# **1999 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: 122 From 01/01/1999 to 12/31/1999 2x National Average: 226 Details Department Work Type Docket/Report Communications IR Number of items: 1 Percent of total: .82 53-Communication LT O-Operations V-Troubleshooting 50-499/1999016 0-Operations Communications ER Number of items: 0 Percent of total: 0 Communications LER Number of items: 1 Percent of total: .82 F-Modification 51-Misunderstood / O-Operations 50-499/199900400 0-Operations Human-System Interface and Environm IR Number of items: 2 Percent of total: 1.64 62-Information orga O-Operations V-Troubleshooting 50-499/1999002 62-Information orga H-Health Physics D-Emergency Drill 50-499/1999009 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: 4 Percent of total: 3.28 40-Individual Corre G-Engineering 50-499/1998919 Z-Other 32-Supervision / co O-Operations M-Maint / Repair 50-499/1999002 O-Control Room Ops 50-499/1999014 33-Management expec O-Operations -Z-Other 40-Individual Corre F-Fuel Handling 50-499/1999014 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: 2 Percent of total: 1.64 V-Troubleshooting 27-Excessive hours O-Operations 50-499/1999002 27-Excessive hours O-Operations V-Troubleshooting 50-499/1999002 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: 29 Percent of total: 23.77 Page: 1 Date:03/17/2000 Combined IR/ER/LER Report

Docket: 50-499 SOUTH TEXAS 2

## Human Factors Information System Report

Total Number of Hits in Date Range: 122 From 01/01/1999 to 12/31/1999 2x National Average: 226

Details	Department	Work Type	Docket/Report		
Procedures and Reference Document IR Number of items: 29					
Number of items: 2 Percent of Total: 2 12-Procedure techni 13-Procedure techni 13-Procedure has hu 13-Procedure has hu 13-Procedure has hu 12-Procedure techni 12-Procedure techni 12-Procedure techni 13-Procedure has hu 11-No procedure / r 13-Procedure has hu 13-Procedure has hu 13-Procedure has hu 14-Document develop 11-No procedure / r 11-No procedure / r 13-Procedure has hu 2-Procedure has hu 12-Procedure has hu 12-Procedure has hu 13-Procedure has hu 12-Procedure has hu 13-Procedure has hu 13-Procedure has hu 13-Procedure has hu	9 3.77 G-Engineering P-Procedure Writers P-Procedure Writers P-Procedure Writers P-Procedure Writers P-Procedure Writers G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering P-Procedure Writers P-Procedure Writers	P-Procedure Dev P-Procedure Dev P-Procedure Dev P-Procedure Dev G-Design G-Design G-Design G-Design G-Design G-Design G-Design P-Procedure Dev P-Procedure Dev	50-499/1998011 50-499/1998015 50-499/1998015 50-499/1998015 50-499/1998015 50-499/1998015 50-499/1998015 50-499/1998019 50-499/1998919 50-499/1998919 50-499/1998919 50-499/1998919 50-499/1998919 50-499/1998919 50-499/1998919 50-499/1998002 50-499/1999002 50-499/1999004 50-499/1999004 50-499/1999006 50-499/1999006 50-499/1999000 50-499/1999010 50-499/1999010 50-499/1999013		
13-Procedure has hu 13-Procedure has hu 13-Procedure has hu	P-Procedure Writers P-Procedure Writers P-Procedure Writers P-Procedure Writers	P-Procedure Dev P-Procedure Dev P-Procedure Dev	50-499/1999013 50-499/1999014 50-499/1999016 50-499/1999016		
	P-Procedure Writers G-Engineering		50-499/1999016 50-499/1999016		
Procedures and Refe: Number of items: 0 Percent of total: 0	rence Document ER				
Procedures and Refer Number of items: 4 Percent of total: 3 12-Procedure techni 12-Procedure techni 12-Procedure techni 12-Procedure techni	.28 E-Electrical E-Electrical O-Operations	T-Testing T-Testing F-Modification O-Control Room Ops	50-499/199900100 50-499/199900300 50-499/199900400 50-499/199900600		
Training IR Number of items: 15 Percent of total: 12.3 02-Training LTA T-Training S-Surveillance 50-499/1998011					
05-Individual knowl 05-Individual knowl 05-Individual knowl 05-Individual knowl Page: 2	G-Engineering G-Engineering O-Operations	V-Troubleshooting V-Troubleshooting P-Procedure Dev O-Control Room Ops	50-499/1998011 50-499/1998011 50-499/1998015 50-499/1998015		
Combined IR/ER/LER Report Docket: 50-499 SOUTH TEXAS 2					
Total Number of Hits in Date Range: 122 From 01/01/1999 to 12/31/1999 2x National Average: 226					
Details	Department	Work Type	Docket/Report		
Training IR Number of items: 1 Percent of Total: 1 05-Individual knowl 05-Individual knowl 05-Individual knowl 02-Training LTA 05-Individual knowl 05-Individual knowl 05-Individual knowl	2.3 O-Operations G-Engineering O-Operations T-Training O-Operations O-Operations	O-Control Room Ops G-Design G-Design V-Troubleshooting B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair O-Control Room Ops	50-499/1998015 50-499/1998919 50-499/1998919 50-499/1999002 50-499/1999002 50-499/1999006 50-499/1999006 50-499/1999006		

