

1998 Human Factors Information System Report for Plant Docket 331

Combined IR/ER/LER Report
Docket: 50-331 DUANE ARNOLD

Total Number of Hits in Date Range: 168
From 01/01/1998 to 12/31/1998
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 5			
Percent of total: 2.98			
54-No communication	G-Engineering	F-Modification	50-331/1998003
	G-Engineering		
53-Communication LT	O-Operations	S-Surveillance	50-331/1998004
	O-Operations		
53-Communication LT	M-Mechanical	M-Maint / Repair	50-331/1998004
	M-Mechanical		
54-No communication	M-Mechanical	M-Maint / Repair	50-331/1998008
	M-Mechanical		
54-No communication	G-Engineering	A-Administrative	50-331/1998008
	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: 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: 1			
Percent of total: .6			
61-Labels LTA	O-Operations	M-Maint / Repair	50-331/199800300
Management and Supervision IR			
Number of items: 9			
Percent of total: 5.36			
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-331/1997002
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-331/1997017
40-Individual Corre	O-Operations	Z-Other	50-331/1998002
40-Individual Corre	G-Engineering	Z-Other	50-331/1998002
42-No action planne	M-Mechanical	Z-Other	50-331/1998002
36-Scheduling and p	O-Operations	M-Maint / Repair	50-331/1998004
32-Supervision / co	O-Operations	S-Surveillance	50-331/1998004
43-Operating Experi	G-Engineering	Z-Other	50-331/1998012
32-Supervision / co	G-Engineering	F-Modification	50-331/1998012
Management and Supervision ER			
Number of items: 0			
Percent of total: 0			
Management and Supervision LER			
Number of items: 1			
Percent of total: .6			
41-Action not begun	M-Mechanical	M-Maint / Repair	50-331/199800400
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: 1			
Percent of total: .6			

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Details	Department	Work Type	Docket/Report
Organizational Issues LER			
Number of items: 1			
Percent of Total: .6			
21-Staffing LTA	O-Operations	O-Control Room Ops	50-331/199800100
Procedures and Reference Document IR			
Number of items: 32			
Percent of total: 19.05			
12-Procedure techni	G-Engineering	G-Design	50-331/1997002
12-Procedure techni	G-Engineering	G-Design	50-331/1997002
12-Procedure techni	G-Engineering	G-Design	50-331/1997002
12-Procedure techni	G-Engineering	G-Design	50-331/1997002
12-Procedure techni	G-Engineering	G-Design	50-331/1997002
12-Procedure techni	G-Engineering	G-Design	50-331/1997002
12-Procedure techni	G-Engineering	G-Design	50-331/1997002
12-Procedure techni	G-Engineering	G-Design	50-331/1997017
12-Procedure techni	G-Engineering	G-Design	50-331/1997017
12-Procedure techni	G-Engineering	G-Design	50-331/1997017
12-Procedure techni	G-Engineering	G-Design	50-331/1997017
12-Procedure techni	G-Engineering	G-Design	50-331/1997017
12-Procedure techni	G-Engineering	G-Design	50-331/1997017
12-Procedure techni	G-Engineering	G-Design	50-331/1997017
12-Procedure techni	G-Engineering	G-Design	50-331/1997017
12-Procedure techni	G-Engineering	G-Design	50-331/1998002
12-Procedure techni	G-Engineering	G-Design	50-331/1998002
12-Procedure techni	G-Engineering	G-Design	50-331/1998002
13-Procedure has hu	G-Engineering	G-Design	50-331/1998003
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-331/1998004
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-331/1998004
12-Procedure techni	G-Engineering	G-Design	50-331/1998006
12-Procedure techni	G-Engineering	G-Design	50-331/1998006
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-331/1998008
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-331/1998008
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-331/1998008
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-331/1998010
14-Document develop	P-Procedure Writers	F-Modification	50-331/1998012
14-Document develop	G-Engineering	F-Modification	50-331/1998012
12-Procedure techni	G-Engineering	G-Design	50-331/1998012
12-Procedure techni	G-Engineering	G-Design	50-331/1998012
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-331/1998301
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-331/1998301

Procedures and Reference Document ER
Number of items: 0
Percent of total: 0

Procedures and Reference Document LER
Number of items: 4
Percent of total: 2.38

12-Procedure techni	O-Operations	T-Testing	50-331/199800200
12-Procedure techni	E-Electrical	T-Testing	50-331/199800200
12-Procedure techni	O-Operations	M-Maint / Repair	50-331/199800300
12-Procedure techni	O-Operations	M-Maint / Repair	50-331/199800300

