

# 1997 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: 138  
From 01/01/1997 to 12/31/1997  
2x National Average: 213

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 5			
Percent of total: 3.62			
53-Communication LT	O-Operations	S-Surveillance	50-454/1996012
	O-Operations		
53-Communication LT	I-Instrumentation &	S-Surveillance	50-454/1996012
	I-Instrumentation &		
53-Communication LT	O-Operations	O-Control Room Ops	50-454/1997009
	O-Operations		
53-Communication LT	O-Operations	O-Control Room Ops	50-454/1997009
	O-Operations		
53-Communication LT	O-Operations	O-Control Room Ops	50-454/1997015
	O-Operations		
Communications ER			
Number of items: 2			
Percent of total: 1.45			
54-No communication	O-Operations	O-Control Room Ops	50-454/1997016
	O-Operations		
54-No communication	O-Operations	A-Administrative	50-454/1997016
	O-Operations		
Communications LER			
Number of items: 1			
Percent of total: .72			
53-Communication LT	M-Mechanical	M-Maint / Repair	50-454/199701100
Human-System Interface and Environm IR			
Number of items: 4			
Percent of total: 2.9			
67-Function LTA (ac	O-Operations	D-Emergency Drill	50-454/1996012
76-Postings LTA	H-Health Physics	H-Health Physics	50-454/1997008
61-Labels LTA	D-Emergency Plannin	D-Emergency Drill	50-454/1997015
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-454/1997015

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

Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 23			
Percent of total: 16.67			
40-Individual Corre	G-Engineering	U-Unknown	50-454/1996009
40-Individual Corre	G-Engineering	U-Unknown	50-454/1996009
47-Root Cause LTA	G-Engineering	U-Unknown	50-454/1996009
40-Individual Corre	M-Mechanical	M-Maint / Repair	50-454/1996012
33-Management expec	O-Operations	O-Control Room Ops	50-454/1996012

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 23			
Percent of Total: 16.67			
44-Corrective Actio	O-Operations	M-Maint / Repair	50-454/1996012

32-Supervision / co	O-Operations	S-Surveillance	50-454/1996013
32-Supervision / co	O-Operations	S-Surveillance	50-454/1996013
44-Corrective Actio	O-Operations	Q-Fire Protection	50-454/1996013
48-Audits or proble	O-Operations	Q-Fire Protection	50-454/1996013
44-Corrective Actio	O-Operations	Q-Fire Protection	50-454/1996013
33-Management expec	O-Operations	B-Bal of Plant Ops	50-454/1997002
40-Individual Corre	G-Engineering	P-Procedure Dev	50-454/1997002
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-454/1997002
48-Audits or proble	G-Engineering	G-Design	50-454/1997004
40-Individual Corre	G-Engineering	G-Design	50-454/1997008
40-Individual Corre	G-Engineering	G-Design	50-454/1997009
40-Individual Corre	O-Operations	S-Surveillance	50-454/1997009
32-Supervision / co	O-Operations	O-Control Room Ops	50-454/1997009
33-Management expec	O-Operations	O-Control Room Ops	50-454/1997009
44-Corrective Actio	O-Operations	O-Control Room Ops	50-454/1997009
40-Individual Corre	W-Work Control / Sc	Z-Other	50-454/1997015
40-Individual Corre	G-Engineering	Z-Other	50-454/1997022

## Management and Supervision ER

Number of items: 0  
Percent of total: 0

## Management and Supervision LER

Number of items: 3  
Percent of total: 2.17

32-Supervision / co	G-Engineering	A-Administrative	50-454/199701800
36-Scheduling and p	G-Engineering	A-Administrative	50-454/199701800
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-454/199702100

## Organizational Issues IR

Number of items: 1  
Percent of total: .72

28-Frequent use of	O-Operations	M-Maint / Repair	50-454/1997012
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## 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: 10.87

