1998 Human Factors Information System Report for Plant Docket 458

Combined IR/ER/LER Report Docket: 50-458 RIVER BEND 1 Total Number of Hits in Date Range: 119 From 01/01/1998 to 12/31/1998 2x National Average: 255 Details Department Work Type Docket/Report Communications IR Number of items: 5 Percent of total: 4.2 53-Communication LT G-Engineering M-Maint / Repair 50-458/1997019 G-Engineering 54-No communication G-Engineering T-Testing 50-458/1998004 G-Engineering 54-No communication G-Engineering T-Testing 50-458/1998004 G-Engineering 53-Communication LT O-Operations O-Control Room Ops 50-458/1998005 0-Operations 55-Communication Eq D-Emergency Plannin T-Testing 50-458/1998012 D-Emergency Plannin 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: 0 Percent of total: 0 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: 22 Percent of total: 18.49 40-Individual Corre G-Engineering G-Design 50-458/1997009 G-Design 50-458/1997009 40-Individual Corre G-Engineering 47-Root Cause LTA G-Engineering G-Design 50-458/1997009 41-Action not begun O-Operations M-Maint / Repair 50-458/1997019 41-Action not begun I-Instrumentation & M-Maint / Repair 50-458/1997019 40-Individual Corre G-Engineering M-Maint / Repair 50-458/1997019 M-Maint / Repair 41-Action not begun G-Engineering 50-458/1997019 41-Action not begun G-Engineering Z-Other 50-458/1997019 A-Administrative 40-Individual Corre G-Engineering 50-458/1997019 43-Operating Experi G-Engineering G-Design 50-458/1997019 43-Operating Experi G-Engineering 50-458/1997019 G-Design 40-Individual Corre G-Engineering Z-Other 50-458/1998004 41-Action not begun G-Engineering Z-Other 50-458/1998004 32-Supervision / co O-Operations O-Control Room Ops 50-458/1998005 Page: 1 Date:01/13/1999 Combined IR/ER/LER Report Docket: 50-458 RIVER BEND 1 Total Number of Hits in Date Range: 119 From 01/01/1998 to 12/31/1998 2x National Average: 255 Details Work Type Docket/Report Department Management and Supervision IR Number of items: 22 Percent of Total: 18.49 32-Supervision / co O-Operations T-Testing 50-458/1998005 32-Supervision / co M-Mechanical M-Maint / Repair 50-458/1998008

Human Factors Information System Report

32-Supervision / co G-Engineering F-Modification 50-458/1998012 48-Audits or proble Q-QA/QC Z-Other 50-458/1998012 50-458/1998015 41-Action not begun O-Operations Z-Other 36-Scheduling and p W-Work Control / Sc S-Surveillance50-458/199801536-Scheduling and p W-Work Control / Sc S-Surveillance50-458/199801536-Scheduling and p W-Work Control / Sc S-Surveillance50-458/1998015 32-Supervision / co B-Plant Management S-Surveillance 50-458/1998015 Management and Supervision ER Number of items: 0 Percent of total: 0 Management and Supervision LER Number of items: 1 Percent of total: .84 33-Management expec M-Mechanical S-Surveillance 50-458/199800400 Organizational Issues IR Number of items: 1 Percent of total: .84 M-Maint / Repair 27-Excessive hours O-Operations 50-458/1998015 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: 10 Percent of total: 8.4 11-No procedure / r G-Engineering G-Design 50-458/1997019 13-Procedure has hu G-Engineering G-Design 50-458/1998004 50-458/1998004 13-Procedure has hu G-Engineering G-Design 12-Procedure techni G-Engineering G-Design 50-458/1998004 12-Procedure techni G-Engineering G-Design 50-458/1998004 13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-458/1998008 11-No procedure / r D-Emergency Plannin P-Procedure Dev 50-458/1998012 12-Procedure techni D-Emergency Plannin P-Procedure Dev 50-458/1998012 13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-458/1998015 13-Procedure has hu P-Procedure Writers S-Surveillance 50-458/1998015 Procedures and Reference Document ER Number of items: 0 Percent of total: 0 Procedures and Reference Document LER Number of items: 3 Percent of total: 2.52 11-No procedure / r G-Engineering G-Design 50-458/199800101 Page: 2 Date:01/13/1999 Combined IR/ER/LER Report Docket: 50-458 RIVER BEND 1 Total Number of Hits in Date Range: 119 From 01/01/1998 to 12/31/1998 2x National Average: 255 Details Department Work Type Docket/Report Procedures and Reference Document LER Number of items: 3 Percent of Total: 2.52 12-Procedure techni G-Engineering G-Design 