

# 1998 Human Factors Information System Report for Plant Docket 237

Combined IR/ER/LER Report  
Docket: 50-237 DRESDEN 2

Total Number of Hits in Date Range: 148  
From 01/01/1998 to 12/31/1998  
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 3			
Percent of total: 2.03			
53-Communication LT	G-Engineering	G-Design	50-237/1997021
	G-Engineering		
53-Communication LT	M-Mechanical	M-Maint / Repair	50-237/1998009
	M-Mechanical		
54-No communication	G-Engineering	A-Administrative	50-237/1998019
	G-Engineering		
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: 1			
Percent of total: .68			
76-Postings LTA	B-Plant Management	A-Administrative	50-237/1998019
Human-System Interface and Environm ER			
Number of items: 0			
Percent of total: 0			
Human-System Interface and Environm LER			
Number of items: 1			
Percent of total: .68			
67-Function LTA (ac I-Instrumentation & C-Calibration			50-237/199800200
Management and Supervision IR			
Number of items: 25			
Percent of total: 16.89			
40-Individual Corre	G-Engineering	Z-Other	50-237/1997021
40-Individual Corre	G-Engineering	Z-Other	50-237/1997021
40-Individual Corre	G-Engineering	Z-Other	50-237/1997021
44-Corrective Actio	O-Operations	Q-Fire Protection	50-237/1997021
43-Operating Experi	G-Engineering	Z-Other	50-237/1997028
33-Management expec	O-Operations	A-Administrative	50-237/1997028
44-Corrective Actio	G-Engineering	Z-Other	50-237/1997028
40-Individual Corre	G-Engineering	P-Procedure Dev	50-237/1998003
41-Action not begun	O-Operations	Z-Other	50-237/1998005
32-Supervision / co	T-Training	Z-Other	50-237/1998005
41-Action not begun	O-Operations	Z-Other	50-237/1998006
48-Audits or proble	G-Engineering	Z-Other	50-237/1998006
48-Audits or proble	B-Plant Management	Z-Other	50-237/1998006
43-Operating Experi	G-Engineering	Z-Other	50-237/1998006
41-Action not begun	G-Engineering	Z-Other	50-237/1998009
41-Action not begun	O-Operations	Z-Other	50-237/1998009

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Management and Supervision IR			
Number of items: 25			
Percent of Total: 16.89			
40-Individual Corre	G-Engineering	Z-Other	50-237/1998010
36-Scheduling and p	O-Operations	S-Surveillance	50-237/1998019

## Human Factors Information System Report

47-Root Cause LTA	G-Engineering	Z-Other	50-237/1998019
47-Root Cause LTA	G-Engineering	Z-Other	50-237/1998019
47-Root Cause LTA	O-Operations	Z-Other	50-237/1998021
40-Individual Corre	O-Operations	Z-Other	50-237/1998021
44-Corrective Actio	G-Engineering	Z-Other	50-237/1998021
32-Supervision / co	G-Engineering	G-Design	50-237/1998021
40-Individual Corre	G-Engineering	Z-Other	50-237/1998021

## Management and Supervision ER

Number of items: 0

Percent of total: 0

## Management and Supervision LER

Number of items: 6

Percent of total: 4.05

36-Scheduling and p	W-Work Control / Sc	C-Calibration	50-237/199800200
36-Scheduling and p	W-Work Control / Sc	C-Calibration	50-237/199800200
32-Supervision / co	G-Engineering	G-Design	50-237/199800801
37-Unqualified work	G-Engineering	G-Design	50-237/199800801
43-Operating Experi	O-Operations	B-Bal of Plant Ops	50-237/199801200
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-237/199801200

## Organizational Issues IR

Number of items: 1

Percent of total: .68

21-Staffing LTA	G-Engineering	G-Design	50-237/1997021
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## 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: 24

Percent of total: 16.22

12-Procedure techni	G-Engineering	G-Design	50-237/1997021
13-Procedure has hu	G-Engineering	G-Design	50-237/1997028
12-Procedure techni	G-Engineering	G-Design	50-237/1998003
12-Procedure techni	G-Engineering	G-Design	50-237/1998003
12-Procedure techni	G-Engineering	G-Design	50-237/1998003
12-Procedure techni	G-Engineering	G-Design	50-237/1998003
13-Procedure has hu	G-Engineering	G-Design	50-237/1998005
13-Procedure has hu	G-Engineering	G-Design	50-237/1998005
12-Procedure techni	G-Engineering	G-Design	50-237/1998005
13-Procedure has hu	T-Training	Z-Other	50-237/1998005