## Human Factors Information System Report

05-Individual knowl 03-Training process	-	O-Control Room Ops D-Emergency Drill	50-499/1999006 50-499/1999006
Training ER Number of items: 0 Percent of total: 0			
Training LER Number of items: 2			
Percent of total: 1 02-Training LTA 02-Training LTA	.64 E-Electrical O-Operations	T-Testing O-Control Room Ops	50-499/199900300 50-499/199900600
Work Factors IR Number of items: 6 Percent of total: 5			
93-Awareness or att 83-Work practice or 81-Work Package Qua 84-Non-conserv. dec 84-Non-conserv. dec	G-Engineering G-Engineering G-Engineering G-Engineering	G-Design G-Design G-Design G-Design G-Design	50-499/1998011 50-499/1998919 50-499/1998919 50-499/1998919 50-499/1998919 50-499/1998919
81-Work Package Qua		G-Design	50-499/1998919
84-Non-conserv. dec 83-Work practice or		G-Design G-Design	50-499/1998919 50-499/1998919
93-Awareness or att	5 5	G-Design	50-499/1998919
93-Awareness or att	5 5	A-Administrative	50-499/1998919
84-Non-conserv. dec 84-Non-conserv. dec	5 5	G-Design M-Maint / Repair	50-499/1998919 50-499/1998919
93-Awareness or att		G-Design	50-499/1998919
93-Awareness or att		G-Design	50-499/1998919
83-Work practice or 83-Work practice or	5	G-Design G-Design	50-499/1998919 50-499/1998919
92-Self check LTA		V-Troubleshooting	50-499/1999002
92-Self check LTA	0-Operations	V-Troubleshooting	50-499/1999002
84-Non-conserv. dec 84-Non-conserv. dec	-	V-Troubleshooting V-Troubleshooting	50-499/1999002 50-499/1999002
82-Briefing, prep.	0-Operations	V-Troubleshooting	50-499/1999002
91-Verification / p		M-Maint / Repair	50-499/1999002
82-Briefing, prep. 94-Log-keeping or r		M-Maint / Repair Z-Other	50-499/1999002 50-499/1999002
94-Log-keeping or r	-	Z-Other	50-499/1999002
Page: 3	Date:03/17/200	0	
5	Date:03/17/200 IR/ER/LER Report	0	
Combined Docket: 5	IR/ER/LER Report 0-499 SOUTH TEXAS 2		
Combined Docket: 5 Total Number c	IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999		
Combined Docket: 5 Total Number c From 01/01/199	IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999		Docket/Report
Combined Docket: 5 Total Number c From 01/01/199 2x National Av	IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1	: 122	Docket/Report
Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 6 Percent of Total: 5 94-Log-keeping or r	IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1 0. 0-Operations	: 122 Work Type Z-Other	50-499/1999002
Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 6 Percent of Total: 5 94-Log-keeping or r 94-Log-keeping or r	IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1 0. 0-Operations 0-Operations	: 122 Work Type Z-Other S-Surveillance	50-499/1999002 50-499/1999002
Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 6 Percent of Total: 5 94-Log-keeping or r 94-Log-keeping or r 93-Awareness or att 93-Awareness or att	IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1 0. 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations	: 122 Work Type Z-Other	50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999002
Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 6 Percent of Total: 5 94-Log-keeping or r 94-Log-keeping or r 93-Awareness or att 93-Awareness or att 81-Work Package Qua	<pre>IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1 0. 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering</pre>	: 122 Work Type Z-Other S-Surveillance M-Maint / Repair M-Maint / Repair G-Design	50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999004
Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 6 Percent of Total: 5 94-Log-keeping or r 94-Log-keeping or r 93-Awareness or att 33-Awareness or att 81-Work Package Qua	<pre>IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1 0. 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering</pre>	: 122 Work Type Z-Other S-Surveillance M-Maint / Repair M-Maint / Repair	50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999002
Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 6 Percent of Total: 5 94-Log-keeping or r 93-Awareness or att 93-Awareness or att 81-Work Package Qua 81-Work Package Qua 81-Work Package Qua	<pre>IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1 0. 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering</pre>	: 122 Work Type Z-Other S-Surveillance M-Maint / Repair M-Maint / Repair G-Design G-Design G-Design G-Design	50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999004 50-499/1999004 50-499/1999004
Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 6 Percent of Total: 5 94-Log-keeping or r 94-Log-keeping or r 93-Awareness or att 81-Work Package Qua 81-Work Package Qua 81-Work Package Qua 81-Work Package Qua	<pre>IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1 0. 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering</pre>	: 122 Work Type Z-Other S-Surveillance M-Maint / Repair G-Design G-Design G-Design G-Design G-Design G-Design G-Design	50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004
Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 6 Percent of Total: 5 94-Log-keeping or r 93-Awareness or att 93-Awareness or att 81-Work Package Qua 81-Work Package Qua 81-Work Package Qua	<pre>IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1 0. 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering</pre>	: 122 Work Type Z-Other S-Surveillance M-Maint / Repair M-Maint / Repair G-Design G-Design G-Design G-Design	50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999004 50-499/1999004 50-499/1999004
Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 6 Percent of Total: 5 94-Log-keeping or r 94-Log-keeping or r 93-Awareness or att 93-Awareness or att 81-Work Package Qua 81-Work Package Qua	<pre>IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1 0. 0-Operations 0-Operations 0-Operations 0-Operations 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</pre>	: 122 Work Type Z-Other S-Surveillance M-Maint / Repair M-Maint / Repair G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design	50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004
Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 6 Percent of Total: 5 94-Log-keeping or r 93-Awareness or att 93-Awareness or att 81-Work Package Qua 81-Work Package Qua	<pre>IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1 0. 0-Operations 0-Operations 0-Operations 0-Operations 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 O-Operations</pre>	: 122 Work Type Z-Other S-Surveillance M-Maint / Repair M-Maint / Repair G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design	50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004
Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 6 Percent of Total: 5 94-Log-keeping or r 94-Log-keeping or r 93-Awareness or att 93-Awareness or att 81-Work Package Qua 81-Work Package Qua	<pre>IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1 0. 0-Operations 0-Operations 0-Operations 0-Operations 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 O-Operations</pre>	: 122 Work Type Z-Other S-Surveillance M-Maint / Repair M-Maint / Repair G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design G-Design	50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004
Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 6 Percent of Total: 5 94-Log-keeping or r 93-Awareness or att 33-Awareness or att 81-Work Package Qua 81-Work Package Qua 84-Non-conserv. dec 84-Non-conserv. dec 85-Tag outs LTA 94-Log-keeping or r	<pre>IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1 0. 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering O-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations</pre>	: 122 Work Type Z-Other S-Surveillance M-Maint / Repair G-Design G	50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999006 50-499/1999006 50-499/1999006
Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 6 Percent of Total: 5 94-Log-keeping or r 94-Log-keeping or r 93-Awareness or att 93-Awareness or att 81-Work Package Qua 81-Work Package Qua	<pre>IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1 0. 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering O-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations</pre>	: 122 Work Type Z-Other S-Surveillance M-Maint / Repair M-Maint / Repair G-Design G-Design G-Design G-Design G-Design G-Design O-Control Room Ops O-Control Room Ops M-Maint / Repair W-Maint / Repair V-Troubleshooting	50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006
Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 6 Percent of Total: 5 94-Log-keeping or r 94-Log-keeping or r 93-Awareness or att 93-Awareness or att 81-Work Package Qua 81-Work Package Qua	<pre>IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1 0. 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering O-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering F-Fuel Handling</pre>	: 122 Work Type Z-Other S-Surveillance M-Maint / Repair G-Design G	50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999006 50-499/1999006 50-499/1999006
Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 6 Percent of Total: 5 94-Log-keeping or r 94-Log-keeping or r 93-Awareness or att 93-Awareness or att 81-Work Package Qua 81-Work Package Qu	<pre>IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1 0. 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering O-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering F-Fuel Handling F-Fuel Handling</pre>	: 122 Work Type Z-Other S-Surveillance M-Maint / Repair M-Maint / Repair G-Design G-Resign G-	50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006
Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 6 Percent of Total: 5 94-Log-keeping or r 94-Log-keeping or r 93-Awareness or att 93-Awareness or att 81-Work Package Qua 81-Work Package Qua 85-Team interaction 94-Log-keeping or r 85-Team interaction	<pre>IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1 0. 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering O-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering F-Fuel Handling F-Fuel Handling G-Engineering</pre>	: 122 Work Type Z-Other S-Surveillance M-Maint / Repair M-Maint / Repair G-Design G-Control Room Ops M-Maint / Repair W-Maint G-Refueling R-Refueling F-Modification	50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006
Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 6 Percent of Total: 5 94-Log-keeping or r 94-Log-keeping or r 93-Awareness or att 93-Awareness or att 81-Work Package Qua 81-Work Package Qu	<pre>IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1 0. 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering O-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering F-Fuel Handling F-Fuel Handling G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering</pre>	: 122 Work Type Z-Other S-Surveillance M-Maint / Repair M-Maint / Repair G-Design G-Resign G-	50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006
Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 6 Percent of Total: 5 94-Log-keeping or r 94-Log-keeping or r 93-Awareness or att 93-Awareness or att 93-Awareness or att 81-Work Package Qua 81-Work practice or 85-Team interaction 94-Log-keeping or r 85-Team interaction 94-Log-keeping or r 85-Team interaction 94-Log-keeping or r	<pre>IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1 0. 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering F-Fuel Handling F-Fuel Handling G-Engineering 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations</pre>	: 122 Work Type Z-Other S-Surveillance M-Maint / Repair M-Maint / Repair G-Design G-Design G-Design G-Design G-Design G-Design O-Control Room Ops O-Control Room Ops O-Control Room Ops M-Maint / Repair M-Maint / Repair W-Troubleshooting R-Refueling R-Refueling R-Refueling F-Modification M-Maint / Repair B-Bal of Plant Ops	50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999001 50-499/1999011 50-499/1999013 50-499/1999013
Combined Docket: 5 Total Number of From 01/01/199 2x National Av Details Work Factors IR Number of items: 6 Percent of Total: 5 94-Log-keeping or r 94-Log-keeping or r 93-Awareness or att 33-Awareness or att 81-Work Package Qua 81-Work Package Qua 83-Work Package Qua 84-Non-conserv. dec 85-Team interaction 94-Log-keeping or r 85-Team interaction 94-Log-keeping or r	<pre>IR/ER/LER Report 0-499 SOUTH TEXAS 2 f Hits in Date Range 9 to 12/31/1999 erage: 226 Department 1 0. 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering O-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering F-Fuel Handling F-Fuel Handling G-Engineering O-Operations 0-Operations</pre>	: 122 Work Type Z-Other S-Surveillance M-Maint / Repair M-Maint / Repair G-Design G-Design G-Design G-Design G-Design O-Control Room Ops O-Control Room Ops M-Maint / Repair M-Maint / Repair W-Troubleshooting R-Refueling R-Refueling R-Refueling F-Modification F-Modification M-Maint / Repair	50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999002 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999004 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006 50-499/1999006

## Human Factors Information System Report

93-Awareness or att 93-Awareness or att 84-Non-conserv. dec 83-Work practice or 86-Work untimely 84-Non-conserv. dec 85-Team interaction 85-Team interaction	F-Fuel Handling F-Fuel Handling U-Unknown O-Operations O-Operations O-Operations O-Operations	R-Refueling R-Refueling R-Refueling H-Health Physics V-Troubleshooting D-Emergency Drill D-Emergency Drill D-Emergency Drill	50-499/1999014 50-499/1999014 50-499/1999014 50-499/1999014 50-499/1999016 50-499/1999016 50-499/1999016 50-499/1999016
Work Factors ER Number of items: 0 Percent of total: 0			
Work Factors LER Number of items: 1 Percent of total: .8 93-Awareness or att Page: 4			50-499/199900400

### [End of File for Plant Docket 499 (1999)]