O-Control Room Ops	50-397/1997014
93-Awareness or att	O-Operations	O-Control Room Ops	50-397/1997014
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-397/1997014
84-Non-conserv. dec	U-Unknown	S-Surveillance	50-397/1997014
83-Work practice or	G-Engineering	S-Surveillance	50-397/1997014
83-Work practice or	H-Health Physics	H-Health Physics	50-397/1997014
92-Self check LTA	W-Work Control / Sc	H-Health Physics	50-397/1997014
92-Self check LTA	W-Work Control / Sc	H-Health Physics	50-397/1997014
93-Awareness or att	W-Work Control / Sc	S-Surveillance	50-397/1997015
93-Awareness or att	W-Work Control / Sc	S-Surveillance	50-397/1997015
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-397/1997016
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-397/1997016
83-Work practice or	M-Mechanical	M-Maint / Repair	50-397/1997016
84-Non-conserv. dec	H-Health Physics	H-Health Physics	50-397/1997016
81-Work Package Qua	H-Health Physics	H-Health Physics	50-397/1997016
84-Non-conserv. dec	H-Health Physics	H-Health Physics	50-397/1997016
84-Non-conserv. dec	O-Operations	H-Health Physics	50-397/1997016
93-Awareness or att	H-Health Physics	H-Health Physics	50-397/1997016
81-Work Package Qua	W-Work Control / Sc	A-Administrative	50-397/1997017
83-Work practice or	G-Engineering	F-Modification	50-397/1997017
93-Awareness or att	D-Emergency Plannin	D-Emergency Drill	50-397/1997017

Work Factors ER

Number of items: 0

Percent of total: 0

Work Factors LER

Number of items: 1

Percent of total: .7

87-Non-conservati G-Engineering G-Design 50-397/199700100

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[End of File for Plant Docket 397 (1997)]