

1999 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: 129
From 01/01/1999 to 12/31/1999
2x National Average: 226

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 4			
Percent of total: 3.1			
53-Communication LT	O-Operations	S-Surveillance	50-331/1999004
	O-Operations		
53-Communication LT	O-Operations	S-Surveillance	50-331/1999004
	O-Operations		
53-Communication LT	O-Operations	M-Maint / Repair	50-331/1999004
	O-Operations		
51-Misunderstood /	H-Health Physics	H-Health Physics	50-331/1999004
	H-Health Physics		
Communications ER			
Number of items: 2			
Percent of total: 1.55			
53-Communication LT	O-Operations	Z-Other	50-331/1999302
	O-Operations		
53-Communication LT	O-Operations	Z-Other	50-331/1999302
	O-Operations		
Communications LER			
Number of items: 0			
Percent of total: 0			
Human-System Interface and Environm IR			
Number of items: 2			
Percent of total: 1.55			
75-Work area LTA	O-Operations	B-Bal of Plant Ops	50-331/1999003
72-Lighting LTA	M-Mechanical	M-Maint / Repair	50-331/1999012
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: .78			
64-Placement or loc	M-Mechanical	M-Maint / Repair	50-331/199900700
Management and Supervision IR			
Number of items: 11			
Percent of total: 8.53			
34-Perceived pressu	I-Instrumentation &	M-Maint / Repair	50-331/1998015
32-Supervision / co	F-Fuel Handling	B-Bal of Plant Ops	50-331/1999001
48-Audits or proble	O-Operations	B-Bal of Plant Ops	50-331/1999001
32-Supervision / co	O-Operations	B-Bal of Plant Ops	50-331/1999001
48-Audits or proble	F-Fuel Handling	Z-Other	50-331/1999001
41-Action not begun	I-Instrumentation &	Z-Other	50-331/1999001
33-Management expec	H-Health Physics	H-Health Physics	50-331/1999009
40-Individual Corre	O-Operations	Z-Other	50-331/1999012
36-Scheduling and p	O-Operations	M-Maint / Repair	50-331/1999012

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 11			
Percent of Total: 8.53			
33-Management expec	O-Operations	Z-Other	50-331/1999014
40-Individual Corre	E-Electrical	Z-Other	50-331/1999014

Management and Supervision ER

Number of items: 0
 Percent of total: 0

Management and Supervision LER

Number of items: 1
 Percent of total: .78

40-Individual Corre E-Electrical M-Maint / Repair 50-331/199900700

Organizational Issues IR

Number of items: 1
 Percent of total: .78

22-Poor Task Alloca Q-QA/QC M-Maint / Repair 50-331/1998015

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: 11.63

12-Procedure techni G-Engineering G-Design 50-331/1998021
 12-Procedure techni P-Procedure Writers P-Procedure Dev 50-331/1999001
 13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-331/1999001
 13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-331/1999003
 13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-331/1999007
 13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-331/1999007
 13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-331/1999007
 13-Procedure has hu G-Engineering G-Design 50-331/1999007
 12-Procedure techni P-Procedure Writers P-Procedure Dev 50-331/1999011
 12-Procedure techni P-Procedure Writers P-Procedure Dev 50-331/1999011
 12-Procedure techni P-Procedure Writers P-Procedure Dev 50-331/1999011
 13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-331/1999012
 13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-331/1999012
 12-Procedure techni G-Engineering G-Design 50-331/1999012
 12-Procedure techni G-Engineering G-Design 50-331/1999012
 13-Procedure has hu G-Engineering G-Design 50-331/1999014

Procedures and Reference Document ER

Number of items: 1
 Percent of total: .78

13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-331/1999302

Procedures and Reference Document LER

Number of items: 1
 Percent of total: .78

12-Procedure techni O-Operations S-Surveillance 50-331/199900200

Training IR

Number of items: 5
 Percent of total: 3.88

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Training IR

Number of items: 5
 Percent of Total: 3.88

05-Individual knowl	I-Instrumentation &	M-Maint / Repair	50-331/1999001
05-Individual knowl	I-Instrumentation &	M-Maint / Repair	50-331/1999001
05-Individual knowl	T-Training	Z-Other	50-331/1999006
02-Training LTA	T-Training	O-Control Room Ops	50-331/1999009
05-Individual knowl	M-Mechanical	M-Maint / Repair	50-331/1999012

Training ER

Number of items: 4
 Percent of total: 3.1

05-Individual knowl	O-Operations	Z-Other	50-331/1999302
05-Individual knowl	O-Operations	Z-Other	50-331/1999302
05-Individual knowl	O-Operations	Z-Other	50-331/1999302
02-Training LTA	T-Training	Z-Other	50-331/1999302

