

# 1999 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: 136  
From 01/01/1999 to 12/31/1999  
2x National Average: 226

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 9			
Percent of total: 6.62			
53-Communication	LT O-Operations	O-Control Room Ops	50-454/1999002
	O-Operations		
53-Communication	LT I-Instrumentation & S-Surveillance		50-454/1999002
	I-Instrumentation &		
53-Communication	LT I-Instrumentation & S-Surveillance		50-454/1999002
	I-Instrumentation &		
51-Misunderstood /	O-Operations	Z-Other	50-454/1999003
	O-Operations		
51-Misunderstood /	Z-Other	Z-Other	50-454/1999003
	Z-Other		
53-Communication	LT O-Operations	M-Maint / Repair	50-454/1999004
	O-Operations		
53-Communication	LT O-Operations	M-Maint / Repair	50-454/1999004
	O-Operations		
53-Communication	LT O-Operations	M-Maint / Repair	50-454/1999004
	O-Operations		
53-Communication	LT G-Engineering	S-Surveillance	50-454/1999004
	G-Engineering		
	G-Engineering		

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: 4  
Percent of total: 2.94

76-Postings	LTA H-Health Physics	H-Health Physics	50-454/1999002
62-Information orga	E-Electrical	S-Surveillance	50-454/1999004
76-Postings	LTA O-Operations	H-Health Physics	50-454/1999006
76-Postings	LTA H-Health Physics	H-Health Physics	50-454/1999012

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: 27  
Percent of total: 19.85

40-Individual Corre	O-Operations	Z-Other	50-454/1998025
---------------------	--------------	---------	----------------

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

Total Number of Hits in Date Range: 136  
From 01/01/1999 to 12/31/1999  
2x National Average: 226

Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 27			
Percent of Total: 19.85			
40-Individual Corre	G-Engineering	Z-Other	50-454/1998025
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-454/1999001

48-Audits or proble	E-Electrical	M-Maint / Repair	50-454/1999001
43-Operating Experi	G-Engineering	G-Design	50-454/1999001
40-Individual Corre	O-Operations	Z-Other	50-454/1999002
40-Individual Corre	E-Electrical	Z-Other	50-454/1999002
40-Individual Corre	O-Operations	Z-Other	50-454/1999003
43-Operating Experi	G-Engineering	Z-Other	50-454/1999003
32-Supervision / co	O-Operations	B-Bal of Plant Ops	50-454/1999003
32-Supervision / co	O-Operations	B-Bal of Plant Ops	50-454/1999003
32-Supervision / co	O-Operations	B-Bal of Plant Ops	50-454/1999003
40-Individual Corre	M-Mechanical	Z-Other	50-454/1999004
40-Individual Corre	E-Electrical	Z-Other	50-454/1999004
32-Supervision / co	O-Operations	H-Health Physics	50-454/1999006
36-Scheduling and p	W-Work Control / Sc	F-Modification	50-454/1999008
36-Scheduling and p	W-Work Control / Sc	F-Modification	50-454/1999008
36-Scheduling and p	W-Work Control / Sc	F-Modification	50-454/1999008
36-Scheduling and p	W-Work Control / Sc	F-Modification	50-454/1999008
36-Scheduling and p	W-Work Control / Sc	F-Modification	50-454/1999008
40-Individual Corre	Z-Other	Z-Other	50-454/1999010
40-Individual Corre	O-Operations	Z-Other	50-454/1999010
41-Action not begun	O-Operations	Z-Other	50-454/1999012
40-Individual Corre	G-Engineering	Z-Other	50-454/1999012
41-Action not begun	G-Engineering	Z-Other	50-454/1999012
32-Supervision / co	G-Engineering	Z-Other	50-454/1999012
33-Management expec	G-Engineering	F-Modification	50-454/1999012

## Management and Supervision ER

Number of items: 0

Percent of total: 0

## Management and Supervision LER

Number of items: 1

Percent of total: .74

40-Individual Corre G-Engineering G-Design 50-454/199900200

## 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: 17

Percent of total: 12.5

14-Document develop P-Procedure Writers F-Modification 50-454/1998025

Page: 2 Date:03/17/2000

## Combined IR/ER/LER Report

Docket: 50-454 BYRON 1

Total Number of Hits in Date Range: 136

From 01/01/1999 to 12/31/1999

2x National Average: 226

Details	Department	Work Type	Docket/Report
---------	------------	-----------	---------------

## Procedures and Reference Document IR

Number of items: 17

Percent of Total: 12.5

13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-454/1998025
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-454/1998025
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-454/1998025
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-454/1998025
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-454/1998025
12-Procedure techni	G-Engineering	G-Design	50-454/1998025
12-Procedure techni	G-Engineering	G-Design	50-454/1998025
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-454/1999002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-454/1999003
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-454/1999003
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-454/1999004
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-454/1999004
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-454/1999004
12-Procedure techni	G-Engineering	G-Design	50-454/1999010
13-Procedure has hu	G-Engineering	G-Design	50-454/1999010
12-Procedure techni	G-Engineering	G-Design	50-454/1999010

## Procedures and Reference Document ER

Number of items: 0  
Percent of total: 0

## Procedures and Reference Document LER

Number of items: 1  
Percent of total: .74

12-Procedure techni O-Operations P-Procedure Dev 50-454/199900100

## Training IR

Number of items: 7  
Percent of total: 5.15

05-Individual knowl	G-Engineering	S-Surveillance	50-454/1998025
02-Training LTA	T-Training	F-Modification	50-454/1999002
02-Training LTA	T-Training	Z-Other	50-454/1999002
05-Individual knowl	O-Operations	B-Bal of Plant Ops	50-454/1999003
05-Individual knowl	O-Operations	B-Bal of Plant Ops	50-454/1999003
02-Training LTA	T-Training	B-Bal of Plant Ops	50-454/1999003
05-Individual knowl	M-Mechanical	F-Modification	50-454/1999003

