

# 1997 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: 358  
From 01/01/1997 to 12/31/1997  
2x National Average: 213

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 23			
Percent of total: 6.42			
54-No communication	G-Engineering	F-Modification	50-461/1997003
	G-Engineering		
54-No communication	O-Operations	A-Administrative	50-461/1997003
	O-Operations		
53-Communication	LT M-Mechanical	T-Testing	50-461/1997006
	M-Mechanical		
53-Communication	LT G-Engineering	G-Design	50-461/1997006
	G-Engineering		
54-No communication	E-Electrical	M-Maint / Repair	50-461/1997011
	E-Electrical		
53-Communication	LT B-Plant Management	Z-Other	50-461/1997014
	B-Plant Management		
53-Communication	LT B-Plant Management	Z-Other	50-461/1997014
	B-Plant Management		
53-Communication	LT W-Work Control / Sc	M-Maint / Repair	50-461/1997014
	W-Work Control / Sc		
53-Communication	LT O-Operations	Z-Other	50-461/1997014
	O-Operations		
53-Communication	LT I-Instrumentation &	H-Health Physics	50-461/1997014
	I-Instrumentation &		
53-Communication	LT O-Operations	O-Control Room Ops	50-461/1997015
	O-Operations		
53-Communication	LT O-Operations	O-Control Room Ops	50-461/1997019
	O-Operations		
53-Communication	LT O-Operations	Z-Other	50-461/1997019
	O-Operations		
53-Communication	LT O-Operations	A-Administrative	50-461/1997019
	O-Operations		
53-Communication	LT O-Operations	M-Maint / Repair	50-461/1997022
	O-Operations		
54-No communication	E-Electrical	M-Maint / Repair	50-461/1997022
	E-Electrical		
53-Communication	LT E-Electrical	Z-Other	50-461/1997022
	E-Electrical		
53-Communication	LT G-Engineering	Z-Other	50-461/1997022
	G-Engineering		
53-Communication	LT O-Operations	D-Emergency Drill	50-461/1997022
	O-Operations		
53-Communication	LT O-Operations	D-Emergency Drill	50-461/1997022
	O-Operations		
53-Communication	LT O-Operations	D-Emergency Drill	50-461/1997022
	O-Operations		
54-No communication	O-Operations	D-Emergency Drill	50-461/1997022
	O-Operations		
54-No communication	D-Emergency Plannin	D-Emergency Drill	50-461/1997022
	D-Emergency Plannin		

Communications ER  
Number of items: 0  
Percent of total: 0

Communications LER  
Number of items: 5  
Percent of total: 1.4

53-Communication	LT O-Operations	M-Maint / Repair	50-461/199700300
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Details	Department	Work Type	Docket/Report
Communications LER			
Number of items: 5			
Percent of Total: 1.4			
53-Communication LT	I-Instrumentation &	M-Maint / Repair	50-461/199701300
53-Communication LT	I-Instrumentation &	T-Testing	50-461/199701300
53-Communication LT	E-Electrical	M-Maint / Repair	50-461/199702300
53-Communication LT	M-Mechanical	M-Maint / Repair	50-461/199702300

## Human-System Interface and Environm IR

Number of items: 4			
Percent of total: 1.12			
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-461/1997011
61-Labels LTA	O-Operations	F-Modification	50-461/1997011
75-Work area LTA	I-Instrumentation &	T-Testing	50-461/1997011
61-Labels LTA	O-Operations	M-Maint / Repair	50-461/1997014

## Human-System Interface and Environm ER

Number of items: 0  
Percent of total: 0

## Human-System Interface and Environm LER

Number of items: 2			
Percent of total: .56			
62-Information orga	I-Instrumentation &	M-Maint / Repair	50-461/199701300
62-Information orga	I-Instrumentation &	T-Testing	50-461/199701300

