1998 Human Factors Information System Report for Plant Docket 400

Combined IR/ER/LER Report Docket: 50-400 HARRIS 1 Total Number of Hits in Date Range: 85 From 01/01/1998 to 12/31/1998 2x National Average: 255 Details Department Work Type Docket/Report Communications IR Number of items: 2 Percent of total: 2.35 53-Communication LT O-Operations Z-Other 50-400/1998001 0-Operations 53-Communication LT G-Engineering V-Troubleshooting 50-400/1998003 0-Operations M-Mechanical 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: 2 Percent of total: 2.35 75-Work area LTA M-Mechanical M-Maint / Repair 50-400/1997013 I-Instrumentation & S-Surveillance 50-400/1997013 61-Labels LTA 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: 24 Percent of total: 28.24 Z-Other 41-Action not begun 0-Operations 50-400/1997013 41-Action not begun G-Engineering Z-Other 50-400/1997013 Z-OUNEL F-Modification 32-Supervision / co G-Engineering 50-400/1997013 32-Supervision / co O-Operations F-Modification 50-400/1997013 F-Modification 32-Supervision / co M-Mechanical 50-400/1997013 47-Root Cause LTA G-Engineering Z-Other 50-400/1997013 0-Operations 47-Root Cause LTA Z-Other 50-400/1998001 47-Root Cause LTA O-Operations Z-Other 50-400/1998001 41-Action not begun O-Operations Z-Other 50-400/1998001 _ Z-Other 44-Corrective Actio G-Engineering 50-400/1998001 47-Root Cause LTA G-Engineering Z-Other 50-400/1998001 33-Management expec O-Operations 50-400/1998003 A-Administrative 47-Root Cause LTA G-Engineering Z-Other 50-400/1998003 47-Root Cause LTA 0-Operations Z-Other 50-400/1998004 P-Procedure Dev 32-Supervision / co C-Chemistry 50-400/1998004 47-Root Cause LTA G-Engineering Z-Other 50-400/1998006 41-Action not begun O-Operations 50-400/1998007 Z-Other Page: 1 Date:01/13/1999 Combined IR/ER/LER Report Docket: 50-400 HARRIS 1 Total Number of Hits in Date Range: 85 From 01/01/1998 to 12/31/1998 2x National Average: 255 Details Department Work Type Docket/Report Management and Supervision IR Number of items: 24 Percent of Total: 28.24 Z-Other 48-Audits or proble Q-QA/QC $\,$ 50-400/1998007 41-Action not begun O-Operations Z-Other 50-400/1998007

Human Factors Information System Report

41-Action not begun O-Operations Z-Other 50-400/1998007 48-Audits or proble Q-QA/QC Z-Other 50-400/1998008 50-400/1998008 48-Audits or proble Q-QA/QC Z-Other 50-400/1998008 41-Action not begun Q-QA/QC Z-Other 48-Audits or proble Z-Other Z-Other 50-400/1998012 Management and Supervision ER Number of items: 0 Percent of total: 0 Management and Supervision LER Number of items: 1 Percent of total: 1.18 41-Action not begun O-Operations U-Unknown 50-400/199800300 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: 12.94 12-Procedure techni G-Engineering G-Design 50-400/1998001 13-Procedure has hu B-Plant Management Z-Other 50-400/1998001 12-Procedure techni G-Engineering Q-Fire Protection 50-400/1998001 12-Procedure techni G-Engineering G-Design 50-400/1998003 12-Procedure techni G-Engineering 50-400/1998003 G-Design 13-Procedure has hu G-Engineering G-Design 50-400/1998003 12-Procedure techni G-Engineering G-Design 50-400/1998006 13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-400/1998008 13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-400/1998008 13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-400/1998008 12-Procedure techni G-Engineering 50-400/1998008 G-Design 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: 5.88 14-Document develop P-Procedure Writers P-Procedure Dev 50-400/199702103 Date:01/13/1999 Page: 2 Combined IR/ER/LER Report Docket: 50-400 HARRIS 1 Total Number of Hits in Date Range: 85 From 01/01/1998 to 12/31/1998 2x National Average: 255 Details Work Type Docket/Report Department Procedures and Reference Document LER Number of items: 5 Percent of Total: 5.88 14-Document develop P-Procedure Writers P-Procedure Dev 50-400/199702103 14-Document develop G-Engineering G-Design 50-400/199702103 12-Procedure techni I-Instrumentation & T-Testing 50-400/199800200 12-Procedure techni O-Operations M-Maint / Repair 50-400/199800300 Training IR Number of items: 2 Percent of total: 2.35 05-Individual knowl O-Operations O-Control Room Ops 50-400/1998001 02-Training LTA T-Training B-Bal of Plant Ops 50-400/1998006 Training ER Number of items: 0 Percent of total: 0 Training LER Number of items: 0 Percent of total: 0

