

# 2000 Human Factors Information System Report for Plant Docket 454

Combined IR/ER/LER Report  
Docket: 50-454 BYRON 1

Total Number of Hits in Date Range: 119  
From 01/01/2000 to 12/31/2000  
2x National Average: 144

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 0			
Percent of total: 0			
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 3			
Percent of total: 2.52			
53-Communication LT	O-Operations	O-Control Room Ops	50-454/200000301
	O-Operations		
53-Communication LT	O-Operations	O-Control Room Ops	50-454/200000301
	O-Operations		
53-Communication LT	O-Operations	O-Control Room Ops	50-454/200000301
	O-Operations		
Human-System Interface and Environm IR			
Number of items: 1			
Percent of total: .84			
76-Postings LTA	H-Health Physics	H-Health Physics	50-454/2000010
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: 17			
Percent of total: 14.29			
41-Action not begun	O-Operations	M-Maint / Repair	50-454/1999020
33-Management expec	O-Operations	O-Control Room Ops	50-454/2000001
40-Individual Corre	O-Operations	Z-Other	50-454/2000001
47-Root Cause LTA	G-Engineering	Z-Other	50-454/2000001
40-Individual Corre	O-Operations	Z-Other	50-454/2000002
41-Action not begun	G-Engineering	Z-Other	50-454/2000003
44-Corrective Actio	G-Engineering	Z-Other	50-454/2000003
33-Management expec	Z-Other	Z-Other	50-454/2000005
33-Management expec	Z-Other	Z-Other	50-454/2000005
40-Individual Corre	E-Electrical	Z-Other	50-454/2000005
33-Management expec	O-Operations	Z-Other	50-454/2000006
32-Supervision / co	O-Operations	Z-Other	50-454/2000006
32-Supervision / co	T-Training	Z-Other	50-454/2000006
32-Supervision / co	T-Training	Z-Other	50-454/2000006
40-Individual Corre	H-Health Physics	Z-Other	50-454/2000010
40-Individual Corre	H-Health Physics	Z-Other	50-454/2000010
Management and Supervision ER			
Number of items: 0			
Percent of total: 0			
Management and Supervision LER			
Number of items: 3			

## Human Factors System Report

Percent of total: 2.52

33-Management expec O-Operations S-Surveillance 50-454/200000200  
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Management and Supervision LER			
Number of items: 3			
Percent of Total: 2.52			
44-Corrective Actio	O-Operations	S-Surveillance	50-454/200000200
32-Supervision / co	O-Operations	O-Control Room Ops	50-454/200000301

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: 15  
 Percent of total: 12.61

12-Procedure techni	G-Engineering	G-Design	50-454/1999020
13-Procedure has hu	D-Emergency Plannin	D-Emergency Drill	50-454/2000002
12-Procedure techni	O-Operations	Q-Fire Protection	50-454/2000002
12-Procedure techni	O-Operations	Q-Fire Protection	50-454/2000002
12-Procedure techni	O-Operations	Q-Fire Protection	50-454/2000002
11-No procedure / r	O-Operations	Q-Fire Protection	50-454/2000002
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-454/2000002
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-454/2000002
13-Procedure has hu	P-Procedure Writers	Q-Fire Protection	50-454/2000002
11-No procedure / r	G-Engineering	G-Design	50-454/2000003
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-454/2000009
12-Procedure techni	O-Operations	Q-Fire Protection	50-454/2000012
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-454/2000012

Procedures and Reference Document ER  
 Number of items: 4  
 Percent of total: 3.36

12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-454/2000301
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-454/2000301
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-454/2000301
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-454/2000301

Procedures and Reference Document LER  
 Number of items: 4  
 Percent of total: 3.36

13-Procedure has hu	P-Procedure Writers	O-Control Room Ops	50-454/200000301
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-454/200000301
14-Document develop	O-Operations	O-Control Room Ops	50-454/200000301
13-Procedure has hu	O-Operations	O-Control Room Ops	50-454/200000301

Training IR

Number of items: 2  
 Percent of total: 1.68

02-Training LTA	T-Training	Z-Other	50-454/2000006
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Details	Department	Work Type	Docket/Report
Training IR			
Number of items: 2			
Percent of Total: 1.68			
03-Training process	T-Training	Z-Other	50-454/2000006