## Management and Supervision IR

Number of items: 79			
Percent of total: 22.07			
40-Individual Corre	G-Engineering	U-Unknown	50-461/1996009
40-Individual Corre	G-Engineering	U-Unknown	50-461/1996009
41-Action not begun	G-Engineering	M-Maint / Repair	50-461/1997003
40-Individual Corre	G-Engineering	M-Maint / Repair	50-461/1997003
42-No action planne	G-Engineering	M-Maint / Repair	50-461/1997003
40-Individual Corre	G-Engineering	M-Maint / Repair	50-461/1997003
47-Root Cause LTA	G-Engineering	T-Testing	50-461/1997003
48-Audits or proble	E-Electrical	A-Administrative	50-461/1997003
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-461/1997003
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-461/1997003
40-Individual Corre	G-Engineering	M-Maint / Repair	50-461/1997003
48-Audits or proble	G-Engineering	M-Maint / Repair	50-461/1997003
43-Operating Experi	G-Engineering	M-Maint / Repair	50-461/1997003
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-461/1997003
41-Action not begun	G-Engineering	M-Maint / Repair	50-461/1997003
36-Scheduling and p	W-Work Control / Sc	T-Testing	50-461/1997003
43-Operating Experi	G-Engineering	G-Design	50-461/1997003
47-Root Cause LTA	G-Engineering	G-Design	50-461/1997003
40-Individual Corre	G-Engineering	G-Design	50-461/1997003
47-Root Cause LTA	G-Engineering	G-Design	50-461/1997003
47-Root Cause LTA	G-Engineering	G-Design	50-461/1997003
41-Action not begun	G-Engineering	G-Design	50-461/1997003
44-Corrective Actio	G-Engineering	G-Design	50-461/1997003
33-Management expec	G-Engineering	G-Design	50-461/1997003

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## Combined IR/ER/LER Report

Docket: 50-461 CLINTON

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 79			
Percent of Total: 22.07			
32-Supervision / co	G-Engineering	G-Design	50-461/1997003
48-Audits or proble	G-Engineering	G-Design	50-461/1997003
36-Scheduling and p	W-Work Control / Sc	S-Surveillance	50-461/1997003
36-Scheduling and p	W-Work Control / Sc	S-Surveillance	50-461/1997003
37-Unqualified work	M-Mechanical	M-Maint / Repair	50-461/1997006
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-461/1997006
33-Management expec	O-Operations	O-Control Room Ops	50-461/1997007
48-Audits or proble	B-Plant Management	Z-Other	50-461/1997007
48-Audits or proble	Q-QA/QC	O-Control Room Ops	50-461/1997011
41-Action not begun	G-Engineering	M-Maint / Repair	50-461/1997011
41-Action not begun	G-Engineering	M-Maint / Repair	50-461/1997011
41-Action not begun	G-Engineering	M-Maint / Repair	50-461/1997011

## Human Factors Information System Report

48-Audits or proble	G-Engineering	Z-Other	50-461/1997011
47-Root Cause LTA	O-Operations	Z-Other	50-461/1997011
47-Root Cause LTA	O-Operations	Z-Other	50-461/1997011
41-Action not begun	O-Operations	B-Bal of Plant Ops	50-461/1997014
32-Supervision / co	O-Operations	O-Control Room Ops	50-461/1997014
32-Supervision / co	H-Health Physics	H-Health Physics	50-461/1997014
32-Supervision / co	O-Operations	O-Control Room Ops	50-461/1997014
33-Management expec	O-Operations	A-Administrative	50-461/1997014
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-461/1997014
40-Individual Corre	E-Electrical	V-Troubleshooting	50-461/1997015
40-Individual Corre	G-Engineering	V-Troubleshooting	50-461/1997015
36-Scheduling and p	G-Engineering	V-Troubleshooting	50-461/1997018
47-Root Cause LTA	G-Engineering	Z-Other	50-461/1997018
32-Supervision / co	O-Operations	O-Control Room Ops	50-461/1997019
41-Action not begun	O-Operations	Z-Other	50-461/1997019
41-Action not begun	O-Operations	Z-Other	50-461/1997019
41-Action not begun	O-Operations	Z-Other	50-461/1997019
44-Corrective Actio	O-Operations	Z-Other	50-461/1997019
48-Audits or proble	Q-QA/QC	Z-Other	50-461/1997019
48-Audits or proble	Q-QA/QC	Z-Other	50-461/1997019
44-Corrective Actio	O-Operations	A-Administrative	50-461/1997019
33-Management expec	O-Operations	Z-Other	50-461/1997019
41-Action not begun	O-Operations	Z-Other	50-461/1997019
41-Action not begun	O-Operations	Z-Other	50-461/1997019
47-Root Cause LTA	O-Operations	Z-Other	50-461/1997019
44-Corrective Actio	O-Operations	Z-Other	50-461/1997019
47-Root Cause LTA	H-Health Physics	Z-Other	50-461/1997019
48-Audits or proble	Q-QA/QC	Z-Other	50-461/1997019
44-Corrective Actio	O-Operations	Z-Other	50-461/1997019
47-Root Cause LTA	E-Electrical	M-Maint / Repair	50-461/1997020
37-Unqualified work	E-Electrical	M-Maint / Repair	50-461/1997020
47-Root Cause LTA	Q-QA/QC	Z-Other	50-461/1997020
44-Corrective Actio	O-Operations	Z-Other	50-461/1997022
48-Audits or proble	O-Operations	Z-Other	50-461/1997022
40-Individual Corre	O-Operations	Z-Other	50-461/1997022
33-Management expec	G-Engineering	G-Design	50-461/1997022
41-Action not begun	G-Engineering	G-Design	50-461/1997022
32-Supervision / co	W-Work Control / Sc	Z-Other	50-461/1997022