Training LER

Number of items: 0
Percent of total: 0

Work Factors IR

Number of items: 77
Percent of total: 59.69

83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-331/1998015
83-Work practice or	Q-QA/QC	M-Maint / Repair	50-331/1998015
84-Non-conserv. dec	G-Engineering	M-Maint / Repair	50-331/1998015
84-Non-conserv. dec	I-Instrumentation &	Q-Fire Protection	50-331/1998015
93-Awareness or att	G-Engineering	G-Design	50-331/1998021
93-Awareness or att	G-Engineering	G-Design	50-331/1998021
93-Awareness or att	G-Engineering	G-Design	50-331/1998021
84-Non-conserv. dec	P-Procedure Writers	P-Procedure Dev	50-331/1999001
84-Non-conserv. dec	P-Procedure Writers	P-Procedure Dev	50-331/1999001
83-Work practice or	O-Operations	O-Control Room Ops	50-331/1999001
85-Team interaction	G-Engineering	P-Procedure Dev	50-331/1999001
93-Awareness or att	H-Health Physics	H-Health Physics	50-331/1999001
93-Awareness or att	H-Health Physics	H-Health Physics	50-331/1999001
93-Awareness or att	H-Health Physics	H-Health Physics	50-331/1999001
93-Awareness or att	O-Operations	A-Administrative	50-331/1999001
93-Awareness or att	O-Operations	A-Administrative	50-331/1999001
93-Awareness or att	O-Operations	A-Administrative	50-331/1999001
93-Awareness or att	O-Operations	A-Administrative	50-331/1999001
93-Awareness or att	O-Operations	A-Administrative	50-331/1999001
83-Work practice or	H-Health Physics	H-Health Physics	50-331/1999001
83-Work practice or	H-Health Physics	H-Health Physics	50-331/1999001
85-Team interaction	W-Work Control / Sc	S-Surveillance	50-331/1999001
84-Non-conserv. dec	I-Instrumentation &	M-Maint / Repair	50-331/1999001
84-Non-conserv. dec	I-Instrumentation &	M-Maint / Repair	50-331/1999001
84-Non-conserv. dec	G-Engineering	M-Maint / Repair	50-331/1999001
84-Non-conserv. dec	G-Engineering	G-Design	50-331/1999002
83-Work practice or	G-Engineering	G-Design	50-331/1999002
93-Awareness or att	G-Engineering	P-Procedure Dev	50-331/1999002
93-Awareness or att	G-Engineering	P-Procedure Dev	50-331/1999002

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Work Factors IR

Number of items: 77
Percent of Total: 59.69

93-Awareness or att	G-Engineering	P-Procedure Dev	50-331/1999002
82-Briefing, prep.	O-Operations	S-Surveillance	50-331/1999003
93-Awareness or att	O-Operations	S-Surveillance	50-331/1999003
84-Non-conserv. dec	G-Engineering	F-Modification	50-331/1999003
84-Non-conserv. dec	H-Health Physics	H-Health Physics	50-331/1999003
83-Work practice or	H-Health Physics	H-Health Physics	50-331/1999003
93-Awareness or att	O-Operations	O-Control Room Ops	50-331/1999004
94-Log-keeping or r	O-Operations	A-Administrative	50-331/1999004
83-Work practice or	G-Engineering	H-Health Physics	50-331/1999004
93-Awareness or att	G-Engineering	H-Health Physics	50-331/1999004
82-Briefing, prep.	H-Health Physics	H-Health Physics	50-331/1999004
83-Work practice or	H-Health Physics	H-Health Physics	50-331/1999004
84-Non-conserv. dec	W-Work Control / Sc	H-Health Physics	50-331/1999004
93-Awareness or att	T-Training	A-Administrative	50-331/1999006
93-Awareness or att	T-Training	A-Administrative	50-331/1999006
93-Awareness or att	T-Training	Z-Other	50-331/1999006
93-Awareness or att	T-Training	A-Administrative	50-331/1999006
87-Non-conservative	U-Unknown	Z-Other	50-331/1999006
84-Non-conserv. dec	O-Operations	S-Surveillance	50-331/1999007
84-Non-conserv. dec	O-Operations	S-Surveillance	50-331/1999007
93-Awareness or att	W-Work Control / Sc	M-Maint / Repair	50-331/1999007
93-Awareness or att	W-Work Control / Sc	M-Maint / Repair	50-331/1999007
84-Non-conserv. dec	E-Electrical	M-Maint / Repair	50-331/1999007
84-Non-conserv. dec	E-Electrical	M-Maint / Repair	50-331/1999007
81-Work Package Qua	G-Engineering	F-Modification	50-331/1999007
93-Awareness or att	G-Engineering	G-Design	50-331/1999007
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-331/1999009
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-331/1999009
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-331/1999009
93-Awareness or att	G-Engineering	Z-Other	50-331/1999011
81-Work Package Qua	G-Engineering	G-Design	50-331/1999011

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93-Awareness or att	G-Engineering	F-Modification	50-331/1999011
93-Awareness or att	G-Engineering	F-Modification	50-331/1999011
83-Work practice or	H-Health Physics	H-Health Physics	50-331/1999011
84-Non-conserv. dec	H-Health Physics	H-Health Physics	50-331/1999011
93-Awareness or att	E-Electrical	M-Maint / Repair	50-331/1999012
93-Awareness or att	F-Fuel Handling	R-Refueling	50-331/1999012
89-Housekeeping LTA	M-Mechanical	H-Health Physics	50-331/1999012
89-Housekeeping LTA	M-Mechanical	H-Health Physics	50-331/1999012
89-Housekeeping LTA	M-Mechanical	H-Health Physics	50-331/1999012
85-Team interaction	H-Health Physics	H-Health Physics	50-331/1999012
85-Team interaction	M-Mechanical	H-Health Physics	50-331/1999012
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-331/1999014
93-Awareness or att	I-Instrumentation &	M-Maint / Repair	50-331/1999014
93-Awareness or att	I-Instrumentation &	T-Testing	50-331/1999014
93-Awareness or att	C-Chemistry	B-Bal of Plant Ops	50-331/1999014
84-Non-conserv. dec	E-Electrical	M-Maint / Repair	50-331/1999014
93-Awareness or att	G-Engineering	G-Design	50-331/1999014

Work Factors ER

Number of items: 4

Percent of total: 3.1

81-Work Package Qua T-Training A-Administrative 50-331/1999302

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Work Factors ER

Number of items: 4

Percent of Total: 3.1

93-Awareness or att T-Training Z-Other 50-331/1999302

93-Awareness or att T-Training Z-Other 50-331/1999302

93-Awareness or att T-Training Z-Other 50-331/1999302

Work Factors LER

Number of items: 0

Percent of total: 0

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[End of File for Plant Docket 331 (1999)]