

1999 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: 152
From 01/01/1999 to 12/31/1999
2x National Average: 226

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 6			
Percent of total: 3.95			
53-Communication LT	M-Mechanical M-Mechanical	M-Maint / Repair	50-397/1999002
53-Communication LT	O-Operations O-Operations	Z-Other	50-397/1999005
53-Communication LT	O-Operations O-Operations	Z-Other	50-397/1999005
53-Communication LT	O-Operations O-Operations	Z-Other	50-397/1999005
52-Communication un	O-Operations O-Operations	O-Control Room Ops	50-397/1999007
53-Communication LT	E-Electrical E-Electrical	M-Maint / Repair	50-397/1999007
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 2			
Percent of total: 1.32			
53-Communication LT	G-Engineering G-Engineering	F-Modification	50-397/199900200
53-Communication LT	P-Procedure Writers P-Procedure Writers	F-Modification	50-397/199900200
Human-System Interface and Environm IR			
Number of items: 10			
Percent of total: 6.58			
76-Postings LTA	H-Health Physics	H-Health Physics	50-397/1998023
76-Postings LTA	H-Health Physics	H-Health Physics	50-397/1998025
76-Postings LTA	H-Health Physics	H-Health Physics	50-397/1999002
76-Postings LTA	H-Health Physics	H-Health Physics	50-397/1999002
62-Information orga	O-Operations	O-Control Room Ops	50-397/1999004
62-Information orga	O-Operations	O-Control Room Ops	50-397/1999004
76-Postings LTA	H-Health Physics	H-Health Physics	50-397/1999004
76-Postings LTA	D-Emergency Plannin	D-Emergency Drill	50-397/1999009
71-Temperature / Hu	O-Operations	B-Bal of Plant Ops	50-397/1999013
71-Temperature / Hu	O-Operations	B-Bal of Plant Ops	50-397/1999013
Human-System Interface and Environm ER			
Number of items: 1			
Percent of total: .66			
64-Placement or loc	O-Operations	Z-Other	50-397/1999301
Human-System Interface and Environm LER			
Number of items: 0			
Percent of total: 0			
Management and Supervision IR			
Number of items: 14			
Percent of total: 9.21			
40-Individual Corre	H-Health Physics	Z-Other	50-397/1998023
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Management and Supervision IR			

Number of items: 14
 Percent of Total: 9.21

40-Individual Corre	O-Operations	Z-Other	50-397/1998024
40-Individual Corre	T-Training	Z-Other	50-397/1998024
40-Individual Corre	W-Work Control / Sc	Z-Other	50-397/1999002
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-397/1999003
43-Operating Experi	W-Work Control / Sc	M-Maint / Repair	50-397/1999003
40-Individual Corre	O-Operations	Z-Other	50-397/1999004
48-Audits or proble	O-Operations	Z-Other	50-397/1999005
40-Individual Corre	H-Health Physics	Z-Other	50-397/1999006
48-Audits or proble	Q-QA/QC	H-Health Physics	50-397/1999006
33-Management expec	O-Operations	B-Bal of Plant Ops	50-397/1999007
32-Supervision / co	O-Operations	O-Control Room Ops	50-397/1999007
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-397/1999011
41-Action not begun	G-Engineering	Z-Other	50-397/1999013

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: 24
 Percent of total: 15.79

12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-397/1998023
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-397/1998025
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-397/1998025
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-397/1998025
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-397/1998025
12-Procedure techni	G-Engineering	G-Design	50-397/1998025
13-Procedure has hu	H-Health Physics	H-Health Physics	50-397/1999002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-397/1999004
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-397/1999004
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-397/1999004
13-Procedure has hu	Z-Other	Z-Other	50-397/1999004
12-Procedure techni	P-Procedure Writers	G-Design	50-397/1999004
12-Procedure techni	H-Health Physics	H-Health Physics	50-397/1999006

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Procedures and Reference Document IR
 Number of items: 24
 Percent of Total: 15.79