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 79			
Percent of Total: 22.07			
32-Supervision / co	O-Operations	D-Emergency Drill	50-461/1997022
36-Scheduling and p	D-Emergency Plannin	D-Emergency Drill	50-461/1997022
48-Audits or proble	D-Emergency Plannin	D-Emergency Drill	50-461/1997022
48-Audits or proble	D-Emergency Plannin	D-Emergency Drill	50-461/1997022
48-Audits or proble	D-Emergency Plannin	D-Emergency Drill	50-461/1997022
Management and Supervision ER			
Number of items: 1			
Percent of total: .28			
44-Corrective Actio	T-Training	Z-Other	50-461/1997023
Management and Supervision LER			
Number of items: 0			
Percent of total: 0			
Organizational Issues IR			
Number of items: 2			
Percent of total: .56			
21-Staffing LTA	G-Engineering	G-Design	50-461/1997022
22-Poor Task Alloca	O-Operations	D-Emergency Drill	50-461/1997022
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: 45  
 Percent of total: 12.57

12-Procedure techni	H-Health Physics	U-Unknown	50-461/1996009
12-Procedure techni	O-Operations	U-Unknown	50-461/1996009
11-No procedure / r	O-Operations	U-Unknown	50-461/1996009
12-Procedure techni	O-Operations	U-Unknown	50-461/1996009
11-No procedure / r	G-Engineering	G-Design	50-461/1997003
12-Procedure techni	G-Engineering	G-Design	50-461/1997003
11-No procedure / r	G-Engineering	G-Design	50-461/1997003
14-Document develop	G-Engineering	A-Administrative	50-461/1997003
12-Procedure techni	G-Engineering	G-Design	50-461/1997003
12-Procedure techni	G-Engineering	G-Design	50-461/1997003
12-Procedure techni	G-Engineering	G-Design	50-461/1997003
12-Procedure techni	G-Engineering	G-Design	50-461/1997003
11-No procedure / r	G-Engineering	G-Design	50-461/1997003
12-Procedure techni	G-Engineering	G-Design	50-461/1997006
14-Document develop	G-Engineering	F-Modification	50-461/1997006
12-Procedure techni	G-Engineering	G-Design	50-461/1997006
12-Procedure techni	G-Engineering	G-Design	50-461/1997006
12-Procedure techni	G-Engineering	G-Design	50-461/1997006

