1997 Human Factors Information System Report for Plant Docket 321

Combined IR/ER/LER Report Docket: 50-321 HATCH 1 Total Number of Hits in Date Range: 116 From 01/01/1997 to 12/31/1997 2x National Average: 213 Details Department Work Type Docket/Report Communications IR Number of items: 6 Percent of total: 5.17 D-Emergency Drill 54-No communication G-Engineering 50-321/1997001 G-Engineering M-Maint / Repair 51-Misunderstood / M-Mechanical 50-321/1997002 M-Mechanical 54-No communication U-Unknown H-Health Physics 50-321/1997005 U-Unknown 53-Communication LT M-Mechanical H-Health Physics 50-321/1997005 M-Mechanical 53-Communication LT G-Engineering G-Design 50-321/1997007 G-Engineering 53-Communication LT O-Operations O-Control Room Ops 50-321/1997010 0-Operations Communications ER Number of items: 0 Percent of total: 0 Communications LER Number of items: 1 Percent of total: .86 53-Communication LT O-Operations O-Control Room Ops 50-321/199700300 Human-System Interface and Environm IR Number of items: 2 Percent of total: 1.72 61-Labels LTA 0-Operations O-Control Room Ops 50-321/1997002 H-Health Physics H-Health Physics 50-321/1997010 76-Postings LTA 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: .86 75-Work area LTA E-Electrical M-Maint / Repair 50-366/199700200 Management and Supervision IR Number of items: 9 Percent of total: 7.76 33-Management expec O-Operations Q-Fire Protection 50-321/1997001 M-Maint / Repair 32-Supervision / co M-Mechanical 50-321/1997002 G-Design K-Housekeeping 41-Action not begun G-Engineering 50-321/1997002 41-Action not begun 0-Operations 50-321/1997005 43-Operating Experi O-Operations Z-Other 50-321/1997006 48-Audits or proble Q-QA/QC Z-Other 50-321/1997006 50-321/1997006 40-Individual Corre O-Operations Z-Other 40-Individual Corre Q-QA/QC Z-Other 50-321/1997006 Date:08/05/1998 Page: 1 Combined IR/ER/LER Report Docket: 50-321 HATCH 1 Total Number of Hits in Date Range: 116 From 01/01/1997 to 12/31/1997 2x National Average: 213 Details Department Work Type Docket/Report Management and Supervision IR Number of items: 9 Percent of Total: 7.76 36-Scheduling and p W-Work Control / Sc M-Maint / Repair 50-321/1997010

Human Factors Information System Report

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Management and Supervision ER
Number of items: 0
Percent of total: 0
Management and Supervision LER
Number of items: 1
Percent of total: .86
36-Scheduling and p O-Operations
                                      O-Control Room Ops 50-321/199700800
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: 11
Percent of total: 9.48
12-Procedure techni O-Operations
                                      U-Unknown
                                                           50-321/1996014
12-Procedure techni G-Engineering
                                       G-Design
                                                           50-321/1997001
12-Procedure techni G-Engineering
                                      G-Design
                                                          50-321/1997001
14-Document develop W-Work Control / Sc P-Procedure Dev
                                                          50-321/1997002
12-Procedure techni 0-Operations
                                  A-Administrative 50-321/1997004
12-Procedure techni G-Engineering
                                       G-Design
                                                           50-321/1997005
12-Procedure techni G-Engineering
                                      G-Design
                                                          50-321/1997005
12-Procedure techni G-Engineering
                                       G-Design
                                                          50-321/1997005
12-Procedure techni G-Engineering
                                       G-Design
                                                          50-321/1997005
12-Procedure techni G-Engineering
                                       G-Design
                                                          50-321/1997009
12-Procedure techni G-Engineering
                                       G-Design
                                                           50-321/1997010
Procedures and Reference Document ER
Number of items: 0
Percent of total: 0
Procedures and Reference Document LER
Number of items: 5
Percent of total: 4.31
12-Procedure techni O-Operations
                                       O-Control Room Ops 50-321/199700300
                                       M-Maint / Repair
13-Procedure has hu M-Mechanical
                                                           50-321/199700700
13-Procedure has hu O-Operations
                                       O-Control Room Ops 50-321/199700800
11-No procedure / r E-Electrical
                                       M-Maint / Repair
                                                           50-366/199700200
                                      O-Control Room Ops 50-366/199700500
13-Procedure has hu O-Operations
Training IR
Number of items: 6
Percent of total: 5.17
         Page: 2
                        Date:08/05/1998
          Combined IR/ER/LER Report
         Docket: 50-321 HATCH 1
    Total Number of Hits in Date Range: 116
     From 01/01/1997 to 12/31/1997
    2x National Average: 213
Details
                   Department
                                       Work Type
                                                          Docket/Report
Training IR
Number of items: 6
Percent of Total: 5.17
03-Training process H-Health Physics
                                       U-Unknown
                                                           50-321/1996014
                                       O-Control Room Ops 50-321/1997002
06-Simulator fideli T-Training
02-Training LTA
                T-Training
                                      Q-Fire Protection
                                                           50-321/1997002
05-Individual knowl G-Engineering
                                      V-Troubleshooting
                                                           50-321/1997007
                                       Z-Other
02-Training LTA T-Training
                                                           50-321/1997009
05-Individual knowl O-Operations
                                      S-Surveillance
                                                           50-321/1997009
Training ER
Number of items: 0
Percent of total: 0
Training LER
Number of items: 0
Percent of total: 0
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Human Factors Information System Report