50-458/199800101 13-Procedure has hu M-Mechanical S-Surveillance 50-458/199800400 Training IR Number of items: 15 Percent of total: 12.61 05-Individual knowl G-Engineering G-Design 50-458/1997009 05-Individual knowl G-Engineering G-Design 50-458/1997009 G-Design 05-Individual knowl G-Engineering 50-458/1997019 B-Bal of Plant Ops 50-458/1998004 B-Bal of Plant Ops 50-458/1998004 T-Training 02-Training LTA 05-Individual knowl O-Operations 05-Individual knowl G-Engineering P-Procedure Dev 50-458/1998004 05-Individual knowl O-Operations O-Control Room Ops 50-458/1998005 05-Individual knowl O-Operations O-Control Room Ops 50-458/1998005 O-Control Room Ops 50-458/1998005 05-Individual knowl O-Operations 05-Individual knowl G-Engineering G-Design 50-458/1998012 50-458/1998012 05-Individual knowl I-Instrumentation & T-Testing

Human Factors Information System Report

Human Factors information System Report					
02-Training LTA 05-Individual knowl		S-Surveillance O-Control Room Ops			
05-Individual knowl 05-Individual knowl		O-Control Room Ops O-Control Room Ops	50-458/1998017 50-458/1998017		
Training ER Number of items: 0 Percent of total: 0					
Training LER Number of items: 1					
Percent of total: .	84				
05-Individual knowl	G-Engineering	G-Design	50-458/199800101		
Work Factors IR					
Number of items: 5					
Percent of total: 4 81-Work Package Qua		G-Design	50-458/1997009		
93-Awareness or att		G-Design	50-458/1997009		
83-Work practice or		G-Design	50-458/1997009		
83-Work practice or 83-Work practice or		G-Design G-Design	50-458/1997009 50-458/1997009		
83-Work practice or	G-Engineering	G-Design	50-458/1997009		
93-Awareness or att 83-Work practice or		G-Design A-Administrative	50-458/1997009 50-458/1997009		
81-Work Package Qua	5	G-Design	50-458/1997009		
83-Work practice or		A-Administrative	50-458/1997009		
83-Work practice or 83-Work practice or	5 5	G-Design G-Design	50-458/1997009 50-458/1997009		
83-Work practice or	5	G-Design	50-458/1997009		
83-Work practice or		G-Design	50-458/1997009		
83-Work practice or 83-Work practice or		G-Design M-Maint / Repair	50-458/1997009 50-458/1997019		
Page: 3	Date:01/13/199	_			
Total Number of Hits in Date Range: 119 From 01/01/1998 to 12/31/1998 2x National Average: 255					
2x National Av	erage: 255				
2x National Av Details	erage: 255 Department	Work Type	Docket/Report		
Details Work Factors IR Number of items: 5	Department 9	Work Type	Docket/Report		
Details Work Factors IR Number of items: 5 Percent of Total: 4	Department 9 9.58		-		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec	Department 9 9.58 0-Operations 0-Operations	M-Maint / Repair M-Maint / Repair	50-458/1997019 50-458/1997019		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec	Department 9 9.58 O-Operations O-Operations O-Operations	M-Maint / Repair M-Maint / Repair M-Maint / Repair	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec	Department 9 9.58 0-Operations 0-Operations 0-Operations G-Engineering	M-Maint / Repair M-Maint / Repair	50-458/1997019 50-458/1997019		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att	Department 9 9.58 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec	Department 9 9.58 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att	Department 9 9.58 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering G-Engineering M-Mechanical	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design G-Design T-Testing M-Maint / Repair	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1998004 50-458/1998004 50-458/1998004		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att 92-Self check LTA	Department 9 9.58 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering M-Mechanical I-Instrumentation &	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design G-Design T-Testing M-Maint / Repair & M-Maint / Repair	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1998004 50-458/1998004 50-458/1998004 50-458/1998005		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att 92-Self check LTA 92-Self check LTA 91-Verification / p	Department 9 9.58 O-Operations O-Operations O-Operations G-Engineering G-Engineering G-Engineering G-Engineering M-Mechanical I-Instrumentation & I-Instrumentation & O-Operations	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design G-Design T-Testing M-Maint / Repair M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1998004 50-458/1998004 50-458/1998005 50-458/1998005 50-458/1998008		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att 92-Self check LTA 91-Verification / p 89-Housekeeping LTA	Department 9 9.58 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering M-Mechanical I-Instrumentation & I-Instrumentation & O-Operations M-Mechanical	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design G-Design T-Testing M-Maint / Repair & M-Maint / Repair B-Bal of Plant Ops M-Maint / Repair	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1998004 50-458/1998004 50-458/1998004 50-458/1998005 50-458/1998008 50-458/1998008		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att 92-Self check LTA 92-Self check LTA 91-Verification / p	Department 9 9.58 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering M-Mechanical I-Instrumentation & I-Instrumentation & 0-Operations M-Mechanical M-Mechanical	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design G-Design T-Testing M-Maint / Repair M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1998004 50-458/1998004 50-458/1998005 50-458/1998005 50-458/1998008		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att 92-Self check LTA 91-Verification / p 89-Housekeeping LTA 89-Housekeeping LTA 89-Housekeeping LTA	Department 9 9.58 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering M-Mechanical I-Instrumentation & 0-Operations M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical 0-Operations	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design G-Design T-Testing M-Maint / Repair & M-Maint / Repair B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1998004 50-458/1998004 50-458/1998005 50-458/1998005 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att 92-Self check LTA 91-Verification / p 89-Housekeeping LTA 89-Housekeeping LTA 93-Awareness or att 93-Awareness or att 93-Awareness or att 93-Awareness or att	Department 9 9.58 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering M-Mechanical I-Instrumentation & I-Instrumentation & 0-Operations M-Mechanical M-Mechanical M-Mechanical 0-Operations 0-Operations 0-Operations 0-Operations	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design G-Design T-Testing M-Maint / Repair M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops B-Bal of Plant Ops	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1998004 50-458/1998004 50-458/1998005 50-458/1998005 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att 92-Self check LTA 91-Verification / p 89-Housekeeping LTA 89-Housekeeping LTA 93-Awareness or att 93-Awareness or att	Department 9 9.58 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering M-Mechanical I-Instrumentation & 0-Operations M-Mechanical M-Mechanical M-Mechanical M-Mechanical 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations M-Mechanical	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design G-Design T-Testing M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops B-Bal of Plant Ops M-Maint / Repair	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1998004 50-458/1998004 50-458/1998005 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att 92-Self check LTA 91-Verification / p 89-Housekeeping LTA 89-Housekeeping LTA 89-Housekeeping LTA 93-Awareness or att 93-Awareness or att	Department 9 9.58 O-Operations O-Operations O-Operations O-Operations G-Engineering G-Engineering G-Engineering M-Mechanical I-Instrumentation & I-Instrumentation & O-Operations M-Mechanical M-Mechanical M-Mechanical O-Operations O-Operations O-Operations O-Operations M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design G-Design T-Testing M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1998004 50-458/1998004 50-458/1998004 50-458/1998005 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att 92-Self check LTA 91-Verification / p 89-Housekeeping LTA 89-Housekeeping LTA 89-Housekeeping LTA 93-Awareness or att 93-Awareness or att	Department 9 9.58 O-Operations O-Operations O-Operations O-Operations G-Engineering G-Engineering G-Engineering