

1999 Human Factors Information System Report for Plant Docket 498

Combined IR/ER/LER Report
Docket: 50-498 SOUTH TEXAS 1

Total Number of Hits in Date Range: 150
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: 2.67			
53-Communication LT	G-Engineering G-Engineering	V-Troubleshooting	50-498/1998015
51-Misunderstood /	O-Operations O-Operations	O-Control Room Ops	50-498/1999013
53-Communication LT	O-Operations O-Operations	V-Troubleshooting	50-498/1999016
53-Communication LT	O-Operations O-Operations	V-Troubleshooting	50-498/1999016
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 1			
Percent of total: .67			
51-Misunderstood /	O-Operations O-Operations	O-Control Room Ops	50-498/199900300
Human-System Interface and Environm IR			
Number of items: 1			
Percent of total: .67			
62-Information orga	H-Health Physics	D-Emergency Drill	50-498/1999009
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: 7			
Percent of total: 4.67			
41-Action not begun	O-Operations	Z-Other	50-498/1998919
40-Individual Corre	G-Engineering	Z-Other	50-498/1998919
41-Action not begun	P-Procedure Writers	P-Procedure Dev	50-498/1999006
36-Scheduling and p	H-Health Physics	H-Health Physics	50-498/1999007
32-Supervision / co	O-Operations	O-Control Room Ops	50-498/1999013
33-Management expec	O-Operations	O-Control Room Ops	50-498/1999014
40-Individual Corre	F-Fuel Handling	Z-Other	50-498/1999014
Management and Supervision ER			
Number of items: 0			
Percent of total: 0			
Management and Supervision LER			
Number of items: 0			
Percent of total: 0			
Organizational Issues IR			
Number of items: 1			
Percent of total: .67			
22-Poor Task Alloca	G-Engineering	G-Design	50-498/1998015
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: 26
 Percent of total: 17.33
 Page: 1 Date:03/17/2000

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Details	Department	Work Type	Docket/Report
Procedures and Reference Document IR			
Number of items: 26			
Percent of Total: 17.33			
12-Procedure techni	G-Engineering	S-Surveillance	50-498/1998011
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-498/1998015
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-498/1998015
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-498/1998015
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-498/1998015
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-498/1998015
12-Procedure techni	G-Engineering	G-Design	50-498/1998919
12-Procedure techni	G-Engineering	G-Design	50-498/1998919
13-Procedure has hu	G-Engineering	G-Design	50-498/1998919
11-No procedure / r	G-Engineering	G-Design	50-498/1998919
13-Procedure has hu	G-Engineering	G-Design	50-498/1998919
13-Procedure has hu	G-Engineering	G-Design	50-498/1998919
13-Procedure has hu	G-Engineering	G-Design	50-498/1998919
14-Document develop	G-Engineering	G-Design	50-498/1998919
11-No procedure / r	G-Engineering	G-Design	50-498/1999004
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-498/1999006
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-498/1999006
13-Procedure has hu	D-Emergency Plannin	D-Emergency Drill	50-498/1999009
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-498/1999010
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-498/1999013
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-498/1999013
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-498/1999016
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-498/1999016
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-498/1999016
13-Procedure has hu	G-Engineering	G-Design	50-498/1999016

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

Procedures and Reference Document LER
 Number of items: 2
 Percent of total: 1.33
 14-Document develop I-Instrumentation & P-Procedure Dev 50-498/199900200
 12-Procedure techni M-Mechanical T-Testing 50-498/199900500

Training IR
 Number of items: 22
 Percent of total: 14.67
 05-Individual knowl O-Operations S-Surveillance 50-498/1998011
 02-Training LTA T-Training S-Surveillance 50-498/1998011
 05-Individual knowl O-Operations P-Procedure Dev 50-498/1998015
 05-Individual knowl O-Operations O-Control Room Ops 50-498/1998015
 05-Individual knowl O-Operations O-Control Room Ops 50-498/1998015
 05-Individual knowl O-Operations O-Control Room Ops 50-498/1998015
 05-Individual knowl O-Operations O-Control Room Ops 50-498/1998015
 05-Individual knowl O-Operations O-Control Room Ops 50-498/1998015
 05-Individual knowl O-Operations O-Control Room Ops 50-498/1998015
 05-Individual knowl O-Operations S-Surveillance 50-498/1998015

