

# 2000 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: 191  
From 01/01/2000 to 12/31/2000  
2x National Average: 144

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 8			
Percent of total: 4.19			
54-No communication	H-Health Physics H-Health Physics	H-Health Physics	50-461/1999018
54-No communication	O-Operations O-Operations	S-Surveillance	50-461/2000001
54-No communication	M-Mechanical M-Mechanical	M-Maint / Repair	50-461/2000001
52-Communication un	O-Operations O-Operations	O-Control Room Ops	50-461/2000001
53-Communication LT	O-Operations O-Operations	B-Bal of Plant Ops	50-461/2000001
53-Communication LT	O-Operations O-Operations	Z-Other	50-461/2000001
52-Communication un	D-Emergency Plannin D-Emergency Plannin D-Emergency Plannin	D-Emergency Drill	50-461/2000003
53-Communication LT	D-Emergency Plannin D-Emergency Plannin	D-Emergency Drill	50-461/2000003
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 1			
Percent of total: .52			
53-Communication LT	O-Operations O-Operations	T-Testing	50-461/200000500
Human-System Interface and Environm IR			
Number of items: 2			
Percent of total: 1.05			
75-Work area LTA	D-Emergency Plannin	D-Emergency Drill	50-461/2000003
65-Information Cont	G-Engineering	B-Bal of Plant Ops	50-461/2000015
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: 1.05			
65-Information Cont	E-Electrical	T-Testing	50-461/200000100
74-Excessive Radiat	M-Mechanical	M-Maint / Repair	50-461/200000500
Management and Supervision IR			
Number of items: 24			
Percent of total: 12.57			
33-Management expec	G-Engineering	M-Maint / Repair	50-461/1999018

Page: 1 Date:06/03/2002

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Management and Supervision IR			
Number of items: 24			
Percent of Total: 12.57			
33-Management expect	I-Instrumentation &	M-Maint / Repair	50-461/1999018
32-Supervision / co	O-Operations	S-Surveillance	50-461/2000001
32-Supervision / co	O-Operations	S-Surveillance	50-461/2000001
32-Supervision / co	O-Operations	S-Surveillance	50-461/2000001
41-Action not begun	D-Emergency Plannin	Z-Other	50-461/2000003
40-Individual Corre	G-Engineering	Z-Other	50-461/2000004
44-Corrective Actio	G-Engineering	Z-Other	50-461/2000004
47-Root Cause LTA	G-Engineering	Z-Other	50-461/2000004
44-Corrective Actio	G-Engineering	Z-Other	50-461/2000004
48-Audits or proble	Q-QA/QC	Z-Other	50-461/2000004
48-Audits or proble	Q-QA/QC	Z-Other	50-461/2000004
48-Audits or proble	Q-QA/QC	Z-Other	50-461/2000004
48-Audits or proble	Q-QA/QC	Z-Other	50-461/2000005
36-Scheduling and p	W-Work Control / Sc	C-Calibration	50-461/2000005
40-Individual Corre	G-Engineering	Z-Other	50-461/2000005
41-Action not begun	G-Engineering	Z-Other	50-461/2000005
40-Individual Corre	O-Operations	Z-Other	50-461/2000007
48-Audits or proble	O-Operations	Z-Other	50-461/2000007
40-Individual Corre	W-Work Control / Sc	Z-Other	50-461/2000007
32-Supervision / co	W-Work Control / Sc	M-Maint / Repair	50-461/2000007
40-Individual Corre	G-Engineering	G-Design	50-461/2000007
47-Root Cause LTA	I-Instrumentation &	Z-Other	50-461/2000014
41-Action not begun	G-Engineering	P-Procedure Dev	50-461/2000019

Management and Supervision ER  
 Number of items: 0  
 Percent of total: 0

Management and Supervision LER			
Number of items: 4			
Percent of total: 2.09			
32-Supervision / co	E-Electrical	T-Testing	50-461/200000300
40-Individual Corre	M-Mechanical	M-Maint / Repair	50-461/200000500
32-Supervision / co	O-Operations	O-Control Room Ops	50-461/200000700

