

# 2000 Human Factors Information System Report for Plant Docket 455

Combined IR/ER/LER Report  
Docket: 50-455 BYRON 2

Total Number of Hits in Date Range: 111  
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: 0			
Percent of total: 0			
Human-System Interface and Environm IR			
Number of items: 0			
Percent of total: 0			
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: 15			
Percent of total: 13.51			
33-Management expec	O-Operations	O-Control Room Ops	50-455/1999020
41-Action not begun	O-Operations	M-Maint / Repair	50-455/1999020
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-455/2000001
40-Individual Corre	O-Operations	Z-Other	50-455/2000002
41-Action not begun	G-Engineering	Z-Other	50-455/2000003
44-Corrective Actio	G-Engineering	Z-Other	50-455/2000003
47-Root Cause LTA	G-Engineering	Z-Other	50-455/2000003
33-Management expec	Z-Other	Z-Other	50-455/2000005
33-Management expec	Z-Other	Z-Other	50-455/2000005
40-Individual Corre	E-Electrical	Z-Other	50-455/2000005
33-Management expec	O-Operations	Z-Other	50-455/2000006
32-Supervision / co	O-Operations	Z-Other	50-455/2000006
32-Supervision / co	T-Training	Z-Other	50-455/2000006
32-Supervision / co	T-Training	Z-Other	50-455/2000006
Management and Supervision ER			
Number of items: 0			
Percent of total: 0			
Management and Supervision LER			
Number of items: 4			
Percent of total: 3.6			
41-Action not begun	E-Electrical	M-Maint / Repair	50-455/200000100
32-Supervision / co	O-Operations	O-Control Room Ops	50-455/200000200

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Details	Department	Work Type	Docket/Report
33-Management expec	O-Operations	S-Surveillance	50-454/200000200
44-Corrective Actio	O-Operations	S-Surveillance	50-454/200000200

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: 15.32

12-Procedure techni	G-Engineering	G-Design	50-455/1999020
13-Procedure has hu	D-Emergency Plannin	D-Emergency Drill	50-455/2000002
12-Procedure techni	O-Operations	Q-Fire Protection	50-455/2000002
12-Procedure techni	O-Operations	Q-Fire Protection	50-455/2000002
12-Procedure techni	O-Operations	Q-Fire Protection	50-455/2000002
11-No procedure / r	O-Operations	Q-Fire Protection	50-455/2000002
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-455/2000002
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-455/2000002
13-Procedure has hu	P-Procedure Writers	Q-Fire Protection	50-455/2000002
11-No procedure / r	G-Engineering	G-Design	50-455/2000003
13-Procedure has hu	G-Engineering	G-Design	50-455/2000003
12-Procedure techni	G-Engineering	G-Design	50-455/2000003
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-455/2000009
12-Procedure techni	O-Operations	Q-Fire Protection	50-455/2000012
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-455/2000012

Procedures and Reference Document ER  
 Number of items: 4  
 Percent of total: 3.6

12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-455/2000301
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-455/2000301
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-455/2000301
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-455/2000301

Procedures and Reference Document LER  
 Number of items: 1  
 Percent of total: .9

13-Procedure has hu	O-Operations	O-Control Room Ops	50-455/200000200
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Training IR  
 Number of items: 3  
 Percent of total: 2.7

02-Training LTA	T-Training	Z-Other	50-455/2000006
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Details	Department	Work Type	Docket/Report
03-Training process	T-Training	Z-Other	50-455/2000006

Training ER

Number of items: 8

Percent of total: 7.21

02-Training LTA	T-Training	Z-Other	50-455/2000301
02-Training LTA	T-Training	Z-Other	50-455/2000301
02-Training LTA	T-Training	Z-Other	50-455/2000301
02-Training LTA	T-Training	Z-Other	50-455/2000301
02-Training LTA	T-Training	Z-Other	50-455/2000301
02-Training LTA	T-Training	Z-Other	50-455/2000301
02-Training LTA	T-Training	Z-Other	50-455/2000301
02-Training LTA	T-Training	Z-Other	50-455/2000301

Training LER

Number of items: 2

Percent of total: 1.8

02-Training LTA	T-Training	O-Control Room Ops	50-455/200000200
05-Individual knowl	G-Engineering	A-Administrative	50-454/200000100

Work Factors IR

Number of items: 48

Percent of total: 43.24

84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-455/1999020
93-Awareness or att	F-Fuel Handling	R-Refueling	50-455/1999020
91-Verification / p	F-Fuel Handling	R-Refueling	50-455/1999020
91-Verification / p	F-Fuel Handling	R-Refueling	50-455/1999020
86-Work untimely	O-Operations	M-Maint / Repair	50-455/1999020
93-Awareness or att	G-Engineering	G-Design	50-455/1999020
81-Work Package Qua	G-Engineering	F-Modification	50-455/1999020
93-Awareness or att	G-Engineering	A-Administrative	50-455/1999020
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-455/2000001
82-Briefing, prep.	O-Operations	M-Maint / Repair	50-455/2000001
83-Work practice or	O-Operations	M-Maint / Repair	50-455/2000001
83-Work practice or	O-Operations	M-Maint / Repair	50-455/2000001
83-Work practice or	O-Operations	M-Maint / Repair	50-455/2000001
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-455/2000001
83-Work practice or	O-Operations	M-Maint / Repair	50-455/2000001
84-Non-conserv. dec	G-Engineering	M-Maint / Repair	50-455/2000002
86-Work untimely	D-Emergency Plannin	D-Emergency Drill	50-455/2000002
93-Awareness or att	G-Engineering	G-Design	50-455/2000003
93-Awareness or att	G-Engineering	G-Design	50-455/2000003
93-Awareness or att	G-Engineering	G-Design	50-455/2000003
93-Awareness or att	G-Engineering	G-Design	50-455/2000003
84-Non-conserv. dec	H-Health Physics	H-Health Physics	50-455/2000004
93-Awareness or att	T-Training	Z-Other	50-455/2000006
93-Awareness or att	T-Training	Z-Other	50-455/2000006
93-Awareness or att	T-Training	Z-Other	50-455/2000006
93-Awareness or att	T-Training	Z-Other	50-455/2000006
86-Work untimely	T-Training	A-Administrative	50-455/2000006

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Work Factors IR

Number of items: 48

Percent of Total: 43.24

84-Non-conserv. dec	T-Training	Z-Other	50-455/2000006
83-Work practice or	T-Training	Z-Other	50-455/2000006
83-Work practice or	T-Training	Z-Other	50-455/2000006
81-Work Package Qua	G-Engineering	M-Maint / Repair	50-455/2000009
84-Non-conserv. dec	G-Engineering	G-Design	50-455/2000009
84-Non-conserv. dec	Z-Other	A-Administrative	50-455/2000014
84-Non-conserv. dec	Z-Other	A-Administrative	50-455/2000014
84-Non-conserv. dec	Z-Other	A-Administrative	50-455/2000014
87-Non-conservative	U-Unknown	H-Health Physics	50-455/2000016

Work Factors ER

Number of items: 0

Percent of total: 0

Work Factors LER

Number of items: 9

Percent of total: 8.11

84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-455/200000200
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-455/200000200
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-455/200000200
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-455/200000200
86-Work untimely	O-Operations	O-Control Room Ops	50-455/200000200
93-Awareness or att	O-Operations	O-Control Room Ops	50-455/200000200
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

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**[End of File for Plant Docket 455 (2000)]**

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