Page: 2 Date:03/17/2000

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Training IR			
Number of items: 22			
Percent of Total: 14.67			
05-Individual knowl	O-Operations	S-Surveillance	50-498/1998015

05-Individual knowl	E-Electrical	S-Surveillance	50-498/1998015
05-Individual knowl	G-Engineering	O-Control Room Ops	50-498/1998015
05-Individual knowl	G-Engineering	O-Control Room Ops	50-498/1998015
05-Individual knowl	O-Operations	O-Control Room Ops	50-498/1998015
05-Individual knowl	O-Operations	O-Control Room Ops	50-498/1998015
05-Individual knowl	G-Engineering	G-Design	50-498/1998919
05-Individual knowl	G-Engineering	G-Design	50-498/1998919
03-Training process	T-Training	D-Emergency Drill	50-498/1999006
05-Individual knowl	I-Instrumentation &	H-Health Physics	50-498/1999007
05-Individual knowl	G-Engineering	M-Maint / Repair	50-498/1999010
05-Individual knowl	M-Mechanical	M-Maint / Repair	50-498/1999010

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

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

Work Factors IR
Number of items: 85
Percent of total: 56.67

84-Non-conserv. dec	G-Engineering	V-Troubleshooting	50-498/1998011
84-Non-conserv. dec	G-Engineering	V-Troubleshooting	50-498/1998011
84-Non-conserv. dec	I-Instrumentation &	V-Troubleshooting	50-498/1998011
84-Non-conserv. dec	O-Operations	S-Surveillance	50-498/1998011
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-498/1998011
83-Work practice or	G-Engineering	V-Troubleshooting	50-498/1998011
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-498/1998011
83-Work practice or	G-Engineering	V-Troubleshooting	50-498/1998011
85-Team interaction	O-Operations	V-Troubleshooting	50-498/1998011
93-Awareness or att	O-Operations	O-Control Room Ops	50-498/1998015
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-498/1998015
83-Work practice or	G-Engineering	V-Troubleshooting	50-498/1998015
84-Non-conserv. dec	G-Engineering	V-Troubleshooting	50-498/1998015
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-498/1998015
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-498/1998015
91-Verification / p	O-Operations	O-Control Room Ops	50-498/1998015
91-Verification / p	O-Operations	O-Control Room Ops	50-498/1998015
93-Awareness or att	O-Operations	S-Surveillance	50-498/1998015
93-Awareness or att	O-Operations	S-Surveillance	50-498/1998015
93-Awareness or att	O-Operations	S-Surveillance	50-498/1998015
83-Work practice or	O-Operations	A-Administrative	50-498/1998015
81-Work Package Qua	G-Engineering	G-Design	50-498/1998015
93-Awareness or att	G-Engineering	G-Design	50-498/1998919
83-Work practice or	G-Engineering	G-Design	50-498/1998919
81-Work Package Qua	G-Engineering	G-Design	50-498/1998919
84-Non-conserv. dec	G-Engineering	G-Design	50-498/1998919

Page: 3 Date:03/17/2000

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Work Factors IR			
Number of items: 85			
Percent of Total: 56.67			
84-Non-conserv. dec	G-Engineering	G-Design	50-498/1998919
81-Work Package Qua	G-Engineering	G-Design	50-498/1998919
84-Non-conserv. dec	G-Engineering	G-Design	50-498/1998919
83-Work practice or	G-Engineering	G-Design	50-498/1998919
93-Awareness or att	G-Engineering	G-Design	50-498/1998919
93-Awareness or att	G-Engineering	A-Administrative	50-498/1998919
84-Non-conserv. dec	G-Engineering	G-Design	50-498/1998919
84-Non-conserv. dec	G-Engineering	M-Maint / Repair	50-498/1998919
93-Awareness or att	G-Engineering	G-Design	50-498/1998919
93-Awareness or att	Z-Other	G-Design	50-498/1998919
83-Work practice or	G-Engineering	G-Design	50-498/1998919
83-Work practice or	G-Engineering	G-Design	50-498/1998919
84-Non-conserv. dec	G-Engineering	G-Design	50-498/1998919
89-Housekeeping LTA	U-Unknown	M-Maint / Repair	50-498/1999002
94-Log-keeping or r	O-Operations	Z-Other	50-498/1999002
94-Log-keeping or r	O-Operations	Z-Other	50-498/1999002
94-Log-keeping or r	O-Operations	S-Surveillance	50-498/1999002
81-Work Package Qua	G-Engineering	G-Design	50-498/1999004
81-Work Package Qua	G-Engineering	G-Design	50-498/1999004