## 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: 69  
Percent of total: 50.74

83-Work practice or	O-Operations	O-Control Room Ops	50-454/1998025
83-Work practice or	M-Mechanical	M-Maint / Repair	50-454/1998025

Page: 3 Date:03/17/2000

## Combined IR/ER/LER Report

Docket: 50-454 BYRON 1

Total Number of Hits in Date Range: 136  
From 01/01/1999 to 12/31/1999  
2x National Average: 226

Details	Department	Work Type	Docket/Report
---------	------------	-----------	---------------

## Work Factors IR

Number of items: 69  
Percent of Total: 50.74

91-Verification / p	O-Operations	B-Bal of Plant Ops	50-454/1998025
94-Log-keeping or r	O-Operations	A-Administrative	50-454/1998025
83-Work practice or	G-Engineering	S-Surveillance	50-454/1998025
93-Awareness or att	W-Work Control / Sc	M-Maint / Repair	50-454/1998025
83-Work practice or	E-Electrical	A-Administrative	50-454/1999001
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-454/1999001
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-454/1999001
84-Non-conserv. dec	G-Engineering	G-Design	50-454/1999001
82-Briefing, prep.	O-Operations	B-Bal of Plant Ops	50-454/1999002
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-454/1999002
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-454/1999002
91-Verification / p	E-Electrical	S-Surveillance	50-454/1999002
92-Self check LTA	E-Electrical	S-Surveillance	50-454/1999002
82-Briefing, prep.	E-Electrical	S-Surveillance	50-454/1999002
84-Non-conserv. dec	O-Operations	S-Surveillance	50-454/1999002
83-Work practice or	I-Instrumentation &	S-Surveillance	50-454/1999002
83-Work practice or	U-Unknown	H-Health Physics	50-454/1999002
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-454/1999003
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-454/1999003
83-Work practice or	G-Engineering	F-Modification	50-454/1999003
83-Work practice or	M-Mechanical	F-Modification	50-454/1999003
81-Work Package Qua	W-Work Control / Sc	F-Modification	50-454/1999003
83-Work practice or	M-Mechanical	F-Modification	50-454/1999003
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-454/1999003
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-454/1999003
93-Awareness or att	G-Engineering	S-Surveillance	50-454/1999003
93-Awareness or att	O-Operations	O-Control Room Ops	50-454/1999004
81-Work Package Qua	O-Operations	Z-Other	50-454/1999004
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-454/1999004
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-454/1999004
84-Non-conserv. dec	O-Operations	T-Testing	50-454/1999004
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-454/1999004
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-454/1999004
93-Awareness or att	W-Work Control / Sc	A-Administrative	50-454/1999004
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-454/1999004
84-Non-conserv. dec	W-Work Control / Sc	M-Maint / Repair	50-454/1999004

## Human Factors Information System Report

84-Non-conserv. dec	W-Work Control / Sc	M-Maint / Repair	50-454/1999004
84-Non-conserv. dec	W-Work Control / Sc	M-Maint / Repair	50-454/1999004
88-Tag outs LTA	M-Mechanical	M-Maint / Repair	50-454/1999004
84-Non-conserv. dec	W-Work Control / Sc	M-Maint / Repair	50-454/1999004
83-Work practice or	M-Mechanical	M-Maint / Repair	50-454/1999004
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-454/1999004
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-454/1999004
82-Briefing, prep.	E-Electrical	S-Surveillance	50-454/1999004
91-Verification / p	E-Electrical	S-Surveillance	50-454/1999004
83-Work practice or	E-Electrical	S-Surveillance	50-454/1999004
83-Work practice or	E-Electrical	S-Surveillance	50-454/1999004
83-Work practice or	M-Mechanical	M-Maint / Repair	50-454/1999004
85-Team interaction	M-Mechanical	M-Maint / Repair	50-454/1999004
93-Awareness or att	G-Engineering	A-Administrative	50-454/1999005

Page: 4 Date:03/17/2000

Combined IR/ER/LER Report  
Docket: 50-454 BYRON 1Total Number of Hits in Date Range: 136  
From 01/01/1999 to 12/31/1999  
2x National Average: 226

Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 69			
Percent of Total: 50.74			
93-Awareness or att	O-Operations	H-Health Physics	50-454/1999006
89-Housekeeping LTA	O-Operations	H-Health Physics	50-454/1999006
93-Awareness or att	I-Instrumentation &	S-Surveillance	50-454/1999008
92-Self check LTA	I-Instrumentation &	S-Surveillance	50-454/1999008
91-Verification / p	I-Instrumentation &	S-Surveillance	50-454/1999008
93-Awareness or att	Z-Other	Z-Other	50-454/1999010
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-454/1999010
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-454/1999010
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-454/1999010
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-454/1999012
83-Work practice or	O-Operations	O-Control Room Ops	50-454/1999012
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-454/1999012
91-Verification / p	O-Operations	K-Housekeeping	50-454/1999012
93-Awareness or att	G-Engineering	A-Administrative	50-454/1999012
93-Awareness or att	G-Engineering	A-Administrative	50-454/1999012
93-Awareness or att	G-Engineering	A-Administrative	50-454/1999012
93-Awareness or att	G-Engineering	Z-Other	50-454/1999012

Work Factors ER  
Number of items: 0  
Percent of total: 0Work Factors LER  
Number of items: 1  
Percent of total: .74  
92-Self check LTA I-Instrumentation & S-Surveillance 50-454/199900300  
Page: 5 Date:03/17/2000**[End of File for Plant Docket 454 (1999)]**