Human Factors Information System Report

Work Factors IR Number of items: 3			
Number of itemer 3			
Percent of total: 4 94-Log-keeping or r		O-Control Room Ops	50-400/1997013
93-Awareness or att	-	O-Control Room Ops	50-400/1997013
93-Awareness or att	-	M-Maint / Repair	50-400/1997013
81-Work Package Qua	G-Engineering	F-Modification	50-400/1997013
83-Work practice or	G-Engineering	F-Modification	50-400/1997013
91-Verification / p	-	O-Control Room Ops	50-400/1998001
93-Awareness or att		M-Maint / Repair	50-400/1998001
-	I-Instrumentation &	V-Troubleshooting F-Modification	50-400/1998001
81-Work Package Qua 83-Work practice or	5	G-Design	50-400/1998001 50-400/1998001
93-Awareness or att		Z-Other	50-400/1998001
83-Work practice or		A-Administrative	50-400/1998001
81-Work Package Qua		Q-Fire Protection	50-400/1998001
83-Work practice or	G-Engineering	A-Administrative	50-400/1998001
81-Work Package Qua		Q-Fire Protection	50-400/1998001
83-Work practice or		A-Administrative	50-400/1998002
83-Work practice or		A-Administrative	50-400/1998002
83-Work practice or		A-Administrative A-Administrative	50-400/1998002 50-400/1998002
83-Work practice or 83-Work practice or		A-Administrative	50-400/1998002
83-Work practice or	-	A-Administrative	50-400/1998003
	W-Work Control / Sc		50-400/1998003
	W-Work Control / Sc		50-400/1998003
88-Tag outs LTA	0-Operations	M-Maint / Repair	50-400/1998004
91-Verification / p	-	M-Maint / Repair	50-400/1998004
	B-Plant Management	O-Control Room Ops	50-400/1998004
93-Awareness or att	-	O-Control Room Ops	50-400/1998006 50-400/1998006
93-Awareness or att Page: 3	Date:01/13/199	G-Design 9	50-400/1998006
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Combined IR/ER/LER Report			
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DOCKEL: 5	0-400 HARRIS 1		
		. 95	
Total Number o	f Hits in Date Range	: 85	
Total Number o From 01/01/199	f Hits in Date Range 8 to 12/31/1998	: 85	
Total Number o	f Hits in Date Range 8 to 12/31/1998	: 85	
Total Number o From 01/01/199	f Hits in Date Range 8 to 12/31/1998	: 85 Work Type	Docket/Report
Total Number o From 01/01/199 2x National Av Details	f Hits in Date Range 8 to 12/31/1998 erage: 255		Docket/Report
Total Number o From 01/01/199 2x National Av Details Work Factors IR	f Hits in Date Range 8 to 12/31/1998 erage: 255 Department		Docket/Report
Total Number o From 01/01/199 2x National Av Details Work Factors IR Number of items: 3	f Hits in Date Range 8 to 12/31/1998 erage: 255 Department 7		Docket/Report
Total Number o From 01/01/199 2x National Av Details Work Factors IR Number of items: 3 Percent of Total: 4	f Hits in Date Range 8 to 12/31/1998 erage: 255 Department 7 3.53	Work Type	
Total Number o From 01/01/199 2x National Av Details Work Factors IR Number of items: 3 Percent of Total: 4 93-Awareness or att	f Hits in Date Range 8 to 12/31/1998 erage: 255 Department 7 3.53 G-Engineering	Work Type G-Design	50-400/1998006
Total Number o From 01/01/199 2x National Av Details Work Factors IR Number of items: 3 Percent of Total: 4 93-Awareness or att 81-Work Package Qua	f Hits in Date Range 8 to 12/31/1998 erage: 255 Department 7 3.53 G-Engineering G-Engineering	Work Type G-Design G-Design	50-400/1998006 50-400/1998006
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Total Number o From 01/01/199 2x National Av Details Work Factors IR Number of items: 3 Percent of Total: 4 93-Awareness or att 81-Work Package Qua 93-Awareness or att 84-Non-conserv. dec 81-Work Package Qua 85-Team interaction	f Hits in Date Range 8 to 12/31/1998 erage: 255 Department 7 3.53 G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering	Work Type G-Design G-Design A-Administrative V-Troubleshooting F-Modification Z-Other	50-400/1998006 50-400/1998006 50-400/1998006 50-400/1998008 50-400/1998008 50-400/1998008 50-400/1998008
