

1998 Human Factors Information System Report for Plant Docket 461

Combined IR/ER/LER Report
Docket: 50-461 CLINTON

Total Number of Hits in Date Range: 329
From 01/01/1998 to 12/31/1998
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 7			
Percent of total: 2.13			
53-Communication LT	O-Operations	Z-Other	50-461/1998003
	O-Operations		
54-No communication	O-Operations	O-Control Room Ops	50-461/1998003
	O-Operations		
52-Communication un	O-Operations	O-Control Room Ops	50-461/1998004
	O-Operations		
51-Misunderstood /	G-Engineering	G-Design	50-461/1998005
	G-Engineering		
52-Communication un	O-Operations	B-Bal of Plant Ops	50-461/1998006
	O-Operations		
53-Communication LT	O-Operations	C-Calibration	50-461/1998011
	O-Operations		
55-Communication Eq	D-Emergency Plannin	D-Emergency Drill	50-461/1998014
	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: .3
76-Postings LTA H-Health Physics H-Health Physics 50-461/1998014

Human-System Interface and Environm ER
Number of items: 0
Percent of total: 0

Human-System Interface and Environm LER
Number of items: 3
Percent of total: .91
75-Work area LTA I-Instrumentation & M-Maint / Repair 50-461/199801800
64-Placement or loc I-Instrumentation & M-Maint / Repair 50-461/199801800
72-Lighting LTA I-Instrumentation & M-Maint / Repair 50-461/199801800

Management and Supervision IR
Number of items: 56
Percent of total: 17.02
32-Supervision / co O-Operations O-Control Room Ops 50-461/1997025
32-Supervision / co O-Operations M-Maint / Repair 50-461/1997025
32-Supervision / co O-Operations T-Testing 50-461/1997025
40-Individual Corre O-Operations Z-Other 50-461/1997025
43-Operating Experi G-Engineering M-Maint / Repair 50-461/1997025
36-Scheduling and p W-Work Control / Sc M-Maint / Repair 50-461/1997025
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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 56			
Percent of Total: 17.02			
32-Supervision / co	O-Operations	T-Testing	50-461/1997025
47-Root Cause LTA	G-Engineering	Z-Other	50-461/1997025

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32-Supervision / co	O-Operations	O-Control Room Ops	50-461/1998003
40-Individual Corre	O-Operations	O-Control Room Ops	50-461/1998003
40-Individual Corre	O-Operations	A-Administrative	50-461/1998003
44-Corrective Actio	M-Mechanical	Z-Other	50-461/1998003
32-Supervision / co	O-Operations	Z-Other	50-461/1998003
40-Individual Corre	O-Operations	Z-Other	50-461/1998003
42-No action planne	O-Operations	O-Control Room Ops	50-461/1998003
41-Action not begun	O-Operations	Z-Other	50-461/1998003
33-Management expec	O-Operations	P-Procedure Dev	50-461/1998003
44-Corrective Actio	P-Procedure Writers	P-Procedure Dev	50-461/1998003
32-Supervision / co	E-Electrical	V-Troubleshooting	50-461/1998003
40-Individual Corre	O-Operations	Z-Other	50-461/1998004
32-Supervision / co	O-Operations	O-Control Room Ops	50-461/1998004
40-Individual Corre	G-Engineering	Z-Other	50-461/1998004
37-Unqualified work	G-Engineering	G-Design	50-461/1998005
40-Individual Corre	G-Engineering	Z-Other	50-461/1998005
40-Individual Corre	G-Engineering	Z-Other	50-461/1998006
41-Action not begun	W-Work Control / Sc	M-Maint / Repair	50-461/1998006
40-Individual Corre	O-Operations	Z-Other	50-461/1998008
33-Management expec	M-Mechanical	A-Administrative	50-461/1998008
41-Action not begun	M-Mechanical	Z-Other	50-461/1998008
48-Audits or proble	M-Mechanical	Z-Other	50-461/1998008
48-Audits or proble	E-Electrical	Z-Other	50-461/1998008
48-Audits or proble	I-Instrumentation &	Z-Other	50-461/1998008
40-Individual Corre	G-Engineering	Z-Other	50-461/1998008
40-Individual Corre	G-Engineering	G-Design	50-461/1998011
40-Individual Corre	O-Operations	Z-Other	50-461/1998011
32-Supervision / co	O-Operations	V-Troubleshooting	50-461/1998011
41-Action not begun	O-Operations	Z-Other	50-461/1998011
41-Action not begun	G-Engineering	Z-Other	50-461/1998011
43-Operating Experi	G-Engineering	G-Design	50-461/1998011
41-Action not begun	E-Electrical	Z-Other	50-461/1998011
40-Individual Corre	G-Engineering	T-Testing	50-461/1998011
40-Individual Corre	O-Operations	Z-Other	50-461/1998014
44-Corrective Actio	O-Operations	Z-Other	50-461/1998014
40-Individual Corre	O-Operations	Z-Other	50-461/1998014
32-Supervision / co	O-Operations	Z-Other	50-461/1998014
48-Audits or proble	O-Operations	Z-Other	50-461/1998014
42-No action planne	O-Operations	Z-Other	50-461/1998014
40-Individual Corre	O-Operations	Z-Other	50-461/1998014
41-Action not begun	O-Operations	Z-Other	50-461/1998014
36-Scheduling and p	G-Engineering	T-Testing	50-461/1998014
44-Corrective Actio	E-Electrical	Z-Other	50-461/1998014
44-Corrective Actio	I-Instrumentation &	Z-Other	50-461/1998014
44-Corrective Actio	M-Mechanical	Z-Other	50-461/1998014
36-Scheduling and p	W-Work Control / Sc	S-Surveillance	50-461/1998014
40-Individual Corre	W-Work Control / Sc	Z-Other	50-461/1998014
36-Scheduling and p	W-Work Control / Sc	S-Surveillance	50-461/1998014