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Details	Department	Work Type	Docket/Report
Procedures and Reference Document IR			
Number of items: 45			
Percent of Total: 12.57			
12-Procedure techni	G-Engineering	G-Design	50-461/1997007
12-Procedure techni	G-Engineering	G-Design	50-461/1997011
13-Procedure has hu	G-Engineering	G-Design	50-461/1997011
12-Procedure techni	G-Engineering	G-Design	50-461/1997011
12-Procedure techni	G-Engineering	G-Design	50-461/1997011
12-Procedure techni	G-Engineering	G-Design	50-461/1997011
13-Procedure has hu	G-Engineering	G-Design	50-461/1997014
12-Procedure techni	G-Engineering	G-Design	50-461/1997015
12-Procedure techni	G-Engineering	G-Design	50-461/1997015
11-No procedure / r	G-Engineering	G-Design	50-461/1997015
12-Procedure techni	G-Engineering	G-Design	50-461/1997018
12-Procedure techni	G-Engineering	V-Troubleshooting	50-461/1997018
12-Procedure techni	G-Engineering	G-Design	50-461/1997018
12-Procedure techni	G-Engineering	G-Design	50-461/1997019
12-Procedure techni	G-Engineering	G-Design	50-461/1997019
12-Procedure techni	G-Engineering	G-Design	50-461/1997019
12-Procedure techni	G-Engineering	G-Design	50-461/1997019
12-Procedure techni	G-Engineering	G-Design	50-461/1997019
12-Procedure techni	G-Engineering	G-Design	50-461/1997020
11-No procedure / r	G-Engineering	G-Design	50-461/1997022
12-Procedure techni	G-Engineering	G-Design	50-461/1997022
12-Procedure techni	G-Engineering	G-Design	50-461/1997022
12-Procedure techni	G-Engineering	G-Design	50-461/1997022
11-No procedure / r	G-Engineering	G-Design	50-461/1997022
13-Procedure has hu	G-Engineering	G-Design	50-461/1997022
12-Procedure techni	G-Engineering	G-Design	50-461/1997022
12-Procedure techni	G-Engineering	G-Design	50-461/1997022

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

Procedures and Reference Document LER  
 Number of items: 10  
 Percent of total: 2.79

13-Procedure has hu	M-Mechanical	A-Administrative	50-461/199700400
13-Procedure has hu	M-Mechanical	T-Testing	50-461/199700400
13-Procedure has hu	P-Procedure Writers	A-Administrative	50-461/199700400
13-Procedure has hu	P-Procedure Writers	T-Testing	50-461/199700400
13-Procedure has hu	E-Electrical	M-Maint / Repair	50-461/199701800
12-Procedure techni	M-Mechanical	S-Surveillance	50-461/199702101
13-Procedure has hu	E-Electrical	M-Maint / Repair	50-461/199702300
13-Procedure has hu	M-Mechanical	M-Maint / Repair	50-461/199702300
13-Procedure has hu	O-Operations	O-Control Room Ops	50-461/199703000
11-No procedure / r	O-Operations	O-Control Room Ops	50-461/199703300

Training IR  
 Number of items: 17

Percent of total: 4.75

02-Training LTA T-Training M-Maint / Repair 50-461/1997003

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Details	Department	Work Type	Docket/Report
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## Training IR

Number of items: 17

Percent of Total: 4.75

01-No Training	T-Training	M-Maint / Repair	50-461/1997003
02-Training LTA	T-Training	M-Maint / Repair	50-461/1997006
05-Individual knowl	O-Operations	O-Control Room Ops	50-461/1997007
05-Individual knowl	O-Operations	O-Control Room Ops	50-461/1997007
02-Training LTA	T-Training	O-Control Room Ops	50-461/1997007
05-Individual knowl	O-Operations	B-Bal of Plant Ops	50-461/1997014
05-Individual knowl	O-Operations	O-Control Room Ops	50-461/1997014
05-Individual knowl	M-Mechanical	M-Maint / Repair	50-461/1997015
02-Training LTA	T-Training	M-Maint / Repair	50-461/1997019
02-Training LTA	T-Training	M-Maint / Repair	50-461/1997020
02-Training LTA	T-Training	M-Maint / Repair	50-461/1997020
05-Individual knowl	O-Operations	Z-Other	50-461/1997022
05-Individual knowl	G-Engineering	Z-Other	50-461/1997022
05-Individual knowl	B-Plant Management	Z-Other	50-461/1997022
01-No Training	T-Training	T-Testing	50-461/1997022
05-Individual knowl	O-Operations	D-Emergency Drill	50-461/1997022