13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-397/1999007
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-397/1999007
12-Procedure techni	G-Engineering	G-Design	50-397/1999007
12-Procedure techni	G-Engineering	G-Design	50-397/1999007
12-Procedure techni	G-Engineering	G-Design	50-397/1999007
13-Procedure has hu	G-Engineering	G-Design	50-397/1999007
13-Procedure has hu	G-Engineering	G-Design	50-397/1999007
12-Procedure techni	Z-Other	G-Design	50-397/1999009
12-Procedure techni	G-Engineering	G-Design	50-397/1999009
12-Procedure techni	G-Engineering	G-Design	50-397/1999009
12-Procedure techni	G-Engineering	G-Design	50-397/1999009

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

Procedures and Reference Document LER

Number of items: 2

Percent of total: 1.32

14-Document develop	P-Procedure Writers	P-Procedure Dev	50-397/199900200
14-Document develop	E-Electrical	M-Maint / Repair	50-397/199900200

Training IR

Number of items: 12

Percent of total: 7.89

02-Training LTA	T-Training	Z-Other	50-397/1998024
03-Training process	T-Training	Z-Other	50-397/1998024
05-Individual knowl	E-Electrical	M-Maint / Repair	50-397/1998025
05-Individual knowl	E-Electrical	M-Maint / Repair	50-397/1998025
05-Individual knowl	F-Fuel Handling	R-Refueling	50-397/1999002
05-Individual knowl	O-Operations	M-Maint / Repair	50-397/1999002
02-Training LTA	T-Training	H-Health Physics	50-397/1999002
02-Training LTA	T-Training	M-Maint / Repair	50-397/1999003
02-Training LTA	T-Training	Z-Other	50-397/1999005
05-Individual knowl	M-Mechanical	M-Maint / Repair	50-397/1999009
05-Individual knowl	M-Mechanical	M-Maint / Repair	50-397/1999009
03-Training process	T-Training	Z-Other	50-397/1999013

Training ER

Number of items: 2

Percent of total: 1.32

02-Training LTA	T-Training	Z-Other	50-397/1999301
02-Training LTA	T-Training	Z-Other	50-397/1999301

Training LER

Number of items: 0

Percent of total: 0

Work Factors IR

Number of items: 73

Percent of total: 48.03

82-Briefing, prep.	O-Operations	V-Troubleshooting	50-397/1998023
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Details	Department	Work Type	Docket/Report
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Work Factors IR

Number of items: 73

Percent of Total: 48.03

84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-397/1998023
93-Awareness or att	Z-Other	Z-Other	50-397/1998023
93-Awareness or att	Z-Other	Z-Other	50-397/1998023
83-Work practice or	H-Health Physics	A-Administrative	50-397/1998023
83-Work practice or	H-Health Physics	A-Administrative	50-397/1998023
93-Awareness or att	O-Operations	Z-Other	50-397/1998024
82-Briefing, prep.	O-Operations	Z-Other	50-397/1998024
82-Briefing, prep.	O-Operations	Z-Other	50-397/1998024
93-Awareness or att	O-Operations	T-Testing	50-397/1998025
93-Awareness or att	O-Operations	T-Testing	50-397/1998025
93-Awareness or att	O-Operations	T-Testing	50-397/1998025
83-Work practice or	Z-Other	Z-Other	50-397/1998025
84-Non-conserv. dec	E-Electrical	M-Maint / Repair	50-397/1998025
84-Non-conserv. dec	E-Electrical	M-Maint / Repair	50-397/1998025
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-397/1998025
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-397/1998025
83-Work practice or	G-Engineering	M-Maint / Repair	50-397/1998025
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-397/1998025
86-Work untimely	P-Procedure Writers	P-Procedure Dev	50-397/1998025
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-397/1998025
89-Housekeeping LTA	O-Operations	P-Procedure Dev	50-397/1998025
83-Work practice or	F-Fuel Handling	R-Refueling	50-397/1999002
83-Work practice or	I-Instrumentation &	S-Surveillance	50-397/1999002
83-Work practice or	I-Instrumentation &	A-Administrative	50-397/1999002
83-Work practice or	I-Instrumentation &	A-Administrative	50-397/1999002
91-Verification / p	G-Engineering	S-Surveillance	50-397/1999002
93-Awareness or att	W-Work Control / Sc	M-Maint / Repair	50-397/1999002
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-397/1999002
89-Housekeeping LTA	I-Instrumentation &	C-Calibration	50-397/1999002
93-Awareness or att	H-Health Physics	H-Health Physics	50-397/1999002
89-Housekeeping LTA	M-Mechanical	K-Housekeeping	50-397/1999002
83-Work practice or	Z-Other	Z-Other	50-397/1999002