Management and Supervision ER

Number of items: 0

Percent of total: 0

Management and Supervision LER

Number of items: 7

Percent of total: 2.13

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2x National Average: 255

Details	Department	Work Type	Docket/Report
Management and Supervision LER			
Number of items: 7			
Percent of Total: 2.13			
33-Management expec	U-Unknown	M-Maint / Repair	50-461/199801100
33-Management expec	U-Unknown	S-Surveillance	50-461/199801100
32-Supervision / co	W-Work Control / Sc	A-Administrative	50-461/199802401
36-Scheduling and p	E-Electrical	S-Surveillance	50-461/199802401
32-Supervision / co	W-Work Control / Sc	A-Administrative	50-461/199802700
40-Individual Corre	W-Work Control / Sc	A-Administrative	50-461/199802700
36-Scheduling and p	E-Electrical	S-Surveillance	50-461/199802700

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: .3

21-Staffing LTA W-Work Control / Sc A-Administrative 50-461/199802401

Procedures and Reference Document IR

Number of items: 26

Percent of total: 7.9

11-No procedure / r	Z-Other	Z-Other	50-461/1997024
13-Procedure has hu	G-Engineering	G-Design	50-461/1997025
12-Procedure techni	G-Engineering	G-Design	50-461/1997025
13-Procedure has hu	G-Engineering	G-Design	50-461/1997025
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-461/1998003
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-461/1998003
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-461/1998003
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-461/1998003
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-461/1998003
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-461/1998003
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-461/1998003
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-461/1998003
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-461/1998003
12-Procedure techni	G-Engineering	G-Design	50-461/1998003
12-Procedure techni	G-Engineering	G-Design	50-461/1998004
13-Procedure has hu	G-Engineering	G-Design	50-461/1998004
13-Procedure has hu	G-Engineering	G-Design	50-461/1998005
12-Procedure techni	G-Engineering	G-Design	50-461/1998005
11-No procedure / r	G-Engineering	G-Design	50-461/1998005
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-461/1998008
12-Procedure techni	G-Engineering	G-Design	50-461/1998008
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-461/1998011
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-461/1998011
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-461/1998011
13-Procedure has hu	O-Operations	P-Procedure Dev	50-461/1998014
12-Procedure techni	P-Procedure Writers	G-Design	50-461/1998014

Procedures and Reference Document ER

Number of items: 2

Percent of total: .61

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Details	Department	Work Type	Docket/Report
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Procedures and Reference Document ER

Number of items: 2

Percent of Total: .61

13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-461/1998301
13-Procedure has hu	T-Training	Z-Other	50-461/1998301