M-Mechanical I-Instrumentation & I-Instrumentation & O-Operations M-Mechanical M-Mechanical M-Mechanical O-Operations O-Operations O-Operations O-Operations M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical G-Engineering	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design G-Design T-Testing M-Maint / Repair & M-Maint / Repair B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1998004 50-458/1998004 50-458/1998005 50-458/1998008		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att 92-Self check LTA 91-Verification / p 89-Housekeeping LTA 89-Housekeeping LTA 89-Housekeeping LTA 93-Awareness or att 93-Awareness or att 91-Verification / p 91-Verification / p 91-Verification / p	Department 9 9.58 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering M-Mechanical I-Instrumentation & I-Instrumentation & I-Instrumentation & O-Operations M-Mechanical M-Mechanical M-Mechanical O-Operations 0-Operations 0-Operations 0-Operations M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical G-Engineering G-Engineering 0-Operations	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design G-Design T-Testing M-Maint / Repair & M-Maint / Repair B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops B-Bal of Plant Ops B-Bal of Plant Ops B-Bal of Plant Ops B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design B-Bal of Plant Ops	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1998004 50-458/1998004 50-458/1998005 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998011 50-458/1998011 50-458/1998012		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att 92-Self check LTA 91-Verification / p 89-Housekeeping LTA 89-Housekeeping LTA 89-Housekeeping LTA 93-Awareness or att 93-Awareness or att 82-Briefing, prep. 91-Verification / p 91-Verification / p 92-Self check LTA 89-Housekeeping LTA	Department 9 9.58 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering M-Mechanical I-Instrumentation & 0-Operations M-Mechanical M-Mechanical M-Mechanical M-Mechanical 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations M-Mechanical	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design G-Design T-Testing M-Maint / Repair & M-Maint / Repair & M-Maint / Repair B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design B-Bal of Plant Ops K-Housekeeping	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1998004 50-458/1998004 50-458/1998005 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998018 50-458/1998011 50-458/1998011 50-458/1998012 50-458/1998015		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att 92-Self check LTA 91-Verification / p 89-Housekeeping LTA 89-Housekeeping LTA 89-Housekeeping LTA 93-Awareness or att 93-Awareness or att 91-Verification / p 91-Verification / p 91-Verification / p	Department 9 9.58 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering M-Mechanical I-Instrumentation & 0-Operations M-Mechanical M-Mechanical M-Mechanical M-Mechanical 0-Operations 0-Operations 0-Operations 0-Operations 0-Operations M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical G-Engineering G-Engineering 0-Operations U-Unknown U-Unknown	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design G-Design T-Testing M-Maint / Repair & M-Maint / Repair B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops B-Bal of Plant Ops B-Bal of Plant Ops B-Bal of Plant Ops B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design B-Bal of Plant Ops	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1998004 50-458/1998004 50-458/1998005 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998011 50-458/1998011 50-458/1998012		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att 92-Self check LTA 91-Verification / p 89-Housekeeping LTA 89-Housekeeping LTA 93-Awareness or att 93-Awareness or att 93-Awareness or att 93-Awareness or att 93-Awareness or att 93-Awareness or att 92-Self check LTA 93-Awareness or att 92-Self check LTA 93-Awareness or att 82-Briefing, prep. 91-Verification / p 91-Verification / p 92-Self check LTA 89-Housekeeping LTA 89-Housekeeping LTA	Department 9 9.58 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering M-Mechanical I-Instrumentation & 0-Operations M-Mechanical