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81-Work Package Qua	G-Engineering	Q-Fire Protection	50-397/1999002
91-Verification / p	H-Health Physics	H-Health Physics	50-397/1999003
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-397/1999003
89-Housekeeping LTA	C-Chemistry	K-Housekeeping	50-397/1999004
81-Work Package Qua	G-Engineering	F-Modification	50-397/1999004
93-Awareness or att	O-Operations	O-Control Room Ops	50-397/1999005
93-Awareness or att	O-Operations	Z-Other	50-397/1999005
93-Awareness or att	H-Health Physics	A-Administrative	50-397/1999006
83-Work practice or	H-Health Physics	H-Health Physics	50-397/1999006
83-Work practice or	H-Health Physics	H-Health Physics	50-397/1999006
93-Awareness or att	G-Engineering	A-Administrative	50-397/1999006
93-Awareness or att	O-Operations	O-Control Room Ops	50-397/1999007
93-Awareness or att	O-Operations	O-Control Room Ops	50-397/1999007
93-Awareness or att	O-Operations	O-Control Room Ops	50-397/1999007
81-Work Package Qua	O-Operations	B-Bal of Plant Ops	50-397/1999007
81-Work Package Qua	O-Operations	B-Bal of Plant Ops	50-397/1999007
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-397/1999007
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-397/1999007

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Work Factors IR			
Number of items: 73			
Percent of Total: 48.03			
81-Work Package Qua	G-Engineering	F-Modification	50-397/1999007
83-Work practice or	F-Fuel Handling	A-Administrative	50-397/1999007
93-Awareness or att	H-Health Physics	A-Administrative	50-397/1999007
93-Awareness or att	H-Health Physics	A-Administrative	50-397/1999007
93-Awareness or att	H-Health Physics	A-Administrative	50-397/1999007
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-397/1999009
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-397/1999009
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-397/1999009
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-397/1999009
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-397/1999009
93-Awareness or att	M-Mechanical	A-Administrative	50-397/1999009
91-Verification / p	M-Mechanical	M-Maint / Repair	50-397/1999009
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-397/1999009
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-397/1999009
93-Awareness or att	Z-Other	M-Maint / Repair	50-397/1999009
93-Awareness or att	Z-Other	M-Maint / Repair	50-397/1999009
83-Work practice or	C-Chemistry	D-Emergency Drill	50-397/1999009
83-Work practice or	Z-Other	Z-Other	50-397/1999011
93-Awareness or att	W-Work Control / Sc	M-Maint / Repair	50-397/1999011
81-Work Package Qua	G-Engineering	F-Modification	50-397/1999013
93-Awareness or att	G-Engineering	F-Modification	50-397/1999013
83-Work practice or	G-Engineering	G-Design	50-397/1999013

Work Factors ER			
Number of items: 6			
Percent of total: 3.95			
93-Awareness or att	T-Training	Z-Other	50-397/1999301
86-Work untimely	O-Operations	Z-Other	50-397/1999301
86-Work untimely	O-Operations	Z-Other	50-397/1999301
93-Awareness or att	O-Operations	Z-Other	50-397/1999301
93-Awareness or att	O-Operations	Z-Other	50-397/1999301
83-Work practice or	T-Training	Z-Other	50-397/1999301

Work Factors LER			
Number of items: 0			
Percent of total: 0			
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[End of File for Plant Docket 397 (1999)]