Procedures and Reference Document LER

Number of items: 5

Percent of total: 1.52

12-Procedure techni	E-Electrical	M-Maint / Repair	50-461/199800301
12-Procedure techni	E-Electrical	C-Calibration	50-461/199800401
14-Document develop	O-Operations	P-Procedure Dev	50-461/199800501
11-No procedure / r	I-Instrumentation &	M-Maint / Repair	50-461/199801800
14-Document develop	M-Mechanical	S-Surveillance	50-461/199802200

Training IR

Number of items: 19

Percent of total: 5.78

05-Individual knowl	O-Operations	T-Testing	50-461/1997025
05-Individual knowl	O-Operations	O-Control Room Ops	50-461/1998003
05-Individual knowl	G-Engineering	O-Control Room Ops	50-461/1998003
05-Individual knowl	O-Operations	O-Control Room Ops	50-461/1998003
05-Individual knowl	O-Operations	O-Control Room Ops	50-461/1998003
01-No Training	T-Training	Z-Other	50-461/1998003
05-Individual knowl	O-Operations	B-Bal of Plant Ops	50-461/1998003
05-Individual knowl	E-Electrical	V-Troubleshooting	50-461/1998003
05-Individual knowl	O-Operations	O-Control Room Ops	50-461/1998004
05-Individual knowl	O-Operations	O-Control Room Ops	50-461/1998004
05-Individual knowl	O-Operations	O-Control Room Ops	50-461/1998004

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05-Individual knowl	O-Operations	O-Control Room Ops	50-461/1998004
05-Individual knowl	O-Operations	O-Control Room Ops	50-461/1998004
04-Task Qualificati	G-Engineering	G-Design	50-461/1998005
02-Training LTA	T-Training	G-Design	50-461/1998005
05-Individual knowl	G-Engineering	G-Design	50-461/1998005
05-Individual knowl	O-Operations	C-Calibration	50-461/1998011
05-Individual knowl	G-Engineering	G-Design	50-461/1998011
05-Individual knowl	O-Operations	O-Control Room Ops	50-461/1998014

Training ER

Number of items: 10

Percent of total: 3.04

05-Individual knowl	O-Operations	Z-Other	50-461/1998301
05-Individual knowl	O-Operations	Z-Other	50-461/1998301
05-Individual knowl	O-Operations	Z-Other	50-461/1998301
05-Individual knowl	O-Operations	Z-Other	50-461/1998301
06-Simulator fideli	T-Training	Z-Other	50-461/1998301
05-Individual knowl	O-Operations	Z-Other	50-461/1998301
05-Individual knowl	O-Operations	Z-Other	50-461/1998301
05-Individual knowl	O-Operations	Z-Other	50-461/1998301
02-Training LTA	T-Training	Z-Other	50-461/1998301
06-Simulator fideli	T-Training	Z-Other	50-461/1998301

Training LER

Number of items: 3

Percent of total: .91

02-Training LTA	E-Electrical	M-Maint / Repair	50-461/199800401
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Docket: 50-461 CLINTON

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2x National Average: 255

Details	Department	Work Type	Docket/Report
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Training LER

Number of items: 3

Percent of Total: .91

02-Training LTA	O-Operations	P-Procedure Dev	50-461/199800501
02-Training LTA	O-Operations	O-Control Room Ops	50-461/199802000

