1997 Human Factors Information System Report for Plant Docket 499

Combined IR/ER/LER Report Docket: 50-499 SOUTH TEXAS 2 Total Number of Hits in Date Range: 104 From 01/01/1997 to 12/31/1997 2x National Average: 213 Details Department Work Type Docket/Report Communications IR Number of items: 3 Percent of total: 2.88 54-No communication O-Operations O-Control Room Ops 50-499/1997001 0-Operations 53-Communication LT O-Operations H-Health Physics 50-499/1997002 0-Operations M-Maint / Repair 54-No communication M-Mechanical 50-499/1997005 M-Mechanical Communications ER Number of items: 0 Percent of total: 0 Communications LER Number of items: 2 Percent of total: 1.92 53-Communication LT U-Unknown T-Testing 50-499/199700300 53-Communication LT U-Unknown T-Testing 50-499/199700300 Human-System Interface and Environm IR Number of items: 2 Percent of total: 1.92 76-Postings LTA H-Health Physics H-Health Physics 50-499/1997005 61-Labels LTA 0-Operations B-Bal of Plant Ops 50-499/1997007 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: 20 Percent of total: 19.23 M-Maint / Repair 50-499/1996024 40-Individual Corre G-Engineering 48-Audits or proble G-Engineering Z-Other 50-499/1996024 S-Surveillance 50-499/1997002 40-Individual Corre O-Operations 32-Supervision / co O-Operations M-Maint / Repair 50-499/1997005 32-Supervision / co O-Operations M-Maint / Repair 50-499/1997006 40-Individual Corre O-Operations Z-Other 50-499/1997006 40-Individual Corre G-Engineering Z-Other 50-499/1997006 41-Action not begun G-Engineering G-Design 50-499/1997016 47-Root Cause LTA M-Mechanical Z-Other 50-499/1997023 40-Individual Corre M-Mechanical Z-Other 50-499/1997023 32-Supervision / co G-Engineering F-Modification 50-499/1997024 Date:08/05/1998 Page: 1 Combined IR/ER/LER Report Docket: 50-499 SOUTH TEXAS 2 Total Number of Hits in Date Range: 104 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: 20 Percent of Total: 19.23 32-Supervision / co G-Engineering G-Design 50-499/1997024

Human Factors Information System Report

40-Individual Corre 40-Individual Corre 32-Supervision / co 40-Individual Corre 40-Individual Corre	G-Engineering O-Operations T-Training	G-Design G-Design Z-Other Z-Other Z-Other	50-499/1997024 50-499/1997024 50-499/1997301 50-499/1997301 50-499/1997301
Management and Super Number of items: 0 Percent of total: 0	rvision ER		
Management and Supe: Number of items: 0 Percent of total: 0	rvision LER		
Organizational Issue Number of items: 0 Percent of total: 0	es IR		
Organizational Issue Number of items: 0 Percent of total: 0	es ER		
Organizational Issue Number of items: 0 Percent of total: 0	es LER		
Procedures and Refer Number of items: 20 Percent of total: 15	0		
12-Procedure techni 12-Procedure techni	G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering T-Training rence Document ER	G-Design A-Administrative P-Procedure Dev P-Procedure Dev O-Control Room Ops G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design A-Administrative	50-499/1996024 50-499/1996024 50-499/1996024 50-499/1996024 50-499/1997001 50-499/1997005 50-499/1997005 50-499/1997006 50-499/1997006 50-499/1997024 50-499/1997024 50-499/1997024 50-499/1997024 50-499/1997024 50-499/1997024 50-499/1997024
	IR/ER/LER Report 0-499 SOUTH TEXAS 2		
	f Hits in Date Range 7 to 12/31/1997 erage: 213	: 104	
Details	Department	Work Type	Docket/Report
Training IR Number of items: 6 Percent of Total: 5 01-No Training 05-Individual knowl 03-Training process 03-Training process 06-Simulator fideli	O-Operations M-Mechanical T-Training T-Training T-Training	O-Control Room Ops M-Maint / Repair Z-Other Z-Other Z-Other Z-Other	50-499/1997003 50-499/1997005 50-499/1997020 50-499/1997020 50-499/1997301 50-499/1997301

Human Factors Information System Report

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Training ER Number of items: 0			
Percent of total: (
fercent of cotar.			