Organizational Issues IR			
Number of items: 2			
Percent of total: 1.05			
28-Frequent use of	Z-Other	Z-Other	50-461/2000006
22-Poor Task Alloca	W-Work Control / Sc	M-Maint / Repair	50-461/2000007

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: 17			
Percent of total: 8.9			
12-Procedure techni	G-Engineering	G-Design	50-461/1999018
Page: 2	Date:06/03/2002		

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## Procedures and Reference Document IR

Number of items: 17  
Percent of Total: 8.9

13-Procedure has hu	D-Emergency Plannin	D-Emergency Drill	50-461/2000003
14-Document develop	G-Engineering	G-Design	50-461/2000004
13-Procedure has hu	W-Work Control / Sc	M-Maint / Repair	50-461/2000004
12-Procedure techni	Z-Other	Z-Other	50-461/2000006
12-Procedure techni	O-Operations	O-Control Room Ops	50-461/2000007
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-461/2000007
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-461/2000007
12-Procedure techni	G-Engineering	G-Design	50-461/2000007
13-Procedure has hu	D-Emergency Plannin	D-Emergency Drill	50-461/2000009
13-Procedure has hu	H-Health Physics	H-Health Physics	50-461/2000010
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-461/2000015
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-461/2000015
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-461/2000015
12-Procedure techni	G-Engineering	G-Design	50-461/2000019
12-Procedure techni	G-Engineering	G-Design	50-461/2000019
12-Procedure techni	G-Engineering	G-Design	50-461/2000019

## Procedures and Reference Document ER

Number of items: 0  
Percent of total: 0

## Procedures and Reference Document LER

Number of items: 6  
Percent of total: 3.14

13-Procedure has hu	O-Operations	S-Surveillance	50-461/200000201
12-Procedure techni	E-Electrical	T-Testing	50-461/200000400
12-Procedure techni	E-Electrical	T-Testing	50-461/200000400
12-Procedure techni	W-Work Control / Sc	M-Maint / Repair	50-461/200000600
12-Procedure techni	I-Instrumentation &	S-Surveillance	50-461/200000700
12-Procedure techni	O-Operations	O-Control Room Ops	50-461/200000700

## Training IR

Number of items: 3  
Percent of total: 1.57

05-Individual knowl	O-Operations	B-Bal of Plant Ops	50-461/2000007
05-Individual knowl	G-Engineering	T-Testing	50-461/2000019
05-Individual knowl	G-Engineering	T-Testing	50-461/2000019

## Training ER

Number of items: 5  
Percent of total: 2.62

02-Training LTA	T-Training	Z-Other	50-461/2000301
02-Training LTA	T-Training	Z-Other	50-461/2000301
02-Training LTA	T-Training	Z-Other	50-461/2000301
02-Training LTA	T-Training	Z-Other	50-461/2000301
02-Training LTA	T-Training	Z-Other	50-461/2000301

## Training LER

Number of items: 4  
Percent of total: 2.09

02-Training LTA	E-Electrical	P-Procedure Dev	50-461/200000400
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Page: 3 Date:06/03/2002

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## Training LER

Number of items: 4  
Percent of Total: 2.09

02-Training LTA	W-Work Control / Sc	M-Maint / Repair	50-461/200000600
02-Training LTA	I-Instrumentation &	M-Maint / Repair	50-461/200000600
02-Training LTA	O-Operations	M-Maint / Repair	50-461/200000600