Work Factors IR

Number of items: 177

Percent of total: 53.8

87-Non-conservative	Z-Other	A-Administrative	50-461/1997024
87-Non-conservative	Z-Other	A-Administrative	50-461/1997024
83-Work practice or	U-Unknown	Z-Other	50-461/1997024
83-Work practice or	U-Unknown	Z-Other	50-461/1997024
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-461/1997025
83-Work practice or	O-Operations	O-Control Room Ops	50-461/1997025
93-Awareness or att	O-Operations	S-Surveillance	50-461/1997025
93-Awareness or att	O-Operations	O-Control Room Ops	50-461/1997025
93-Awareness or att	O-Operations	O-Control Room Ops	50-461/1997025
93-Awareness or att	O-Operations	O-Control Room Ops	50-461/1997025
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-461/1997025
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-461/1997025
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-461/1997025
93-Awareness or att	O-Operations	M-Maint / Repair	50-461/1997025
93-Awareness or att	O-Operations	T-Testing	50-461/1997025
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-461/1997025
93-Awareness or att	O-Operations	O-Control Room Ops	50-461/1997025
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-461/1997025
93-Awareness or att	O-Operations	O-Control Room Ops	50-461/1997025
93-Awareness or att	O-Operations	O-Control Room Ops	50-461/1997025
93-Awareness or att	O-Operations	O-Control Room Ops	50-461/1997025
93-Awareness or att	O-Operations	O-Control Room Ops	50-461/1997025
93-Awareness or att	O-Operations	O-Control Room Ops	50-461/1997025
83-Work practice or	A-Administrative Su	B-Bal of Plant Ops	50-461/1997025
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-461/1997025
84-Non-conserv. dec	I-Instrumentation &	T-Testing	50-461/1997025
83-Work practice or	I-Instrumentation &	T-Testing	50-461/1997025
84-Non-conserv. dec	O-Operations	H-Health Physics	50-461/1997025
93-Awareness or att	O-Operations	H-Health Physics	50-461/1997025
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-461/1997025
83-Work practice or	O-Operations	O-Control Room Ops	50-461/1998003
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-461/1998003
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-461/1998003
84-Non-conserv. dec	G-Engineering	O-Control Room Ops	50-461/1998003
82-Briefing, prep.	O-Operations	Z-Other	50-461/1998003
84-Non-conserv. dec	M-Mechanical	Z-Other	50-461/1998003

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91-Verification / p	O-Operations	O-Control Room Ops	50-461/1998003
91-Verification / p	O-Operations	O-Control Room Ops	50-461/1998003
86-Work untimely	W-Work Control / Sc	Z-Other	50-461/1998003
81-Work Package Qua	G-Engineering	G-Design	50-461/1998003
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-461/1998003
86-Work untimely	P-Procedure Writers	P-Procedure Dev	50-461/1998003
91-Verification / p	O-Operations	P-Procedure Dev	50-461/1998003
84-Non-conserv. dec	O-Operations	P-Procedure Dev	50-461/1998003
84-Non-conserv. dec	P-Procedure Writers	P-Procedure Dev	50-461/1998003

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Docket: 50-461 CLINTON

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Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 177			
Percent of Total: 53.8			
83-Work practice or	E-Electrical	V-Troubleshooting	50-461/1998003
81-Work Package Qua	W-Work Control / Sc	V-Troubleshooting	50-461/1998003
83-Work practice or	E-Electrical	V-Troubleshooting	50-461/1998003
83-Work practice or	G-Engineering	G-Design	50-461/1998003
81-Work Package Qua	G-Engineering	F-Modification	50-461/1998003
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-461/1998004
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-461/1998004
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-461/1998004
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-461/1998004
83-Work practice or	O-Operations	A-Administrative	50-461/1998004
83-Work practice or	O-Operations	A-Administrative	50-461/1998004
93-Awareness or att	O-Operations	A-Administrative	50-461/1998004
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-461/1998004
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-461/1998004
81-Work Package Qua	G-Engineering	G-Design	50-461/1998005
93-Awareness or att	G-Engineering	G-Design	50-461/1998005
93-Awareness or att	G-Engineering	G-Design	50-461/1998005
85-Team interaction	G-Engineering	G-Design	50-461/1998005
85-Team interaction	W-Work Control / Sc	G-Design	50-461/1998005
81-Work Package Qua	G-Engineering	G-Design	50-461/1998005
81-Work Package Qua	G-Engineering	G-Design	50-461/1998005
81-Work Package Qua	G-Engineering	G-Design	50-461/1998005
81-Work Package Qua	G-Engineering	G-Design	50-461/1998005
81-Work Package Qua	G-Engineering	G-Design	50-461/1998005
93-Awareness or att	G-Engineering	G-Design	50-461/1998005
83-Work practice or	G-Engineering	G-Design	50-461/1998005
83-Work practice or	G-Engineering	G-Design	50-461/1998005
81-Work Package Qua	G-Engineering	G-Design	50-461/1998005
81-Work Package Qua	G-Engineering	G-Design	50-461/1998005
81-Work Package Qua	G-Engineering	G-Design	50-461/1998005
81-Work Package Qua	G-Engineering	G-Design	50-461/1998005
81-Work Package Qua	G-Engineering	G-Design	50-461/1998005
81-Work Package Qua	G-Engineering	G-Design	50-461/1998005
81-Work Package Qua	G-Engineering	G-Design	50-461/1998005
83-Work practice or	G-Engineering	G-Design	50-461/1998005
83-Work practice or	G-Engineering	G-Design	50-461/1998005
83-Work practice or	G-Engineering	G-Design	50-461/1998005
93-Awareness or att	G-Engineering	A-Administrative	50-461/1998005
85-Team interaction	G-Engineering	G-Design	50-461/1998005
83-Work practice or	G-Engineering	G-Design	50-461/1998005
83-Work practice or	G-Engineering	G-Design	50-461/1998005
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-461/1998006
83-Work practice or	G-Engineering	G-Design	50-461/1998006
81-Work Package Qua	G-Engineering	G-Design	50-461/1998006
81-Work Package Qua	G-Engineering	G-Design	50-461/1998006
93-Awareness or att	W-Work Control / Sc	T-Testing	50-461/1998006
93-Awareness or att	O-Operations	T-Testing	50-461/1998006
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-461/1998006
83-Work practice or	G-Engineering	G-Design	50-461/1998006
93-Awareness or att	G-Engineering	G-Design	50-461/1998006
93-Awareness or att	D-Emergency Plannin	A-Administrative	50-461/1998006
93-Awareness or att	D-Emergency Plannin	A-Administrative	50-461/1998006

