

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

Total Number of Hits in Date Range: 88  
From 01/01/2003 to 01/01/2004  
2x National Average: 85

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: 1			
Percent of total: 1.14			
54-No communication	O-Operations	O-Control Room Ops	50-331/200300300
	O-Operations		
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: 16			
Percent of total: 18.18			
43-Operating Experi	G-Engineering	P-Procedure Dev	50-331/2002007
36-Scheduling and p	D-Emergency Plannin	D-Emergency Drill	50-331/2002007
40-Individual Corre	O-Operations	M-Maint / Repair	50-331/2003003
47-Root Cause LTA	E-Electrical	M-Maint / Repair	50-331/2003003
40-Individual Corre	I-Instrumentation &	M-Maint / Repair	50-331/2003005
33-Management expec	Q-QA/QC	M-Maint / Repair	50-331/2003005
47-Root Cause LTA	G-Engineering	M-Maint / Repair	50-331/2003008
47-Root Cause LTA	G-Engineering	M-Maint / Repair	50-331/2003008
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-331/2003008
44-Corrective Actio	G-Engineering	M-Maint / Repair	50-331/2003008
48-Audits or proble	G-Engineering	G-Design	50-331/2003008
41-Action not begun	T-Training	M-Maint / Repair	50-331/2003008
40-Individual Corre	G-Engineering	M-Maint / Repair	50-331/2003008
40-Individual Corre	M-Mechanical	M-Maint / Repair	50-331/2003008
40-Individual Corre	M-Mechanical	M-Maint / Repair	50-331/2003008
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-331/2003008
Management and Supervision ER			
Number of items: 0			
Percent of total: 0			
Management and Supervision LER			
Number of items: 4			
Percent of total: 4.55			
43-Operating Experi	G-Engineering	V-Troubleshooting	50-331/200300100
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Management and Supervision LER			
Number of items: 4			
Percent of Total: 4.55			
40-Individual Corre	G-Engineering	V-Troubleshooting	50-331/200300100
32-Supervision / co	G-Engineering	V-Troubleshooting	50-331/200300100
47-Root Cause LTA	O-Operations	O-Control Room Ops	50-331/200300300

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: 10			
Percent of total: 11.36			
12-Procedure techni	G-Engineering	M-Maint / Repair	50-331/2002007
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-331/2003003
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-331/2003003
11-No procedure / r	G-Engineering	G-Design	50-331/2003004
12-Procedure techni	W-Work Control / Sc	M-Maint / Repair	50-331/2003004
12-Procedure techni	G-Engineering	G-Design	50-331/2003004
12-Procedure techni	T-Training	O-Control Room Ops	50-331/2003005
12-Procedure techni	T-Training	O-Control Room Ops	50-331/2003005
12-Procedure techni	H-Health Physics	H-Health Physics	50-331/2003005
12-Procedure techni	G-Engineering	G-Design	50-331/2003008

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

Procedures and Reference Document LER			
Number of items: 3			
Percent of total: 3.41			
12-Procedure techni	O-Operations	O-Control Room Ops	50-331/200300100
12-Procedure techni	O-Operations	O-Control Room Ops	50-331/200300100
12-Procedure techni	O-Operations	O-Control Room Ops	50-331/200300200

Training IR			
Number of items: 2			
Percent of total: 2.27			
03-Training process	T-Training	T-Testing	50-331/2002007
02-Training LTA	T-Training	T-Testing	50-331/2002007

Training ER  
Number of items: 0  
Percent of total: 0

Training LER			
Number of items: 4			
Percent of total: 4.55			
06-Simulator fideli	O-Operations	O-Control Room Ops	50-331/200300100
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Training LER

Number of items: 4  
 Percent of Total: 4.55  
 02-Training LTA O-Operations O-Control Room Ops 50-331/200300100  
 05-Individual knowl O-Operations O-Control Room Ops 50-331/200300200  
 02-Training LTA O-Operations O-Control Room Ops 50-331/200300300