## Work Factors IR



## Human Factors Information System Report

86-Work untimely	W-Work Control / Sc	M-Maint / Repair	50-461/2000007
83-Work practice or	W-Work Control / Sc	M-Maint / Repair	50-461/2000007
85-Team interaction	O-Operations	M-Maint / Repair	50-461/2000007
85-Team interaction	W-Work Control / Sc	M-Maint / Repair	50-461/2000007
83-Work practice or	G-Engineering	F-Modification	50-461/2000007
83-Work practice or	G-Engineering	F-Modification	50-461/2000007
93-Awareness or att	G-Engineering	A-Administrative	50-461/2000007
83-Work practice or	G-Engineering	G-Design	50-461/2000007
84-Non-conserv. dec	G-Engineering	M-Maint / Repair	50-461/2000007
83-Work practice or	G-Engineering	M-Maint / Repair	50-461/2000007
84-Non-conserv. dec	G-Engineering	M-Maint / Repair	50-461/2000007
84-Non-conserv. dec	G-Engineering	M-Maint / Repair	50-461/2000007
84-Non-conserv. dec	G-Engineering	M-Maint / Repair	50-461/2000007
84-Non-conserv. dec	G-Engineering	G-Design	50-461/2000007
93-Awareness or att	Z-Other	A-Administrative	50-461/2000008
93-Awareness or att	D-Emergency Plannin	A-Administrative	50-461/2000009
86-Work untimely	H-Health Physics	P-Procedure Dev	50-461/2000010
81-Work Package Qua	G-Engineering	F-Modification	50-461/2000012
81-Work Package Qua	G-Engineering	F-Modification	50-461/2000012
81-Work Package Qua	G-Engineering	F-Modification	50-461/2000012
81-Work Package Qua	G-Engineering	F-Modification	50-461/2000012
81-Work Package Qua	G-Engineering	F-Modification	50-461/2000012
81-Work Package Qua	G-Engineering	F-Modification	50-461/2000012
93-Awareness or att	I-Instrumentation &	A-Administrative	50-461/2000014
93-Awareness or att	I-Instrumentation &	C-Calibration	50-461/2000014
84-Non-conserv. dec	G-Engineering	Z-Other	50-461/2000014
87-Non-conservative	H-Health Physics	H-Health Physics	50-461/2000018
87-Non-conservative	M-Mechanical	H-Health Physics	50-461/2000018
83-Work practice or	H-Health Physics	H-Health Physics	50-461/2000018
84-Non-conserv. dec	H-Health Physics	H-Health Physics	50-461/2000018
83-Work practice or	M-Mechanical	H-Health Physics	50-461/2000018
83-Work practice or	M-Mechanical	H-Health Physics	50-461/2000018
83-Work practice or	M-Mechanical	H-Health Physics	50-461/2000018
93-Awareness or att	G-Engineering	F-Modification	50-461/2000019
93-Awareness or att	G-Engineering	F-Modification	50-461/2000019
83-Work practice or	G-Engineering	T-Testing	50-461/2000019

## Work Factors ER

Number of items: 10

Percent of total: 5.24

93-Awareness or att	T-Training	Z-Other	50-461/2000301
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Page: 5

Date:06/03/2002

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## Work Factors ER

Number of items: 10

Percent of Total: 5.24

86-Work untimely	O-Operations	Z-Other	50-461/2000301
86-Work untimely	O-Operations	Z-Other	50-461/2000301
92-Self check LTA	O-Operations	Z-Other	50-461/2000301
92-Self check LTA	O-Operations	Z-Other	50-461/2000301
84-Non-conserv. dec	O-Operations	Z-Other	50-461/2000301
84-Non-conserv. dec	O-Operations	Z-Other	50-461/2000301
93-Awareness or att	T-Training	Z-Other	50-461/2000301
93-Awareness or att	T-Training	Z-Other	50-461/2000301
93-Awareness or att	T-Training	Z-Other	50-461/2000301

## Work Factors LER

Number of items: 11

Percent of total: 5.76

93-Awareness or att	O-Operations	S-Surveillance	50-461/200000201
84-Non-conserv. dec	G-Engineering	G-Design	50-461/200000201
82-Briefing, prep.	E-Electrical	T-Testing	50-461/200000300
92-Self check LTA	E-Electrical	T-Testing	50-461/200000300
84-Non-conserv. dec	E-Electrical	T-Testing	50-461/200000300
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-461/200000500

92-Self check LTA	W-Work Control / Sc	A-Administrative	50-461/200000500
84-Non-conserv. dec	I-Instrumentation &	M-Maint / Repair	50-461/200000600
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-461/200000700
92-Self check LTA	O-Operations	O-Control Room Ops	50-461/200000700

Page: 6                      Date:06/03/2002

**[End of File for Plant Docket 461 (2000)]**

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