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Work Factors IR			
Number of items: 177			
Percent of Total: 53.8			
93-Awareness or att	D-Emergency Plannin	A-Administrative	50-461/1998006
93-Awareness or att	D-Emergency Plannin	A-Administrative	50-461/1998006
83-Work practice or	O-Operations	Q-Fire Protection	50-461/1998006
83-Work practice or	O-Operations	Q-Fire Protection	50-461/1998006
83-Work practice or	H-Health Physics	Q-Fire Protection	50-461/1998006
93-Awareness or att	O-Operations	A-Administrative	50-461/1998008
93-Awareness or att	O-Operations	A-Administrative	50-461/1998008
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-461/1998008
84-Non-conserv. dec	G-Engineering	O-Control Room Ops	50-461/1998008
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-461/1998008
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-461/1998008
93-Awareness or att	Z-Other	A-Administrative	50-461/1998008
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1998008
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1998008
91-Verification / p	E-Electrical	M-Maint / Repair	50-461/1998008
83-Work practice or	G-Engineering	V-Troubleshooting	50-461/1998008
83-Work practice or	E-Electrical	V-Troubleshooting	50-461/1998008
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-461/1998008
81-Work Package Qua	Q-QA/QC	Z-Other	50-461/1998008
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-461/1998011
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-461/1998011
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-461/1998011
91-Verification / p	O-Operations	O-Control Room Ops	50-461/1998011
91-Verification / p	O-Operations	O-Control Room Ops	50-461/1998011
91-Verification / p	O-Operations	O-Control Room Ops	50-461/1998011
91-Verification / p	O-Operations	O-Control Room Ops	50-461/1998011
84-Non-conserv. dec	G-Engineering	G-Design	50-461/1998011
81-Work Package Qua	G-Engineering	G-Design	50-461/1998011
85-Team interaction	G-Engineering	Z-Other	50-461/1998011
85-Team interaction	O-Operations	Z-Other	50-461/1998011
84-Non-conserv. dec	O-Operations	Z-Other	50-461/1998011
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-461/1998011
85-Team interaction	G-Engineering	C-Calibration	50-461/1998011
84-Non-conserv. dec	O-Operations	C-Calibration	50-461/1998011
84-Non-conserv. dec	O-Operations	S-Surveillance	50-461/1998011
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-461/1998011
94-Log-keeping or r	O-Operations	V-Troubleshooting	50-461/1998011
83-Work practice or	M-Mechanical	V-Troubleshooting	50-461/1998011
83-Work practice or	W-Work Control / Sc	V-Troubleshooting	50-461/1998011
83-Work practice or	O-Operations	V-Troubleshooting	50-461/1998011
82-Briefing, prep.	M-Mechanical	V-Troubleshooting	50-461/1998011
82-Briefing, prep.	M-Mechanical	V-Troubleshooting	50-461/1998011
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-461/1998011
93-Awareness or att	O-Operations	O-Control Room Ops	50-461/1998011
93-Awareness or att	O-Operations	O-Control Room Ops	50-461/1998011
93-Awareness or att	O-Operations	O-Control Room Ops	50-461/1998011
93-Awareness or att	G-Engineering	V-Troubleshooting	50-461/1998011
83-Work practice or	G-Engineering	T-Testing	50-461/1998011
83-Work practice or	E-Electrical	T-Testing	50-461/1998011
81-Work Package Qua	O-Operations	Z-Other	50-461/1998011