Training IR

Number of items: 16
Percent of total: 9.52

03-Training process	T-Training	A-Administrative	50-331/1997002
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Training IR

Number of items: 16

Percent of Total: 9.52

03-Training process	T-Training	A-Administrative	50-331/1997017
01-No Training	T-Training	M-Maint / Repair	50-331/1998010
03-Training process	T-Training	M-Maint / Repair	50-331/1998010
02-Training LTA	T-Training	Z-Other	50-331/1998012
02-Training LTA	T-Training	Z-Other	50-331/1998012
05-Individual knowl	O-Operations	Z-Other	50-331/1998301
02-Training LTA	T-Training	O-Control Room Ops	50-331/1998301
02-Training LTA	T-Training	O-Control Room Ops	50-331/1998301
02-Training LTA	T-Training	O-Control Room Ops	50-331/1998301
02-Training LTA	T-Training	O-Control Room Ops	50-331/1998301
02-Training LTA	T-Training	O-Control Room Ops	50-331/1998301
02-Training LTA	T-Training	O-Control Room Ops	50-331/1998301
02-Training LTA	T-Training	O-Control Room Ops	50-331/1998301
02-Training LTA	T-Training	O-Control Room Ops	50-331/1998301
06-Simulator fideli	T-Training	Z-Other	50-331/1998301
06-Simulator fideli	T-Training	Z-Other	50-331/1998301

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: 96

Percent of total: 57.14

84-Non-conserv. dec	O-Operations	S-Surveillance	50-331/1997002
93-Awareness or att	O-Operations	S-Surveillance	50-331/1997002
83-Work practice or	W-Work Control / Sc	A-Administrative	50-331/1997002
81-Work Package Qua	G-Engineering	F-Modification	50-331/1997002
84-Non-conserv. dec	O-Operations	S-Surveillance	50-331/1997017
93-Awareness or att	O-Operations	S-Surveillance	50-331/1997017
83-Work practice or	W-Work Control / Sc	A-Administrative	50-331/1997017
81-Work Package Qua	G-Engineering	F-Modification	50-331/1997017
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-331/1998002
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-331/1998002
83-Work practice or	U-Unknown	K-Housekeeping	50-331/1998002
83-Work practice or	U-Unknown	K-Housekeeping	50-331/1998002
83-Work practice or	E-Electrical	V-Troubleshooting	50-331/1998002
83-Work practice or	E-Electrical	V-Troubleshooting	50-331/1998002
83-Work practice or	M-Mechanical	A-Administrative	50-331/1998002
83-Work practice or	M-Mechanical	A-Administrative	50-331/1998002
83-Work practice or	G-Engineering	G-Design	50-331/1998002
93-Awareness or att	G-Engineering	T-Testing	50-331/1998002
81-Work Package Qua	G-Engineering	G-Design	50-331/1998002
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-331/1998003
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-331/1998003
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-331/1998003
87-Non-conservative	O-Operations	O-Control Room Ops	50-331/1998003

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Work Factors IR

Number of items: 96

Percent of Total: 57.14

89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-331/1998003
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-331/1998003
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-331/1998003
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-331/1998003
85-Team interaction	O-Operations	M-Maint / Repair	50-331/1998004
93-Awareness or att	O-Operations	S-Surveillance	50-331/1998004
93-Awareness or att	O-Operations	S-Surveillance	50-331/1998004
85-Team interaction	O-Operations	S-Surveillance	50-331/1998004
85-Team interaction	I-Instrumentation &	S-Surveillance	50-331/1998004
83-Work practice or	O-Operations	S-Surveillance	50-331/1998004
81-Work Package Qua	W-Work Control / Sc	T-Testing	50-331/1998004
83-Work practice or	E-Electrical	M-Maint / Repair	50-331/1998004
84-Non-conserv. dec	Z-Other	M-Maint / Repair	50-331/1998004
87-Non-conservative	E-Electrical	M-Maint / Repair	50-331/1998004
82-Briefing, prep.	I-Instrumentation &	C-Calibration	50-331/1998004
81-Work Package Qua	G-Engineering	G-Design	50-331/1998004
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-331/1998006