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Total Number o From 01/01/199 2x National Av Details Work Factors IR Number of items: 3 Percent of Total: 4 93-Awareness or att 81-Work Package Qua 93-Awareness or att 84-Non-conserv. dec 81-Work Package Qua 85-Team interaction	f Hits in Date Range 8 to 12/31/1998 erage: 255 Department 7 3.53 G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering S-Engineering C-Engineering S-Other	Work Type G-Design G-Design A-Administrative V-Troubleshooting F-Modification Z-Other	50-400/1998006 50-400/1998006 50-400/1998006 50-400/1998008 50-400/1998008 50-400/1998008 50-400/1998008
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Total Number o From 01/01/199 2x National Av Details Work Factors IR Number of items: 3 Percent of Total: 4 93-Awareness or att 81-Work Package Qua 93-Awareness or att 84-Non-conserv. dec 81-Work Package Qua 85-Team interaction 93-Awareness or att 93-Awareness or att	f Hits in Date Range 8 to 12/31/1998 erage: 255 Department 7 3.53 G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering Z-Other Z-Other	Work Type G-Design G-Design A-Administrative V-Troubleshooting F-Modification Z-Other A-Administrative	50-400/1998006 50-400/1998006 50-400/1998006 50-400/1998008 50-400/1998008 50-400/1998008 50-400/1998008 50-400/1998012
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Total Number o From 01/01/199 2x National Av Details Work Factors IR Number of items: 3 Percent of Total: 4 93-Awareness or att 81-Work Package Qua 93-Awareness or att 84-Non-conserv. dec 81-Work Package Qua 85-Team interaction 93-Awareness or att 93-Awareness or att 93-Awareness or att 93-Awareness or att Work Factors ER Number of items: 0 Percent of total: 0 Work Factors LER Number of items: 1	f Hits in Date Range 8 to 12/31/1998 erage: 255 Department 7 3.53 G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering Z-Other Z-Other	Work Type G-Design G-Design A-Administrative V-Troubleshooting F-Modification Z-Other A-Administrative	50-400/1998006 50-400/1998006 50-400/1998006 50-400/1998008 50-400/1998008 50-400/1998008 50-400/1998008 50-400/1998012
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Total Number o From 01/01/199 2x National Av Details Work Factors IR Number of items: 3 Percent of Total: 4 93-Awareness or att 81-Work Package Qua 81-Work Package Qua 93-Awareness or att 84-Non-conserv. dec 81-Work Package Qua 85-Team interaction 93-Awareness or att 93-Awareness or at	f Hits in Date Range 8 to 12/31/1998 erage: 255 Department 7 3.53 G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering Z-Other Z-Other 2-Other	Work Type G-Design G-Design A-Administrative V-Troubleshooting F-Modification Z-Other A-Administrative A-Administrative	50-400/1998006 50-400/1998006 50-400/1998006 50-400/1998008 50-400/1998008 50-400/1998008 50-400/1998008 50-400/1998012
Total Number o From 01/01/199 2x National Av Details Work Factors IR Number of items: 3 Percent of Total: 4 93-Awareness or att 81-Work Package Qua 93-Awareness or att 84-Non-conserv. dec 81-Work Package Qua 85-Team interaction 93-Awareness or att 93-Awareness or at	f Hits in Date Range 8 to 12/31/1998 erage: 255 Department 7 3.53 G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering Z-Other Z-Other	Work Type G-Design G-Design A-Administrative V-Troubleshooting F-Modification Z-Other A-Administrative A-Administrative	50-400/1998006 50-400/1998006 50-400/1998006 50-400/1998008 50-400/1998008 50-400/1998008 50-400/1998012 50-400/1998012

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[End of File for Plant Docket 400 (1998)]