## Training ER

Number of items: 1

Percent of total: .28

03-Training process	T-Training	Z-Other	50-461/1997023
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## Training LER

Number of items: 2

Percent of total: .56

02-Training LTA	O-Operations	O-Control Room Ops	50-461/199703300
02-Training LTA	O-Operations	O-Control Room Ops	50-461/199703300

## Work Factors IR

Number of items: 161

Percent of total: 44.97

87-Non-conservati	O-Operations	U-Unknown	50-461/1996009
87-Non-conservati	O-Operations	U-Unknown	50-461/1996009
87-Non-conservati	O-Operations	U-Unknown	50-461/1996009
87-Non-conservati	H-Health Physics	U-Unknown	50-461/1996009
87-Non-conservati	G-Engineering	U-Unknown	50-461/1996009
88-Tag outs LTA	O-Operations	U-Unknown	50-461/1996009
92-Self check LTA	E-Electrical	U-Unknown	50-461/1996009
83-Work practice or	H-Health Physics	U-Unknown	50-461/1996009
84-Non-conserv. dec	G-Engineering	U-Unknown	50-461/1996009
92-Self check LTA	O-Operations	U-Unknown	50-461/1996009
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1997003
83-Work practice or	E-Electrical	T-Testing	50-461/1997003
83-Work practice or	E-Electrical	T-Testing	50-461/1997003
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1997003
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1997003
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1997003
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1997003
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1997003
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1997003

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Details	Department	Work Type	Docket/Report
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## Work Factors IR

Number of items: 161

Percent of Total: 44.97

83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1997003
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83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1997003
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1997003
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-461/1997003
81-Work Package Qua	G-Engineering	F-Modification	50-461/1997003
83-Work practice or	G-Engineering	F-Modification	50-461/1997003
91-Verification / p	G-Engineering	F-Modification	50-461/1997003
83-Work practice or	G-Engineering	F-Modification	50-461/1997003
91-Verification / p	G-Engineering	F-Modification	50-461/1997003
93-Awareness or att	G-Engineering	F-Modification	50-461/1997003
83-Work practice or	G-Engineering	F-Modification	50-461/1997003
84-Non-conserv. dec	U-Unknown	F-Modification	50-461/1997003
81-Work Package Qua	G-Engineering	T-Testing	50-461/1997003
81-Work Package Qua	G-Engineering	F-Modification	50-461/1997003
83-Work practice or	I-Instrumentation &	S-Surveillance	50-461/1997003
93-Awareness or att	I-Instrumentation &	S-Surveillance	50-461/1997003
83-Work practice or	W-Work Control / Sc	F-Modification	50-461/1997003
83-Work practice or	W-Work Control / Sc	F-Modification	50-461/1997003
86-Work untimely	W-Work Control / Sc	T-Testing	50-461/1997003
86-Work untimely	W-Work Control / Sc	T-Testing	50-461/1997003
83-Work practice or	W-Work Control / Sc	T-Testing	50-461/1997003
81-Work Package Qua	G-Engineering	G-Design	50-461/1997003
81-Work Package Qua	G-Engineering	G-Design	50-461/1997003
83-Work practice or	U-Unknown	M-Maint / Repair	50-461/1997003
81-Work Package Qua	G-Engineering	G-Design	50-461/1997003
92-Self check LTA	M-Mechanical	F-Modification	50-461/1997006
91-Verification / p	M-Mechanical	F-Modification	50-461/1997006
92-Self check LTA	M-Mechanical	F-Modification	50-461/1997006
93-Awareness or att	M-Mechanical	F-Modification	50-461/1997006
83-Work practice or	M-Mechanical	F-Modification	50-461/1997006
93-Awareness or att	M-Mechanical	F-Modification	50-461/1997006
86-Work untimely	G-Engineering	F-Modification	50-461/1997006
84-Non-conserv. dec	O-Operations	F-Modification	50-461/1997006
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-461/1997006
83-Work practice or	M-Mechanical	M-Maint / Repair	50-461/1997006
81-Work Package Qua	G-Engineering	G-Design	50-461/1997006
87-Non-conservati	O-Operations	O-Control Room Ops	50-461/1997007
87-Non-conservati	O-Operations	O-Control Room Ops	50-461/1997007
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-461/1997007
93-Awareness or att	O-Operations	O-Control Room Ops	50-461/1997007
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-461/1997007
83-Work practice or	O-Operations	A-Administrative	50-461/1997007
86-Work untimely	G-Engineering	P-Procedure Dev	50-461/1997007
93-Awareness or att	O-Operations	O-Control Room Ops	50-461/1997011
93-Awareness or att	O-Operations	O-Control Room Ops	50-461/1997011
82-Briefing, prep.	O-Operations	S-Surveillance	50-461/1997011
87-Non-conservati	O-Operations	S-Surveillance	50-461/1997011
88-Tag outs LTA	O-Operations	F-Modification	50-461/1997011
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-461/1997011
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1997011