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Combined IR/ER/LER Report
Docket: 50-461 CLINTON

Total Number of Hits in Date Range: 329
From 01/01/1998 to 12/31/1998
2x National Average: 255

Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 177			
Percent of Total: 53.8			
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1998011
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1998011
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1998011
93-Awareness or att	G-Engineering	G-Design	50-461/1998011
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-461/1998014
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-461/1998014
84-Non-conserv. dec	G-Engineering	M-Maint / Repair	50-461/1998014
84-Non-conserv. dec	W-Work Control / Sc	M-Maint / Repair	50-461/1998014
86-Work untimely	O-Operations	Z-Other	50-461/1998014
86-Work untimely	O-Operations	Z-Other	50-461/1998014
86-Work untimely	O-Operations	Z-Other	50-461/1998014
86-Work untimely	O-Operations	Z-Other	50-461/1998014

Human Factors Information System Report

85-Team interaction	O-Operations	Z-Other	50-461/1998014
86-Work untimely	G-Engineering	Z-Other	50-461/1998014
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-461/1998014
93-Awareness or att	G-Engineering	P-Procedure Dev	50-461/1998014
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-461/1998014
93-Awareness or att	O-Operations	M-Maint / Repair	50-461/1998014
93-Awareness or att	O-Operations	M-Maint / Repair	50-461/1998014
93-Awareness or att	O-Operations	M-Maint / Repair	50-461/1998014
93-Awareness or att	O-Operations	M-Maint / Repair	50-461/1998014
83-Work practice or	O-Operations	M-Maint / Repair	50-461/1998014
83-Work practice or	O-Operations	M-Maint / Repair	50-461/1998014
83-Work practice or	O-Operations	M-Maint / Repair	50-461/1998014
93-Awareness or att	O-Operations	M-Maint / Repair	50-461/1998014
92-Self check LTA	O-Operations	M-Maint / Repair	50-461/1998014
84-Non-conserv. dec	G-Engineering	F-Modification	50-461/1998014
82-Briefing, prep.	G-Engineering	T-Testing	50-461/1998014
84-Non-conserv. dec	D-Emergency Plannin	D-Emergency Drill	50-461/1998014
93-Awareness or att	D-Emergency Plannin	A-Administrative	50-461/1998014
87-Non-conservative	D-Emergency Plannin	D-Emergency Drill	50-461/1998014
87-Non-conservative	D-Emergency Plannin	D-Emergency Drill	50-461/1998014
87-Non-conservative	D-Emergency Plannin	D-Emergency Drill	50-461/1998014

Work Factors ER

Number of items: 6

Percent of total: 1.82

81-Work Package Qua	T-Training	Z-Other	50-461/1998301
81-Work Package Qua	T-Training	Z-Other	50-461/1998301
93-Awareness or att	T-Training	Z-Other	50-461/1998301
81-Work Package Qua	T-Training	Z-Other	50-461/1998301
81-Work Package Qua	T-Training	Z-Other	50-461/1998301
92-Self check LTA	T-Training	A-Administrative	50-461/1998301

Work Factors LER

Number of items: 6

Percent of total: 1.82

84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-461/199800200
83-Work practice or	U-Unknown	M-Maint / Repair	50-461/199801100
83-Work practice or	U-Unknown	S-Surveillance	50-461/199801100

Page: 8 Date:01/13/1999

Combined IR/ER/LER Report

Docket: 50-461 CLINTON

Total Number of Hits in Date Range: 329

From 01/01/1998 to 12/31/1998

2x National Average: 255

Details	Department	Work Type	Docket/Report
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Work Factors LER

Number of items: 6

Percent of Total: 1.82

92-Self check LTA	W-Work Control / Sc	A-Administrative	50-461/199802200
92-Self check LTA	W-Work Control / Sc	A-Administrative	50-461/199802401
93-Awareness or att	W-Work Control / Sc	A-Administrative	50-461/199802700

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[End of File for Plant Docket 461 (1998)]