12-Procedure techni	M-Mechanical	U-Unknown	50-454/1996009
12-Procedure techni	G-Engineering	U-Unknown	50-454/1996009
12-Procedure techni	G-Engineering	G-Design	50-454/1997001
12-Procedure techni	G-Engineering	G-Design	50-454/1997002

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## Procedures and Reference Document IR

Number of items: 15  
Percent of Total: 10.87

12-Procedure techni	G-Engineering	G-Design	50-454/1997002
12-Procedure techni	G-Engineering	G-Design	50-454/1997004
12-Procedure techni	G-Engineering	G-Design	50-454/1997009
12-Procedure techni	G-Engineering	G-Design	50-454/1997009
12-Procedure techni	G-Engineering	G-Design	50-454/1997012
12-Procedure techni	G-Engineering	G-Design	50-454/1997012
12-Procedure techni	G-Engineering	G-Design	50-454/1997012
13-Procedure has hu	O-Operations	A-Administrative	50-454/1997015
12-Procedure techni	G-Engineering	G-Design	50-454/1997015
12-Procedure techni	G-Engineering	G-Design	50-454/1997015
12-Procedure techni	G-Engineering	G-Design	50-454/1997015
13-Procedure has hu	G-Engineering	G-Design	50-454/1997020

## Procedures and Reference Document ER

Number of items: 1  
Percent of total: .72

12-Procedure techni	G-Engineering	G-Design	50-454/1997016
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## Procedures and Reference Document LER

Number of items: 16

Percent of total: 11.59

13-Procedure has hu	G-Engineering	T-Testing	50-454/199700100
13-Procedure has hu	O-Operations	A-Administrative	50-454/199700200
13-Procedure has hu	O-Operations	M-Maint / Repair	50-454/199700200
13-Procedure has hu	O-Operations	O-Control Room Ops	50-454/199700200
13-Procedure has hu	O-Operations	T-Testing	50-454/199700200
13-Procedure has hu	E-Electrical	A-Administrative	50-454/199700200
13-Procedure has hu	E-Electrical	M-Maint / Repair	50-454/199700200
13-Procedure has hu	E-Electrical	O-Control Room Ops	50-454/199700200
13-Procedure has hu	E-Electrical	T-Testing	50-454/199700200
13-Procedure has hu	G-Engineering	A-Administrative	50-454/199700300
13-Procedure has hu	G-Engineering	G-Design	50-454/199700300
13-Procedure has hu	P-Procedure Writers	A-Administrative	50-454/199700300
13-Procedure has hu	P-Procedure Writers	G-Design	50-454/199700300
11-No procedure / r	M-Mechanical	M-Maint / Repair	50-454/199701100
13-Procedure has hu	M-Mechanical	M-Maint / Repair	50-454/199702100
12-Procedure techni	E-Electrical	F-Modification	50-454/199702301

Training IR

Number of items: 2

Percent of total: 1.45

02-Training LTA	G-Engineering	G-Design	50-454/1997004
02-Training LTA	T-Training	A-Administrative	50-454/1997015

Training ER

Number of items: 0

Percent of total: 0

Training LER

Number of items: 0

Percent of total: 0

Work Factors IR

Number of items: 62

Percent of total: 44.93

84-Non-conserv. dec	G-Engineering	U-Unknown	50-454/1996009
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Work Factors IR