M-Mechanical M-Mechanical M-Mechanical 0-Operations 0-Operations 0-Operations 0-Operations M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical H-Health Physics	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design G-Design T-Testing M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops B-Bal of Plant Ops B-Bal of Plant Ops B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design B-Bal of Plant Ops K-Housekeeping K-Housekeeping K-Housekeeping	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1998004 50-458/1998004 50-458/1998004 50-458/1998005 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998018 50-458/1998011 50-458/1998012 50-458/1998015 50-458/1998015 50-458/1998015		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att 92-Self check LTA 91-Verification / p 89-Housekeeping LTA 89-Housekeeping LTA 89-Housekeeping LTA 93-Awareness or att 93-Awareness or att 92-Self check LTA 93-Awareness or att 93-Awareness or att 82-Briefing, prep. 91-Verification / p 91-Verification / p 92-Self check LTA 89-Housekeeping LTA 83-Work practice or 89-Housekeeping LTA 89-Housekeeping LTA	Department 9 9.58 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering G-Engineering M-Mechanical I-Instrumentation & 0-Operations M-Mechanical M-Mechanical M-Mechanical M-Mechanical 0-Operations 0-Operations 0-Operations 0-Operations M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical H-Health Physics U-Unknown	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design G-Design T-Testing M-Maint / Repair & M-Maint / Repair & M-Maint / Repair B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops B-Bal of Plant Ops B-Bal of Plant Ops B-Bal of Plant Ops B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design B-Bal of Plant Ops K-Housekeeping K-Housekeeping K-Housekeeping K-Housekeeping	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1998004 50-458/1998004 50-458/1998005 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998011 50-458/1998011 50-458/1998015 50-458/199		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att 92-Self check LTA 91-Verification / p 89-Housekeeping LTA 89-Housekeeping LTA 93-Awareness or att 93-Awareness or att 93-Awareness or att 93-Awareness or att 93-Awareness or att 93-Awareness or att 92-Self check LTA 93-Awareness or att 92-Self check LTA 93-Awareness or att 82-Briefing, prep. 91-Verification / p 91-Verification / p 92-Self check LTA 89-Housekeeping LTA 89-Housekeeping LTA	Department 9 9.58 O-Operations O-Operations O-Operations O-Operations G-Engineering G-Engineering G-Engineering M-Mechanical I-Instrumentation & O-Operations M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical G-Engineering G-Engineering G-Engineering G-Engineering O-Operations U-Unknown U-Unknown M-Mechanical H-Health Physics U-Unknown O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design G-Design T-Testing M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops B-Bal of Plant Ops B-Bal of Plant Ops B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design B-Bal of Plant Ops K-Housekeeping K-Housekeeping K-Housekeeping	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1998004 50-458/1998004 50-458/1998004 50-458/1998005 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998018 50-458/1998011 50-458/1998012 50-458/1998015 50-458/1998015 50-458/1998015 50-458/1998015		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att 92-Self check LTA 91-Verification / p 89-Housekeeping LTA 89-Housekeeping LTA 93-Awareness or att 92-Self check LTA 93-Awareness or att 93-Awareness or att 82-Briefing, prep. 91-Verification / p 91-Verification / p 92-Self check LTA 89-Housekeeping LTA	Department 9 9.58 O-Operations O-Operations O-Operations O-Operations G-Engineering G-Engineering G-Engineering M-Mechanical I-Instrumentation & O-Operations M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical G-Engineering G-Engineering G-Engineering G-Engineering G-Engineering O-Operations U-Unknown U-Unknown M-Mechanical H-Health Physics U-Unknown O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design G-Design T-Testing M-Maint / Repair M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops B-Bal of Plant Ops M-Maint / Repair