

1998 Human Factors Information System Report for Plant Docket 324

Combined IR/ER/LER Report
Docket: 50-324 BRUNSWICK 2

Total Number of Hits in Date Range: 122
From 01/01/1998 to 12/31/1998
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 3			
Percent of total: 2.46			
54-No communication	O-Operations	P-Procedure Dev	50-324/1998005
	O-Operations		
53-Communication LT	C-Chemistry	B-Bal of Plant Ops	50-324/1998006
	C-Chemistry		
53-Communication LT	W-Work Control / Sc	M-Maint / Repair	50-324/1998007
	W-Work Control / Sc		

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: 10
Percent of total: 8.2

61-Labels LTA	M-Mechanical	T-Testing	50-324/1997015
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-324/1998003
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-324/1998003
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-324/1998003
76-Postings LTA	H-Health Physics	H-Health Physics	50-324/1998003
76-Postings LTA	H-Health Physics	A-Administrative	50-324/1998003
61-Labels LTA	I-Instrumentation &	S-Surveillance	50-324/1998007
76-Postings LTA	H-Health Physics	H-Health Physics	50-324/1998007
76-Postings LTA	H-Health Physics	H-Health Physics	50-324/1998007
76-Postings LTA	H-Health Physics	H-Health Physics	50-324/1998007

Human-System Interface and Environm ER
Number of items: 1
Percent of total: .82

76-Postings LTA	H-Health Physics	H-Health Physics	50-324/1998300
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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: 13.93

32-Supervision / co	G-Engineering	G-Design	50-324/1997013
32-Supervision / co	Z-Other	Q-Fire Protection	50-324/1997013
40-Individual Corre	I-Instrumentation &	Z-Other	50-324/1997015
33-Management expec	H-Health Physics	H-Health Physics	50-324/1997015
44-Corrective Actio	G-Engineering	G-Design	50-324/1998002
41-Action not begun	M-Mechanical	Z-Other	50-324/1998003
44-Corrective Actio	M-Mechanical	Z-Other	50-324/1998003

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Management and Supervision IR			
Number of items: 17			
Percent of Total: 13.93			
36-Scheduling and p	T-Training	Z-Other	50-324/1998003
48-Audits or proble	M-Mechanical	Z-Other	50-324/1998005

Human Factors Information System Report

40-Individual Corre	F-Fuel Handling	Z-Other	50-324/1998006
32-Supervision / co	O-Operations	M-Maint / Repair	50-324/1998007
41-Action not begun	G-Engineering	Z-Other	50-324/1998007
47-Root Cause LTA	G-Engineering	Z-Other	50-324/1998007
41-Action not begun	G-Engineering	Z-Other	50-324/1998007
41-Action not begun	O-Operations	Q-Fire Protection	50-324/1998007
40-Individual Corre	O-Operations	Q-Fire Protection	50-324/1998007
48-Audits or proble	Z-Other	Z-Other	50-324/1998012

Management and Supervision ER

Number of items: 1

Percent of total: .82

36-Scheduling and p	T-Training	Z-Other	50-324/1998300
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Management and Supervision LER

Number of items: 0

Percent of total: 0

Organizational Issues IR

Number of items: 2

Percent of total: 1.64

21-Staffing LTA	O-Operations	B-Bal of Plant Ops	50-324/1998006
21-Staffing LTA	G-Engineering	G-Design	50-324/1998007

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: 22

Percent of total: 18.03

11-No procedure / r	G-Engineering	G-Design	50-324/1997013
12-Procedure techni	A-Administrative Su	P-Procedure Dev	50-324/1997013
12-Procedure techni	G-Engineering	G-Design	50-324/1997013
14-Document develop	G-Engineering	G-Design	50-324/1997013
14-Document develop	G-Engineering	G-Design	50-324/1997013
14-Document develop	G-Engineering	G-Design	50-324/1997013
12-Procedure techni	G-Engineering	G-Design	50-324/1997013
12-Procedure techni	G-Engineering	G-Design	50-324/1997013
12-Procedure techni	G-Engineering	G-Design	50-324/1997013
13-Procedure has hu	G-Engineering	G-Design	50-324/1998002
12-Procedure techni	G-Engineering	G-Design	50-324/1998004
13-Procedure has hu	G-Engineering	G-Design	50-324/1998004
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-324/1998005

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Procedures and Reference Document IR

Number of items: 22

Percent of Total: 18.03

12-Procedure techni	G-Engineering	G-Design	50-324/1998005
12-Procedure techni	P-Procedure Writers	Q-Fire Protection	50-324/1998005
13-Procedure has hu	G-Engineering	G-Design	50-324/1998006
13-Procedure has hu	G-Engineering	G-Design	50-324/1998006
13-Procedure has hu	H-Health Physics	H-Health Physics	50-324/1998006
11-No procedure / r	H-Health Physics	H-Health Physics	50-324/1998006
12-Procedure techni	O-Operations	Q-Fire Protection	50-324/1998006
13-Procedure has hu	G-Engineering	G-Design	50-324/1998007
14-Document develop	G-Engineering	P-Procedure Dev	50-324/1998007

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: .82

12-Procedure techni	O-Operations	O-Control Room Ops	50-324/199800300
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Training IR