Work Factors IR	-			
Number of items: 70 Percent of total: 60.34				
84-Non-conserv. dec		U-Unknown	50-321/1996014	
87-Non-conservati E		-Unknown 5	0-321/1996014	
	B-Plant Management	U-Unknown	50-321/1996014	
83-Work practice or 81-Work Package Qua	-	Q-Fire Protection F-Modification	50-321/1997001 50-321/1997001	
84-Non-conserv. dec		F-Modification	50-321/1997001	
92-Self check LTA	G-Engineering	G-Design	50-321/1997001	
83-Work practice or		O-Control Room Ops	50-321/1997001	
81-Work Package Qua 83-Work practice or	5	M-Maint / Repair Z-Other	50-321/1997001 50-321/1997001	
83-Work practice or		Z-Other	50-321/1997001	
83-Work practice or		Q-Fire Protection	50-321/1997001	
83-Work practice or		Q-Fire Protection A-Administrative	50-321/1997001 50-321/1997002	
93-Awareness or att 93-Awareness or att	-	A-Administrative	50-321/1997002	
83-Work practice or	-	O-Control Room Ops	50-321/1997002	
83-Work practice or	-	M-Maint / Repair	50-321/1997002	
88-Tag outs LTA 93-Awareness or att	0-Operations	M-Maint / Repair M-Maint / Repair	50-321/1997002 50-321/1997002	
93-Awareness or att	-	O-Control Room Ops	50-321/1997002	
88-Tag outs LTA	M-Mechanical	M-Maint / Repair	50-321/1997002	
83-Work practice or		M-Maint / Repair	50-321/1997002	
83-Work practice or 83-Work practice or		S-Surveillance S-Surveillance	50-321/1997002 50-321/1997002	
-	W-Work Control / Sc		50-321/1997002	
83-Work practice or	5	R-Refueling	50-321/1997002	
83-Work practice or		A-Administrative	50-321/1997003	
88-Tag outs LTA 91-Verification / p	M-Mechanical	M-Maint / Repair M-Maint / Repair	50-321/1997005 50-321/1997005	
91-Verification / p		M-Maint / Repair	50-321/1997005	
91-Verification / p		K-Housekeeping	50-321/1997005	
91-Verification / p Page: 3	G-Engineering Date:08/05/199	K-Housekeeping	50-321/1997005	
rage: 5	Date: 00/03/199	0		
	IR/ER/LER Report 0-321 HATCH 1			
DOCKEL: 5	U-321 HAICH I			
Total Number o	f Hits in Date Range	: 116		
From 01/01/199	7 to 12/31/1997	: 116		
	7 to 12/31/1997	: 116		
From 01/01/199	7 to 12/31/1997	: 116 Work Type	Docket/Report	
From 01/01/199 2x National Av Details	7 to 12/31/1997 erage: 213		Docket/Report	
From 01/01/199 2x National Av Details Work Factors IR	7 to 12/31/1997 rerage: 213 Department		Docket/Report	
From 01/01/199 2x National Av Details	7 to 12/31/1997 Terage: 213 Department 0		Docket/Report	
From 01/01/199 2x National Av Details Work Factors IR Number of items: 7 Percent of Total: 6 83-Work practice or	7 to 12/31/1997 erage: 213 Department 0 0.34 G-Engineering	Work Type S-Surveillance	50-321/1997005	
From 01/01/199 2x National Av Details Work Factors IR Number of items: 7 Percent of Total: 6 83-Work practice or 86-Work untimely	7 to 12/31/1997 erage: 213 Department 0 0.34 G-Engineering G-Engineering	Work Type S-Surveillance G-Design	50-321/1997005 50-321/1997005	
From 01/01/199 2x National Av Details Work Factors IR Number of items: 7 Percent of Total: 6 83-Work practice or 86-Work untimely	7 to 12/31/1997 erage: 213 Department 0 0.34 G-Engineering G-Engineering A-Administrative Su	Work Type S-Surveillance G-Design	50-321/1997005	
From 01/01/199 2x National Av Details Work Factors IR Number of items: 7 Percent of Total: 6 83-Work practice or 86-Work untimely 83-Work practice or 83-Work practice or 81-Work Package Qua	7 to 12/31/1997 rerage: 213 Department 0 0.34 G-Engineering G-Engineering A-Administrative Su U-Unknown H-Health Physics	Work Type S-Surveillance G-Design A-Administrative H-Health Physics H-Health Physics	50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997005	
From 01/01/199 2x National Av Details Work Factors IR Number of items: 7 Percent of Total: 6 83-Work practice or 86-Work untimely 83-Work practice or 83-Work practice or 81-Work Package Qua 81-Work Package Qua	7 to 12/31/1997 rerage: 213 Department 0 0.34 G-Engineering G-Engineering A-Administrative Su U-Unknown H-Health Physics H-Health Physics	Work Type S-Surveillance G-Design A-Administrative H-Health Physics H-Health Physics H-Health Physics	50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997005	