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Work Factors IR			
Number of items: 161			
Percent of Total: 44.97			
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1997011
82-Briefing, prep.	E-Electrical	M-Maint / Repair	50-461/1997011
88-Tag outs LTA	O-Operations	T-Testing	50-461/1997011
92-Self check LTA	I-Instrumentation &	T-Testing	50-461/1997011
87-Non-conservati	I-Instrumentation &	C-Calibration	50-461/1997011
83-Work practice or	E-Electrical	T-Testing	50-461/1997011
83-Work practice or	E-Electrical	T-Testing	50-461/1997011
83-Work practice or	E-Electrical	T-Testing	50-461/1997011
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-461/1997011
91-Verification / p	G-Engineering	B-Bal of Plant Ops	50-461/1997011
89-Housekeeping LTA	U-Unknown	M-Maint / Repair	50-461/1997011
83-Work practice or	M-Mechanical	M-Maint / Repair	50-461/1997011
83-Work practice or	Q-QA/QC	M-Maint / Repair	50-461/1997011
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-461/1997011
81-Work Package Qua	G-Engineering	G-Design	50-461/1997011
93-Awareness or att	U-Unknown	H-Health Physics	50-461/1997011
83-Work practice or	M-Mechanical	M-Maint / Repair	50-461/1997011
83-Work practice or	O-Operations	M-Maint / Repair	50-461/1997014
83-Work practice or	O-Operations	O-Control Room Ops	50-461/1997014

## Human Factors Information System Report

84-Non-conserv. dec	B-Plant Management	Z-Other	50-461/1997014
84-Non-conserv. dec	O-Operations	S-Surveillance	50-461/1997014
84-Non-conserv. dec	I-Instrumentation &	S-Surveillance	50-461/1997014
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-461/1997014
84-Non-conserv. dec	G-Engineering	G-Design	50-461/1997014
84-Non-conserv. dec	H-Health Physics	H-Health Physics	50-461/1997014
85-Team interaction	B-Plant Management	Z-Other	50-461/1997014
85-Team interaction	O-Operations	Z-Other	50-461/1997014
85-Team interaction	G-Engineering	Z-Other	50-461/1997014
85-Team interaction	Z-Other	Z-Other	50-461/1997014
83-Work practice or	W-Work Control / Sc	M-Maint / Repair	50-461/1997014
83-Work practice or	I-Instrumentation &	V-Troubleshooting	50-461/1997014
83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-461/1997014
83-Work practice or	A-Administrative Su	A-Administrative	50-461/1997014
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1997014
83-Work practice or	A-Administrative Su	A-Administrative	50-461/1997014
82-Briefing, prep.	M-Mechanical	M-Maint / Repair	50-461/1997014
83-Work practice or	M-Mechanical	M-Maint / Repair	50-461/1997014
92-Self check LTA	I-Instrumentation &	M-Maint / Repair	50-461/1997014
91-Verification / p	I-Instrumentation &	C-Calibration	50-461/1997014
83-Work practice or	U-Unknown	F-Modification	50-461/1997014
83-Work practice or	I-Instrumentation &	H-Health Physics	50-461/1997014
83-Work practice or	Z-Other	Z-Other	50-461/1997014
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-461/1997015
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-461/1997015
93-Awareness or att	O-Operations	A-Administrative	50-461/1997015
83-Work practice or	O-Operations	O-Control Room Ops	50-461/1997015
83-Work practice or	O-Operations	O-Control Room Ops	50-461/1997015
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1997015
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-461/1997015
84-Non-conserv. dec	E-Electrical	M-Maint / Repair	50-461/1997015