G-Design G-Design B-Bal of Plant Ops K-Housekeeping H-Health Physics K-Housekeeping K-Housekeeping M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1998004 50-458/1998004 50-458/1998005 50-458/1998005 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998011 50-458/1998011 50-458/1998015 50-458/199		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att 83-Work practice or 93-Awareness or att 92-Self check LTA 91-Verification / p 89-Housekeeping LTA 89-Housekeeping LTA 89-Housekeeping LTA 93-Awareness or att 93-Awareness or att 93-Awareness or att 93-Awareness or att 93-Awareness or att 93-Awareness or att 93-Awareness or att 82-Self check LTA 93-Awareness or att 82-Briefing, prep. 91-Verification / p 91-Verification / p 92-Self check LTA 89-Housekeeping LTA 80-Housekeeping LTA	Department 9 9.58 O-Operations O-Operations O-Operations O-Operations G-Engineering G-Engineering G-Engineering M-Mechanical I-Instrumentation & O-Operations M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical G-Engineering G-Engineering G-Engineering G-Engineering O-Operations U-Unknown U-Unknown M-Mechanical H-Health Physics U-Unknown O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations O-Operations	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design G-Design T-Testing M-Maint / Repair M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair G-Design B-Bal of Plant Ops K-Housekeeping H-Health Physics K-Housekeeping K-Housekeeping K-Housekeeping M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1998004 50-458/1998004 50-458/1998005 50-458/1998005 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998011 50-458/1998011 50-458/1998015 50-458/199		
Details Work Factors IR Number of items: 5 Percent of Total: 4 93-Awareness or att 84-Non-conserv. dec 84-Non-conserv. dec 84-Non-conserv. dec 93-Awareness or att 93-Awareness or att 92-Self check LTA 91-Verification / p 89-Housekeeping LTA 89-Housekeeping LTA 89-Housekeeping LTA 93-Awareness or att 93-Awareness or att 89-Housekeeping LTA 89-Housekeeping LTA 80-Kon-conserv. dec 84-Non-conserv. dec 85-Team interaction	Department 9 9.58 0-Operations 0-Operations 0-Operations 0-Operations G-Engineering G-Engineering M-Mechanical I-Instrumentation & 0-Operations M-Mechanical M-Mechanical M-Mechanical M-Mechanical 0-Operations 0-Operations 0-Operations 0-Operations M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical M-Mechanical H-Health Physics U-Unknown 0-Operations	M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design G-Design T-Testing M-Maint / Repair M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair B-Bal of Plant Ops B-Bal of Plant Ops M-Maint / Repair M-Maint / Repair M-Maint / Repair G-Design B-Bal of Plant Ops K-Housekeeping H-Health Physics K-Housekeeping K-Housekeeping M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair M-Maint / Repair	50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1997019 50-458/1998004 50-458/1998004 50-458/1998005 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998008 50-458/1998011 50-458/1998011 50-458/1998015 50-458/199		

Human Factors Information System Report 91-Verification / p M-Mechanical S-Surveillance 50-458/1998015

Work Factors LER Number of items: Percent of Total: 93-Awareness or at Page: 5	1.68 t M-Mechanical	S-Surveillance 9	50-458/199800400		
Details	Department	Work Type	Docket/Report		
Docket: 50-458 RIVER BEND 1 Total Number of Hits in Date Range: 119 From 01/01/1998 to 12/31/1998 2x National Average: 255					
Combined	I IR/ER/LER Report				
Work Factors LER Number of items: Percent of total: 84-Non-conserv. de Page: 4	1.68 ec G-Engineering	5	50-458/199800101		
Work Factors ER Number of items: Percent of total:					
91-Verification / 91-Verification / 91-Verification / 91-Verification / 83-Work practice of 83-Work practice of 83-Work practice of	p G-Engineering p O-Operations p O-Operations or M-Mechanical or M-Mechanical	S-Surveillance S-Surveillance S-Surveillance H-Health Physics H-Health Physics H-Health Physics	50-458/1998015 50-458/1998015 50-458/1998015 50-458/1998015 50-458/1998015 50-458/1998015 50-458/1998015		
91-Verification /		S-Surveillance	50-458/1998015		

[End of File for Plant Docket 458 (1998)]