Number of items: 62

Percent of Total: 44.93

87-Non-conservati	M-Mechanical	U-Unknown	50-454/1996009
87-Non-conservati	M-Mechanical	U-Unknown	50-454/1996009
92-Self check LTA	O-Operations	B-Bal of Plant Ops	50-454/1996012
92-Self check LTA	O-Operations	B-Bal of Plant Ops	50-454/1996012
83-Work practice or	E-Electrical	S-Surveillance	50-454/1996012
83-Work practice or	M-Mechanical	M-Maint / Repair	50-454/1996012
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-454/1996012
83-Work practice or	U-Unknown	M-Maint / Repair	50-454/1996013
83-Work practice or	O-Operations	Q-Fire Protection	50-454/1996013
83-Work practice or	G-Engineering	A-Administrative	50-454/1997001
87-Non-conservati	O-Operations	B-Bal of Plant Ops	50-454/1997002
83-Work practice or	M-Mechanical	M-Maint / Repair	50-454/1997002
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-454/1997002
83-Work practice or	M-Mechanical	M-Maint / Repair	50-454/1997002
83-Work practice or	M-Mechanical	M-Maint / Repair	50-454/1997002
81-Work Package Qua	G-Engineering	F-Modification	50-454/1997002
81-Work Package Qua	G-Engineering	G-Design	50-454/1997004
81-Work Package Qua	G-Engineering	G-Design	50-454/1997004
81-Work Package Qua	G-Engineering	G-Design	50-454/1997004
83-Work practice or	M-Mechanical	M-Maint / Repair	50-454/1997008
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-454/1997008
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-454/1997008
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-454/1997008
84-Non-conserv. dec	E-Electrical	V-Troubleshooting	50-454/1997008
84-Non-conserv. dec	G-Engineering	S-Surveillance	50-454/1997009
81-Work Package Qua	G-Engineering	S-Surveillance	50-454/1997009
81-Work Package Qua	G-Engineering	S-Surveillance	50-454/1997009
83-Work practice or	O-Operations	O-Control Room Ops	50-454/1997009
92-Self check LTA	O-Operations	O-Control Room Ops	50-454/1997009
93-Awareness or att	O-Operations	O-Control Room Ops	50-454/1997009
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-454/1997009
83-Work practice or	O-Operations	O-Control Room Ops	50-454/1997009

84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-454/1997009
84-Non-conserv. dec	G-Engineering	G-Design	50-454/1997012
81-Work Package Qua	G-Engineering	F-Modification	50-454/1997013
81-Work Package Qua	G-Engineering	F-Modification	50-454/1997013
81-Work Package Qua	G-Engineering	F-Modification	50-454/1997013
83-Work practice or	G-Engineering	A-Administrative	50-454/1997013
83-Work practice or	G-Engineering	A-Administrative	50-454/1997013
83-Work practice or	G-Engineering	A-Administrative	50-454/1997013
83-Work practice or	G-Engineering	G-Design	50-454/1997013
83-Work practice or	G-Engineering	G-Design	50-454/1997013
91-Verification / p	G-Engineering	G-Design	50-454/1997013
83-Work practice or	G-Engineering	G-Design	50-454/1997013
84-Non-conserv. dec	I-Instrumentation &	F-Modification	50-454/1997015
81-Work Package Qua	W-Work Control / Sc	F-Modification	50-454/1997015
83-Work practice or	M-Mechanical	F-Modification	50-454/1997015
83-Work practice or	M-Mechanical	A-Administrative	50-454/1997015
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-454/1997015
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-454/1997015

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81-Work Package Qua	G-Engineering	F-Modification	50-454/1997015
81-Work Package Qua	G-Engineering	F-Modification	50-454/1997015
83-Work practice or	I-Instrumentation &	C-Calibration	50-454/1997015
93-Awareness or att	I-Instrumentation &	C-Calibration	50-454/1997015
83-Work practice or	G-Engineering	G-Design	50-454/1997015
83-Work practice or	A-Administrative Su	A-Administrative	50-454/1997020
83-Work practice or	M-Mechanical	A-Administrative	50-454/1997020
93-Awareness or att	M-Mechanical	Z-Other	50-454/1997020
83-Work practice or	U-Unknown	K-Housekeeping	50-454/1997022
83-Work practice or	Z-Other	Z-Other	50-454/1997022
83-Work practice or	Z-Other	H-Health Physics	50-454/1997022

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

Work Factors LER  
Number of items: 3  
Percent of total: 2.17

87-Non-conservati	E-Electrical	M-Maint / Repair	50-454/199701200
92-Self check LTA	E-Electrical	F-Modification	50-454/199702300
92-Self check LTA	E-Electrical	F-Modification	50-454/199702301

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**[End of File for Plant Docket 454 (1997)]**

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