Page: 8 Date:08/05/1998

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

Total Number of Hits in Date Range: 358  
From 01/01/1997 to 12/31/1997  
2x National Average: 213

Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 161			
Percent of Total: 44.97			
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1997015
83-Work practice or	G-Engineering	G-Design	50-461/1997015
83-Work practice or	G-Engineering	G-Design	50-461/1997015
91-Verification / p	Z-Other	Z-Other	50-461/1997015
93-Awareness or att	E-Electrical	V-Troubleshooting	50-461/1997018
93-Awareness or att	O-Operations	O-Control Room Ops	50-461/1997019
93-Awareness or att	O-Operations	O-Control Room Ops	50-461/1997019
93-Awareness or att	O-Operations	O-Control Room Ops	50-461/1997019
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-461/1997019
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-461/1997019
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-461/1997019
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-461/1997019
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-461/1997019
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-461/1997019
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-461/1997019
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-461/1997019
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-461/1997019
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-461/1997019
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-461/1997019
84-Non-conserv. dec	G-Engineering	A-Administrative	50-461/1997019
84-Non-conserv. dec	B-Plant Management	A-Administrative	50-461/1997019
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1997020
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-461/1997020
84-Non-conserv. dec	B-Plant Management	M-Maint / Repair	50-461/1997020
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1997020
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-461/1997022
84-Non-conserv. dec	W-Work Control / Sc	M-Maint / Repair	50-461/1997022
92-Self check LTA	O-Operations	O-Control Room Ops	50-461/1997022
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-461/1997022
83-Work practice or	G-Engineering	M-Maint / Repair	50-461/1997022
83-Work practice or	E-Electrical	M-Maint / Repair	50-461/1997022
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-461/1997022
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-461/1997022
83-Work practice or	O-Operations	D-Emergency Drill	50-461/1997022
84-Non-conserv. dec	D-Emergency Plannin	D-Emergency Drill	50-461/1997022
93-Awareness or att	O-Operations	D-Emergency Drill	50-461/1997022
93-Awareness or att	O-Operations	D-Emergency Drill	50-461/1997022
93-Awareness or att	O-Operations	D-Emergency Drill	50-461/1997022

83-Work practice or T-Training	D-Emergency Drill	50-461/1997022
93-Awareness or att D-Emergency Plannin	D-Emergency Drill	50-461/1997022
82-Briefing, prep. D-Emergency Plannin	D-Emergency Drill	50-461/1997022
83-Work practice or O-Operations	D-Emergency Drill	50-461/1997022
86-Work untimely O-Operations	D-Emergency Drill	50-461/1997022

Work Factors ER  
 Number of items: 0  
 Percent of total: 0

Work Factors LER  
 Number of items: 6  
 Percent of total: 1.68  
 87-Non-conservati O-Operations O-Control Room Ops 50-461/199700200  
 Page: 9 Date:08/05/1998

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

Total Number of Hits in Date Range: 358  
 From 01/01/1997 to 12/31/1997  
 2x National Average: 213

Details	Department	Work Type	Docket/Report
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Work Factors LER			
Number of items: 6			
Percent of Total: 1.68			
82-Briefing, prep.	O-Operations	M-Maint / Repair	50-461/199700300
87-Non-conservati	O-Operations	M-Maint / Repair	50-461/199700300
87-Non-conservati	I-Instrumentation &	M-Maint / Repair	50-461/199701300
87-Non-conservati	I-Instrumentation &	T-Testing	50-461/199701300
87-Non-conservati	M-Mechanical	M-Maint / Repair	50-461/199702900
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**[End of File for Plant Docket 461 (1997)]**

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