Training LER			
Number of items: 1			
Percent of total: .			
02-Training LTA		T-Testing	50-498/199700200
02 Haining Lin	i inperamentation a	i iebeing	50 1907 1997 00200
Work Factors IR			
Number of items: 5	0		
Percent of total: 4			
84-Non-conserv. dec	0-Operations	U-Unknown	50-499/1996009
92-Self check LTA	M-Mechanical	M-Maint / Repair	50-499/1996024
93-Awareness or att	G-Engineering	G-Design	50-499/1996024
81-Work Package Qua	5 5	G-Design	50-499/1996024
87-Non-conservati G		-Modification !	50-499/1996024
83-Work practice or		U-Unknown	50-499/1996024
87-Non-conservati G	-Engineering F	-Modification !	50-499/1996024
82-Briefing, prep.	0-Operations	O-Control Room Ops	50-499/1997001
83-Work practice or	M-Mechanical	V-Troubleshooting	50-499/1997002
83-Work practice or	E-Electrical	M-Maint / Repair	50-499/1997002
83-Work practice or	0-Operations	S-Surveillance	50-499/1997002
89-Housekeeping LTA	U-Unknown	M-Maint / Repair	50-499/1997002
83-Work practice or	Z-Other	Z-Other	50-499/1997002
93-Awareness or att	0-Operations	A-Administrative	50-499/1997005
93-Awareness or att	0-Operations	A-Administrative	50-499/1997005
93-Awareness or att	0-Operations	O-Control Room Ops	50-499/1997005
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-499/1997005
88-Tag outs LTA	0-Operations	M-Maint / Repair	50-499/1997005
83-Work practice or	G-Engineering	G-Design	50-499/1997005
82-Briefing, prep.	0-Operations	M-Maint / Repair	50-499/1997006
84-Non-conserv. dec		M-Maint / Repair	50-499/1997006
92-Self check LTA	0-Operations	M-Maint / Repair	50-499/1997006
92-Self check LTA	0-Operations	B-Bal of Plant Ops	50-499/1997006
88-Tag outs LTA	0-Operations	S-Surveillance	50-499/1997006
84-Non-conserv. dec		T-Testing	50-499/1997006
83-Work practice or	0-Operations	H-Health Physics	50-499/1997006
84-Non-conserv. dec		F-Modification	50-499/1997006
83-Work practice or	I-Instrumentation &	H-Health Physics	50-499/1997007
83-Work practice or 83-Work practice or	r I-Instrumentation & r I-Instrumentation &	H-Health Physics A-Administrative	50-499/1997007 50-499/1997007
83-Work practice or 83-Work practice or 83-Work practice or	FI-Instrumentation & FI-Instrumentation & FO-Operations	H-Health Physics A-Administrative Z-Other	50-499/1997007 50-499/1997007 50-499/1997020
83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or	I-Instrumentation & I-Instrumentation & O-Operations O-Operations	H-Health Physics A-Administrative Z-Other Z-Other	50-499/1997007 50-499/1997007
83-Work practice or 83-Work practice or 83-Work practice or	FI-Instrumentation & FI-Instrumentation & FO-Operations	H-Health Physics A-Administrative Z-Other Z-Other	50-499/1997007 50-499/1997007 50-499/1997020
83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or	I-Instrumentation & I-Instrumentation & O-Operations O-Operations	H-Health Physics A-Administrative Z-Other Z-Other	50-499/1997007 50-499/1997007 50-499/1997020
83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or Page: 3	I-Instrumentation & I-Instrumentation & O-Operations O-Operations Date:08/05/199	H-Health Physics A-Administrative Z-Other Z-Other	50-499/1997007 50-499/1997007 50-499/1997020
83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or Page: 3 Combined	I-Instrumentation & I-Instrumentation & O-Operations Date:08/05/199 IR/ER/LER Report	H-Health Physics A-Administrative Z-Other Z-Other	50-499/1997007 50-499/1997007 50-499/1997020
83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or Page: 3 Combined	I-Instrumentation & I-Instrumentation & O-Operations O-Operations Date:08/05/199	H-Health Physics A-Administrative Z-Other Z-Other	50-499/1997007 50-499/1997007 50-499/1997020