## Work Factors IR

Number of items: 45  
 Percent of total: 51.14  
 83-Work practice or E-Electrical F-Modification 50-331/2002007  
 83-Work practice or E-Electrical F-Modification 50-331/2002007  
 93-Awareness or att O-Operations S-Surveillance 50-331/2002007  
 92-Self check LTA O-Operations S-Surveillance 50-331/2002007  
 91-Verification / p O-Operations S-Surveillance 50-331/2002007  
 83-Work practice or O-Operations S-Surveillance 50-331/2002007  
 89-Housekeeping LTA E-Electrical M-Maint / Repair 50-331/2003003  
 89-Housekeeping LTA M-Mechanical M-Maint / Repair 50-331/2003003  
 81-Work Package Qua G-Engineering F-Modification 50-331/2003003  
 81-Work Package Qua G-Engineering F-Modification 50-331/2003003  
 83-Work practice or I-Instrumentation & M-Maint / Repair 50-331/2003004  
 91-Verification / p I-Instrumentation & M-Maint / Repair 50-331/2003004  
 93-Awareness or att Q-QA/QC M-Maint / Repair 50-331/2003004  
 89-Housekeeping LTA U-Unknown M-Maint / Repair 50-331/2003004  
 89-Housekeeping LTA U-Unknown M-Maint / Repair 50-331/2003004  
 89-Housekeeping LTA U-Unknown M-Maint / Repair 50-331/2003004  
 89-Housekeeping LTA U-Unknown M-Maint / Repair 50-331/2003004  
 89-Housekeeping LTA U-Unknown M-Maint / Repair 50-331/2003004  
 89-Housekeeping LTA U-Unknown M-Maint / Repair 50-331/2003004  
 89-Housekeeping LTA U-Unknown M-Maint / Repair 50-331/2003004  
 89-Housekeeping LTA U-Unknown M-Maint / Repair 50-331/2003004  
 89-Housekeeping LTA U-Unknown M-Maint / Repair 50-331/2003004  
 89-Housekeeping LTA U-Unknown M-Maint / Repair 50-331/2003004  
 83-Work practice or I-Instrumentation & V-Troubleshooting 50-331/2003004  
 84-Non-conserv. dec H-Health Physics H-Health Physics 50-331/2003004  
 93-Awareness or att G-Engineering F-Modification 50-331/2003004  
 93-Awareness or att G-Engineering F-Modification 50-331/2003004  
 83-Work practice or O-Operations F-Modification 50-331/2003004  
 83-Work practice or O-Operations O-Control Room Ops 50-331/2003004  
 83-Work practice or U-Unknown H-Health Physics 50-331/2003004  
 81-Work Package Qua G-Engineering H-Health Physics 50-331/2003004  
 84-Non-conserv. dec E-Electrical M-Maint / Repair 50-331/2003005  
 84-Non-conserv. dec E-Electrical M-Maint / Repair 50-331/2003005  
 84-Non-conserv. dec E-Electrical M-Maint / Repair 50-331/2003005  
 84-Non-conserv. dec E-Electrical M-Maint / Repair 50-331/2003005  
 83-Work practice or C-Chemistry B-Bal of Plant Ops 50-331/2003005  
 84-Non-conserv. dec G-Engineering F-Modification 50-331/2003005  
 93-Awareness or att I-Instrumentation & M-Maint / Repair 50-331/2003005  
 92-Self check LTA I-Instrumentation & M-Maint / Repair 50-331/2003005  
 91-Verification / p I-Instrumentation & M-Maint / Repair 50-331/2003005  
 83-Work practice or Q-QA/QC M-Maint / Repair 50-331/2003005  
 84-Non-conserv. dec T-Training F-Modification 50-331/2003005  
 84-Non-conserv. dec G-Engineering F-Modification 50-331/2003005

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Work Factors IR			
Number of items: 45			
Percent of Total: 51.14			
84-Non-conserv. dec	G-Engineering	A-Administrative	50-331/2003008
84-Non-conserv. dec	W-Work Control / Sc	M-Maint / Repair	50-331/2003008

## Work Factors ER

Number of items: 0  
 Percent of total: 0

Work Factors LER

Number of items: 3

Percent of total: 3.41

84-Non-conserv. dec G-Engineering	V-Troubleshooting	50-331/200300100
84-Non-conserv. dec B-Plant Management	V-Troubleshooting	50-331/200300100
84-Non-conserv. dec O-Operations	O-Control Room Ops	50-331/200300300

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