Human Factors Information System Report

81-Work Package Qua	G-Engineering	G-Design	50-498/1999004
81-Work Package Qua	G-Engineering	G-Design	50-498/1999004
81-Work Package Qua	G-Engineering	G-Design	50-498/1999004
81-Work Package Qua	G-Engineering	G-Design	50-498/1999004
81-Work Package Qua	G-Engineering	G-Design	50-498/1999004
81-Work Package Qua	G-Engineering	G-Design	50-498/1999004
93-Awareness or att	I-Instrumentation &	V-Troubleshooting	50-498/1999006
85-Team interaction	G-Engineering	R-Refueling	50-498/1999006
85-Team interaction	F-Fuel Handling	R-Refueling	50-498/1999006
94-Log-keeping or r	F-Fuel Handling	R-Refueling	50-498/1999006
93-Awareness or att	W-Work Control / Sc	T-Testing	50-498/1999006
83-Work practice or	I-Instrumentation &	H-Health Physics	50-498/1999007
83-Work practice or	I-Instrumentation &	H-Health Physics	50-498/1999007
83-Work practice or	H-Health Physics	H-Health Physics	50-498/1999007
93-Awareness or att	H-Health Physics	A-Administrative	50-498/1999007
93-Awareness or att	H-Health Physics	A-Administrative	50-498/1999007
83-Work practice or	M-Mechanical	M-Maint / Repair	50-498/1999010
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-498/1999011
93-Awareness or att	F-Fuel Handling	R-Refueling	50-498/1999011
93-Awareness or att	F-Fuel Handling	R-Refueling	50-498/1999011
93-Awareness or att	F-Fuel Handling	R-Refueling	50-498/1999011
81-Work Package Qua	G-Engineering	F-Modification	50-498/1999011
85-Team interaction	G-Engineering	F-Modification	50-498/1999011
81-Work Package Qua	G-Engineering	F-Modification	50-498/1999011
93-Awareness or att	G-Engineering	F-Modification	50-498/1999011
91-Verification / p	G-Engineering	F-Modification	50-498/1999011
93-Awareness or att	O-Operations	O-Control Room Ops	50-498/1999013
93-Awareness or att	O-Operations	O-Control Room Ops	50-498/1999013
81-Work Package Qua	O-Operations	B-Bal of Plant Ops	50-498/1999014
81-Work Package Qua	O-Operations	B-Bal of Plant Ops	50-498/1999014
81-Work Package Qua	O-Operations	B-Bal of Plant Ops	50-498/1999014

Page: 4 Date:03/17/2000

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Number of items: 85			
Percent of Total: 56.67			
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-498/1999014
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-498/1999014
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-498/1999014
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-498/1999016
86-Work untimely	O-Operations	V-Troubleshooting	50-498/1999016
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-498/1999016
85-Team interaction	O-Operations	D-Emergency Drill	50-498/1999016
85-Team interaction	O-Operations	D-Emergency Drill	50-498/1999016
85-Team interaction	O-Operations	D-Emergency Drill	50-498/1999016

Work Factors ER
Number of items: 0
Percent of total: 0

Work Factors LER
Number of items: 1
Percent of total: .67
84-Non-conserv. dec M-Mechanical T-Testing 50-498/199900500
Page: 5 Date:03/17/2000

[End of File for Plant Docket 498 (1999)]