83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or Page: 3 Combined Docket: 5	I-Instrumentation & I-Instrumentation & O-Operations Date:08/05/199 IR/ER/LER Report 0-499 SOUTH TEXAS 2	H-Health Physics A-Administrative Z-Other Z-Other 8	50-499/1997007 50-499/1997007 50-499/1997020
83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or Page: 3 Combined Docket: 5 Total Number of	I-Instrumentation & I-Instrumentation & O-Operations Date:08/05/199 IR/ER/LER Report 0-499 SOUTH TEXAS 2 of Hits in Date Range	H-Health Physics A-Administrative Z-Other Z-Other 8	50-499/1997007 50-499/1997007 50-499/1997020
83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or Page: 3 Combined Docket: 5 Total Number of From 01/01/199	I-Instrumentation & I-Instrumentation & O-Operations Date:08/05/199 IR/ER/LER Report 0-499 SOUTH TEXAS 2 Of Hits in Date Range 7 to 12/31/1997	H-Health Physics A-Administrative Z-Other Z-Other 8	50-499/1997007 50-499/1997007 50-499/1997020
83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or Page: 3 Combined Docket: 5 Total Number of	I-Instrumentation & I-Instrumentation & O-Operations Date:08/05/199 IR/ER/LER Report 0-499 SOUTH TEXAS 2 Of Hits in Date Range 7 to 12/31/1997	H-Health Physics A-Administrative Z-Other Z-Other 8	50-499/1997007 50-499/1997007 50-499/1997020
83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or Page: 3 Combined Docket: 5 Total Number of From 01/01/195 2x National Av	<pre>F I-Instrumentation & F I-Instrumentation & O-Operations Date:08/05/199 IR/ER/LER Report 0-499 SOUTH TEXAS 2 Of Hits in Date Range 7 to 12/31/1997 rerage: 213</pre>	H-Health Physics A-Administrative Z-Other Z-Other 8	50-499/1997007 50-499/1997007 50-499/1997020 50-499/1997020
83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or Page: 3 Combined Docket: 5 Total Number of From 01/01/199	I-Instrumentation & I-Instrumentation & O-Operations Date:08/05/199 IR/ER/LER Report 0-499 SOUTH TEXAS 2 Of Hits in Date Range 7 to 12/31/1997	H-Health Physics A-Administrative Z-Other Z-Other 8	50-499/1997007 50-499/1997007 50-499/1997020
83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or Page: 3 Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details	<pre>F I-Instrumentation & F I-Instrumentation & O-Operations Date:08/05/199 IR/ER/LER Report 0-499 SOUTH TEXAS 2 Of Hits in Date Range 7 to 12/31/1997 rerage: 213</pre>	H-Health Physics A-Administrative Z-Other Z-Other 8	50-499/1997007 50-499/1997007 50-499/1997020 50-499/1997020
83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or Page: 3 Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR	I-Instrumentation & I-Instrumentation & O-Operations Date:08/05/199 IR/ER/LER Report 0-499 SOUTH TEXAS 2 of Hits in Date Range 7 to 12/31/1997 rerage: 213 Department	H-Health Physics A-Administrative Z-Other Z-Other 8	50-499/1997007 50-499/1997007 50-499/1997020 50-499/1997020
83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or Page: 3 Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 5	I-Instrumentation & I-Instrumentation & O-Operations Date:08/05/199 IR/ER/LER Report 0-499 SOUTH TEXAS 2 of Hits in Date Range 7 to 12/31/1997 rerage: 213 Department	H-Health Physics A-Administrative Z-Other Z-Other 8	50-499/1997007 50-499/1997007 50-499/1997020 50-499/1997020
83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or Page: 3 Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 5 Percent of Total: 4	I-Instrumentation & I-Instrumentation & O-Operations Date:08/05/199 IR/ER/LER Report 0-499 SOUTH TEXAS 2 of Hits in Date Range 7 to 12/31/1997 rerage: 213 Department	H-Health Physics A-Administrative Z-Other Z-Other 8 : 104 Work Type	50-499/1997007 50-499/1997007 50-499/1997020 50-499/1997020 Docket/Report