Details	Department	Work Type	Docket/Report
Training ER			
Number of items: 8			
Percent of total: 6.72			
02-Training LTA	T-Training	Z-Other	50-454/2000301
02-Training LTA	T-Training	Z-Other	50-454/2000301
02-Training LTA	T-Training	Z-Other	50-454/2000301
02-Training LTA	T-Training	Z-Other	50-454/2000301
02-Training LTA	T-Training	Z-Other	50-454/2000301
02-Training LTA	T-Training	Z-Other	50-454/2000301
02-Training LTA	T-Training	Z-Other	50-454/2000301
02-Training LTA	T-Training	Z-Other	50-454/2000301

Details	Department	Work Type	Docket/Report
Training LER			
Number of items: 3			
Percent of total: 2.52			
05-Individual knowl	G-Engineering	A-Administrative	50-454/200000100
05-Individual knowl	O-Operations	O-Control Room Ops	50-454/200000301
05-Individual knowl	O-Operations	O-Control Room Ops	50-454/200000301

Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 44			
Percent of total: 36.97			
93-Awareness or att	F-Fuel Handling	R-Refueling	50-454/1999020
91-Verification / p	F-Fuel Handling	R-Refueling	50-454/1999020
91-Verification / p	F-Fuel Handling	R-Refueling	50-454/1999020
86-Work untimely	O-Operations	M-Maint / Repair	50-454/1999020
93-Awareness or att	G-Engineering	G-Design	50-454/1999020
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-454/2000001
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-454/2000001
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-454/2000001
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-454/2000001
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-454/2000001
82-Briefing, prep.	O-Operations	M-Maint / Repair	50-454/2000001
83-Work practice or	O-Operations	M-Maint / Repair	50-454/2000001
83-Work practice or	O-Operations	M-Maint / Repair	50-454/2000001
83-Work practice or	O-Operations	M-Maint / Repair	50-454/2000001
93-Awareness or att	G-Engineering	M-Maint / Repair	50-454/2000002
93-Awareness or att	G-Engineering	M-Maint / Repair	50-454/2000002
86-Work untimely	D-Emergency Plannin	D-Emergency Drill	50-454/2000002
93-Awareness or att	G-Engineering	G-Design	50-454/2000003
93-Awareness or att	G-Engineering	G-Design	50-454/2000003
93-Awareness or att	G-Engineering	G-Design	50-454/2000003
93-Awareness or att	G-Engineering	G-Design	50-454/2000003
84-Non-conserv. dec	H-Health Physics	H-Health Physics	50-454/2000004
93-Awareness or att	T-Training	Z-Other	50-454/2000006
93-Awareness or att	T-Training	Z-Other	50-454/2000006
93-Awareness or att	T-Training	Z-Other	50-454/2000006
93-Awareness or att	T-Training	Z-Other	50-454/2000006

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Work Factors IR  
 Number of items: 44

Percent of Total: 36.97

86-Work untimely	T-Training	A-Administrative	50-454/2000006
84-Non-conserv. dec	T-Training	Z-Other	50-454/2000006
83-Work practice or	T-Training	Z-Other	50-454/2000006
83-Work practice or	T-Training	Z-Other	50-454/2000006
81-Work Package Qua	G-Engineering	M-Maint / Repair	50-454/2000009
84-Non-conserv. dec	G-Engineering	G-Design	50-454/2000009
84-Non-conserv. dec	Z-Other	A-Administrative	50-454/2000012
84-Non-conserv. dec	Z-Other	A-Administrative	50-454/2000014
84-Non-conserv. dec	Z-Other	A-Administrative	50-454/2000014
87-Non-conservative	U-Unknown	H-Health Physics	50-454/2000016

Work Factors ER

Number of items: 0

Percent of total: 0

Work Factors LER

Number of items: 15

Percent of total: 12.61

92-Self check LTA	O-Operations	S-Surveillance	50-454/200000200
82-Briefing, prep.	O-Operations	S-Surveillance	50-454/200000200
91-Verification / p	O-Operations	S-Surveillance	50-454/200000200
93-Awareness or att	O-Operations	O-Control Room Ops	50-454/200000301
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-454/200000301
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-454/200000301
83-Work practice or	O-Operations	O-Control Room Ops	50-454/200000301
84-Non-conserv. dec	O-Operations	P-Procedure Dev	50-454/200000301
83-Work practice or	P-Procedure Writers	P-Procedure Dev	50-454/200000301
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-454/200000301
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-454/200000301
85-Team interaction	O-Operations	O-Control Room Ops	50-454/200000301
85-Team interaction	O-Operations	O-Control Room Ops	50-454/200000301
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-454/200000301
92-Self check LTA	O-Operations	O-Control Room Ops	50-454/200000301

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**[End of File for Plant Docket 454 (2000)]**