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From 01/01/199 2x National Av Details Work Factors IR Number of items: 7 Percent of Total: 6 83-Work practice or 86-Work untimely 83-Work practice or 83-Work practice or 81-Work Package Qua 86-Work untimely 84-Non-conserv. dec 93-Awareness or att 83-Work practice or	7 to 12/31/1997 erage: 213 Department 0 0.34 G-Engineering G-Engineering A-Administrative Su U-Unknown H-Health Physics H-Health Physics H-Health Physics SH-Health Physics O-Operations	Work Type S-Surveillance G-Design A-Administrative H-Health Physics H-Health Physics H-Health Physics H-Health Physics H-Health Physics A-Administrative Z-Other	50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997006 50-321/1997006	
From 01/01/199 2x National Av Details Work Factors IR Number of items: 7 Percent of Total: 6 83-Work practice or 86-Work untimely 83-Work practice or 81-Work Package Qua 86-Work untimely 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att	7 to 12/31/1997 erage: 213 Department 0 0.34 G-Engineering G-Engineering A-Administrative Su U-Unknown H-Health Physics H-Health Physics H-Health Physics H-Health Physics O-Operations O-Operations Q-QA/QC	Work Type S-Surveillance G-Design A-Administrative H-Health Physics H-Health Physics H-Health Physics H-Health Physics A-Administrative Z-Other Z-Other	50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997006 50-321/1997006 50-321/1997006	
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From 01/01/199 2x National Av Details Work Factors IR Number of items: 7 Percent of Total: 6 83-Work practice or 86-Work untimely 83-Work practice or 81-Work Package Qua 86-Work untimely 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att 83-Work practice or 83-Work practice or 83-Housekeeping LTA 81-Work Package Qua 84-Non-conserv. dec 89-Housekeeping LTA 87-Non-conservati H 83-Work practice or	7 to 12/31/1997 erage: 213 Department 0 0.34 G-Engineering G-Engineering A-Administrative Su U-Unknown H-Health Physics H-Health Physics H-Health Physics O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations I-Instrumentation & L-Operations I-Instrumentation & C-Operations I-Instrumentation & C-Operations I-Instrumentation & L-Operations I-Instrumentation & M-Mechanical	Work Type S-Surveillance G-Design A-Administrative H-Health Physics H-Health Physics H-Health Physics H-Health Physics A-Administrative Z-Other Z-Other Z-Other A-Administrative B-Bal of Plant Ops A-Administrative B-Bal of Plant Ops H-Health Physics M-Maint / Repair M-Maint / Repair M-Maint / Repair K-Housekeeping -Health Physics 5 H-Health Physics	50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997005 50-321/1997006 50-321/1997006 50-321/1997006 50-321/1997006 50-321/1997007 50-321/1997007 50-321/1997007 50-321/1997007 50-321/1997009 50-321/1997009 50-321/1997009 50-321/1997009 50-321/1997009	
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83-Work practice or G-Engineering 83-Work practice or H-Health Physics 83-Work practice or M-Mechanical 83-Work practice or M-Mechanical 93-Awareness or att U-Unknown	P-Procedure Dev H-Health Physics H-Health Physics H-Health Physics Q-Fire Protection	50-321/1997010 50-321/1997010 50-321/1997010 50-321/1997010 50-321/1997010		
Work Factors ER Number of items: 2 Percent of total: 1.72				
84-Non-conserv. dec O-Operations	Z-Other	50-321/1997030		
83-Work practice or T-Training	Z-Other	50-321/1997030		
Work Factors LER Number of items: 2 Percent of total: 1.72				
87-Non-conservati 0-Operations	O-Control Room Ops	50-321/199700800		
87-Non-conservati 0-Operations	O-Control Room Ops	50-366/199700500		
Page: 4 Date:08/05/1998				

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