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86-Work untimely	O-Operations	M-Maint / Repair	50-331/1998006
94-Log-keeping or r	O-Operations	M-Maint / Repair	50-331/1998006
94-Log-keeping or r	O-Operations	M-Maint / Repair	50-331/1998006
94-Log-keeping or r	O-Operations	M-Maint / Repair	50-331/1998006
94-Log-keeping or r	O-Operations	M-Maint / Repair	50-331/1998006
94-Log-keeping or r	O-Operations	M-Maint / Repair	50-331/1998006
94-Log-keeping or r	O-Operations	M-Maint / Repair	50-331/1998006
81-Work Package Qua	G-Engineering	G-Design	50-331/1998006
83-Work practice or	O-Operations	O-Control Room Ops	50-331/1998008
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-331/1998008
93-Awareness or att	O-Operations	S-Surveillance	50-331/1998008
91-Verification / p	G-Engineering	S-Surveillance	50-331/1998008
93-Awareness or att	O-Operations	S-Surveillance	50-331/1998008
93-Awareness or att	G-Engineering	S-Surveillance	50-331/1998008
83-Work practice or	M-Mechanical	M-Maint / Repair	50-331/1998008
84-Non-conserv. dec	Q-QA/QC	M-Maint / Repair	50-331/1998008
83-Work practice or	E-Electrical	M-Maint / Repair	50-331/1998008
81-Work Package Qua	W-Work Control / Sc	T-Testing	50-331/1998008
83-Work practice or	M-Mechanical	M-Maint / Repair	50-331/1998008
93-Awareness or att	I-Instrumentation &	C-Calibration	50-331/1998009
93-Awareness or att	I-Instrumentation &	C-Calibration	50-331/1998009
93-Awareness or att	E-Electrical	M-Maint / Repair	50-331/1998009
93-Awareness or att	G-Engineering	P-Procedure Dev	50-331/1998009
83-Work practice or	M-Mechanical	H-Health Physics	50-331/1998009
93-Awareness or att	M-Mechanical	H-Health Physics	50-331/1998009
93-Awareness or att	H-Health Physics	H-Health Physics	50-331/1998009
93-Awareness or att	Q-QA/QC	M-Maint / Repair	50-331/1998010
93-Awareness or att	W-Work Control / Sc	M-Maint / Repair	50-331/1998010
93-Awareness or att	E-Electrical	A-Administrative	50-331/1998010
93-Awareness or att	E-Electrical	A-Administrative	50-331/1998010
93-Awareness or att	Q-QA/QC	M-Maint / Repair	50-331/1998010
93-Awareness or att	E-Electrical	M-Maint / Repair	50-331/1998010
83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-331/1998010

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Work Factors IR			
Number of items: 96			
Percent of Total: 57.14			
94-Log-keeping or r	O-Operations	A-Administrative	50-331/1998012
94-Log-keeping or r	O-Operations	A-Administrative	50-331/1998012
93-Awareness or att	O-Operations	Z-Other	50-331/1998301
84-Non-conserv. dec	O-Operations	Z-Other	50-331/1998301
93-Awareness or att	O-Operations	Z-Other	50-331/1998301
93-Awareness or att	O-Operations	Z-Other	50-331/1998301
84-Non-conserv. dec	O-Operations	Z-Other	50-331/1998301
84-Non-conserv. dec	O-Operations	Z-Other	50-331/1998301
81-Work Package Qua	T-Training	Z-Other	50-331/1998301
81-Work Package Qua	T-Training	Z-Other	50-331/1998301
81-Work Package Qua	T-Training	A-Administrative	50-331/1998301
93-Awareness or att	T-Training	Z-Other	50-331/1998301
81-Work Package Qua	T-Training	Z-Other	50-331/1998301
81-Work Package Qua	T-Training	Z-Other	50-331/1998301
93-Awareness or att	T-Training	Z-Other	50-331/1998301
93-Awareness or att	T-Training	Z-Other	50-331/1998301
93-Awareness or att	O-Operations	Z-Other	50-331/1998301
93-Awareness or att	O-Operations	Z-Other	50-331/1998301
83-Work practice or	O-Operations	Z-Other	50-331/1998301
83-Work practice or	O-Operations	Z-Other	50-331/1998301
93-Awareness or att	O-Operations	Z-Other	50-331/1998301
93-Awareness or att	O-Operations	Z-Other	50-331/1998301
93-Awareness or att	T-Training	Z-Other	50-331/1998301

Work Factors ER

Number of items: 0

Percent of total: 0

Work Factors LER

Number of items: 3

Percent of total: 1.79

92-Self check LTA	O-Operations	T-Testing	50-331/199800200
83-Work practice or	W-Work Control / Sc	M-Maint / Repair	50-331/199800600
81-Work Package Qua	M-Mechanical	T-Testing	50-331/199800600

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[End of File for Plant Docket 331 (1998)]