83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or Page: 3 Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att	<pre>I-Instrumentation & I-Instrumentation & O-Operations Date:08/05/199 IR/ER/LER Report 0-499 SOUTH TEXAS 2 of Hits in Date Range 7 to 12/31/1997 rerage: 213 Department 0 8.08 T-Training</pre>	H-Health Physics A-Administrative Z-Other Z-Other 8 : 104 Work Type Z-Other	50-499/1997007 50-499/1997020 50-499/1997020 50-499/1997020 Docket/Report
83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or Page: 3 Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 81-Work Package Qua	<pre>I-Instrumentation & I-Instrumentation & O-Operations Date:08/05/199 IR/ER/LER Report 0-499 SOUTH TEXAS 2 of Hits in Date Range 7 to 12/31/1997 rerage: 213 Department 0 8.08 T-Training G-Engineering</pre>	H-Health Physics A-Administrative Z-Other Z-Other 8 : 104 Work Type Z-Other F-Modification	50-499/1997007 50-499/1997020 50-499/1997020 50-499/1997020 Docket/Report
<pre>83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or Page: 3 Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 81-Work Package Qua 81-Work Package Qua</pre>	<pre>I-Instrumentation & I-Instrumentation & O-Operations Date:08/05/199 IR/ER/LER Report 00-499 SOUTH TEXAS 2 of Hits in Date Range 7 to 12/31/1997 rerage: 213 Department 0 8.08 T-Training G-Engineering G-Engineering</pre>	H-Health Physics A-Administrative Z-Other Z-Other 8 : 104 Work Type Z-Other F-Modification F-Modification	50-499/1997007 50-499/1997020 50-499/1997020 50-499/1997020 Docket/Report 50-499/1997020 50-499/1997023 50-499/1997023 50-499/1997024
<pre>83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or Page: 3 Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 81-Work Package Qua 81-Work Package Qua</pre>	<pre>I-Instrumentation & I-Instrumentation & O-Operations Date:08/05/199 IR/ER/LER Report 0-499 SOUTH TEXAS 2 of Hits in Date Range 7 to 12/31/1997 rerage: 213 Department 0 8.08 T-Training G-Engineering G-Engineering G-Engineering</pre>	H-Health Physics A-Administrative Z-Other Z-Other 8 : 104 Work Type Z-Other F-Modification F-Modification F-Modification	50-499/1997007 50-499/1997007 50-499/1997020 50-499/1997020 Docket/Report 50-499/1997020 50-499/1997023 50-499/1997024
<pre>83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or Page: 3 Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 81-Work Package Qua 81-Work Package Qua 83-Work practice or</pre>	<pre>I-Instrumentation & I-Instrumentation & O-Operations Date:08/05/199 IR/ER/LER Report 0-499 SOUTH TEXAS 2 Of Hits in Date Range 7 to 12/31/1997 rerage: 213 Department 0 8.08 T-Training G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering</pre>	H-Health Physics A-Administrative Z-Other Z-Other 8 : 104 Work Type Z-Other F-Modification F-Modification F-Modification F-Modification	50-499/1997007 50-499/1997020 50-499/1997020 50-499/1997020 Docket/Report 50-499/1997020 50-499/1997023 50-499/1997024 50-499/1997024
<pre>83-Work practice or 83-Work practice or 83-Work practice or 83-Work practice or Page: 3 Combined Docket: 5 Total Number of From 01/01/195 2x National Av Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 81-Work Package Qua 81-Work Package Qua 83-Work practice or 83-Work practice or 83-Work practice or</pre>	<pre>I-Instrumentation & I-Instrumentation & O-Operations Date:08/05/199 IR/ER/LER Report 0-499 SOUTH TEXAS 2 of Hits in Date Range 7 to 12/31/1997 rerage: 213 Department 0 8.08 I-Training G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering</pre>	H-Health Physics A-Administrative Z-Other 8 : 104 Work Type Z-Other F-Modification F-Modification F-Modification F-Modification F-Modification	50-499/1997007 50-499/1997020 50-499/1997020 50-499/1997020 Docket/Report 50-499/1997020 50-499/1997023 50-499/1997024 50-499/1997024 50-499/1997024
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