Number of items: 4
 Percent of total: 3.28
 05-Individual knowl G-Engineering G-Design 50-324/1998002
 05-Individual knowl I-Instrumentation & S-Surveillance 50-324/1998007
 05-Individual knowl I-Instrumentation & S-Surveillance 50-324/1998007
 03-Training process T-Training Q-Fire Protection 50-324/1998007

Training ER

Number of items: 3
 Percent of total: 2.46
 05-Individual knowl O-Operations Z-Other 50-324/1998300
 05-Individual knowl O-Operations Z-Other 50-324/1998300
 05-Individual knowl T-Training Z-Other 50-324/1998300

Training LER

Number of items: 0
 Percent of total: 0

Work Factors IR

Number of items: 54
 Percent of total: 44.26
 93-Awareness or att G-Engineering G-Design 50-324/1997013
 81-Work Package Qua G-Engineering G-Design 50-324/1997013
 87-Non-conservative G-Engineering A-Administrative 50-324/1997013
 83-Work practice or G-Engineering A-Administrative 50-324/1997013
 83-Work practice or G-Engineering A-Administrative 50-324/1997013
 83-Work practice or G-Engineering G-Design 50-324/1997013
 83-Work practice or H-Health Physics H-Health Physics 50-324/1997013
 83-Work practice or H-Health Physics H-Health Physics 50-324/1997013
 83-Work practice or M-Mechanical H-Health Physics 50-324/1997015
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Work Factors IR			
Number of items: 54			
Percent of Total: 44.26			
83-Work practice or	G-Engineering	T-Testing	50-324/1997015
83-Work practice or	G-Engineering	T-Testing	50-324/1997015
83-Work practice or	G-Engineering	T-Testing	50-324/1997015
81-Work Package Qua	G-Engineering	Z-Other	50-324/1997015
86-Work untimely	G-Engineering	P-Procedure Dev	50-324/1997015
83-Work practice or	G-Engineering	A-Administrative	50-324/1997015
81-Work Package Qua	G-Engineering	G-Design	50-324/1998002
81-Work Package Qua	G-Engineering	G-Design	50-324/1998002
81-Work Package Qua	G-Engineering	G-Design	50-324/1998002
81-Work Package Qua	G-Engineering	G-Design	50-324/1998002
91-Verification / p	O-Operations	K-Housekeeping	50-324/1998002
93-Awareness or att	G-Engineering	G-Design	50-324/1998002
81-Work Package Qua	G-Engineering	G-Design	50-324/1998003
89-Housekeeping LTA	H-Health Physics	H-Health Physics	50-324/1998003
83-Work practice or	U-Unknown	H-Health Physics	50-324/1998003
81-Work Package Qua	G-Engineering	G-Design	50-324/1998004
83-Work practice or	G-Engineering	A-Administrative	50-324/1998004
83-Work practice or	G-Engineering	A-Administrative	50-324/1998004
83-Work practice or	G-Engineering	G-Design	50-324/1998004
81-Work Package Qua	G-Engineering	G-Design	50-324/1998004
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-324/1998005
93-Awareness or att	G-Engineering	G-Design	50-324/1998005
92-Self check LTA	I-Instrumentation &	S-Surveillance	50-324/1998005
91-Verification / p	I-Instrumentation &	S-Surveillance	50-324/1998005
93-Awareness or att	P-Procedure Writers	P-Procedure Dev	50-324/1998005
83-Work practice or	M-Mechanical	A-Administrative	50-324/1998005
83-Work practice or	O-Operations	T-Testing	50-324/1998005
83-Work practice or	O-Operations	A-Administrative	50-324/1998005
84-Non-conserv. dec	M-Mechanical	F-Modification	50-324/1998005
81-Work Package Qua	G-Engineering	G-Design	50-324/1998005
81-Work Package Qua	G-Engineering	F-Modification	50-324/1998005
93-Awareness or att	Z-Other	Z-Other	50-324/1998005
87-Non-conservative	O-Operations	B-Bal of Plant Ops	50-324/1998006
81-Work Package Qua	G-Engineering	G-Design	50-324/1998006
84-Non-conserv. dec	O-Operations	S-Surveillance	50-324/1998006
83-Work practice or	H-Health Physics	H-Health Physics	50-324/1998006
83-Work practice or	H-Health Physics	H-Health Physics	50-324/1998006
83-Work practice or	H-Health Physics	H-Health Physics	50-324/1998006

93-Awareness or att	A-Administrative Su	A-Administrative	50-324/1998006
93-Awareness or att	Z-Other	Z-Other	50-324/1998006
84-Non-conserv. dec	I-Instrumentation &	S-Surveillance	50-324/1998007
84-Non-conserv. dec	W-Work Control / Sc	M-Maint / Repair	50-324/1998007
83-Work practice or	U-Unknown	H-Health Physics	50-324/1998007
93-Awareness or att	Z-Other	A-Administrative	50-324/1998012
93-Awareness or att	Z-Other	A-Administrative	50-324/1998012

Work Factors ER

Number of items: 4

Percent of total: 3.28

81-Work Package Qua	T-Training	Z-Other	50-324/1998300
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Number of items: 4

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81-Work Package Qua	T-Training	Z-Other	50-324/1998300
83-Work practice or	T-Training	Z-Other	50-324/1998300
93-Awareness or att	O-Operations	Z-Other	50-324/1998300

Work Factors LER

Number of items: 0

Percent of total: 0

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[End of File for Plant Docket 324 (1998)]