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## Procedures and Reference Document IR

Number of items: 24

Percent of Total: 16.22

12-Procedure techni	G-Engineering	G-Design	50-237/1998007
12-Procedure techni	G-Engineering	G-Design	50-237/1998007
12-Procedure techni	G-Engineering	G-Design	50-237/1998007
12-Procedure techni	G-Engineering	G-Design	50-237/1998007
12-Procedure techni	G-Engineering	G-Design	50-237/1998009
13-Procedure has hu	G-Engineering	G-Design	50-237/1998009
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-237/1998019
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-237/1998021
12-Procedure techni	G-Engineering	G-Design	50-237/1998021
12-Procedure techni	G-Engineering	G-Design	50-237/1998021
12-Procedure techni	G-Engineering	G-Design	50-237/1998021
12-Procedure techni	G-Engineering	G-Design	50-237/1998021
12-Procedure techni	G-Engineering	G-Design	50-237/1998021
12-Procedure techni	P-Procedure Writers	G-Design	50-237/1998021

## 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: 1.35  
 12-Procedure techni F-Fuel Handling M-Maint / Repair 50-237/199801200  
 12-Procedure techni O-Operations M-Maint / Repair 50-237/199801200

## Training IR

Number of items: 2  
 Percent of total: 1.35  
 05-Individual knowl G-Engineering V-Troubleshooting 50-237/1997028  
 05-Individual knowl O-Operations B-Bal of Plant Ops 50-237/1997028

## Training ER

Number of items: 0  
 Percent of total: 0

## Training LER

Number of items: 1  
 Percent of total: .68  
 02-Training LTA O-Operations B-Bal of Plant Ops 50-237/199801200

## Work Factors IR

Number of items: 75  
 Percent of total: 50.68  
 93-Awareness or att G-Engineering A-Administrative 50-237/1997021  
 93-Awareness or att G-Engineering A-Administrative 50-237/1997021  
 93-Awareness or att G-Engineering A-Administrative 50-237/1997021  
 93-Awareness or att G-Engineering G-Design 50-237/1997021  
 93-Awareness or att G-Engineering F-Modification 50-237/1997021  
 81-Work Package Qua G-Engineering F-Modification 50-237/1997021  
 86-Work untimely O-Operations Q-Fire Protection 50-237/1997021  
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## Work Factors IR

Number of items: 75			
Percent of Total: 50.68			
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-237/1997028
81-Work Package Qua	G-Engineering	G-Design	50-237/1997028
81-Work Package Qua	G-Engineering	G-Design	50-237/1997028
81-Work Package Qua	G-Engineering	G-Design	50-237/1997028
83-Work practice or	U-Unknown	H-Health Physics	50-237/1997028
93-Awareness or att	U-Unknown	H-Health Physics	50-237/1997028
83-Work practice or	W-Work Control / Sc	M-Maint / Repair	50-237/1998003
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-237/1998003
83-Work practice or	W-Work Control / Sc	M-Maint / Repair	50-237/1998003
83-Work practice or	E-Electrical	M-Maint / Repair	50-237/1998003
81-Work Package Qua	W-Work Control / Sc	F-Modification	50-237/1998003
91-Verification / p	W-Work Control / Sc	M-Maint / Repair	50-237/1998003
84-Non-conserv. dec	E-Electrical	M-Maint / Repair	50-237/1998003
83-Work practice or	M-Mechanical	M-Maint / Repair	50-237/1998003
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-237/1998003
83-Work practice or	E-Electrical	M-Maint / Repair	50-237/1998003
86-Work untimely	M-Mechanical	A-Administrative	50-237/1998003
83-Work practice or	C-Chemistry	Z-Other	50-237/1998003
83-Work practice or	Z-Other	Z-Other	50-237/1998003
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-237/1998003
93-Awareness or att	G-Engineering	A-Administrative	50-237/1998003
81-Work Package Qua	G-Engineering	F-Modification	50-237/1998003
84-Non-conserv. dec	I-Instrumentation &	S-Surveillance	50-237/1998003
83-Work practice or	G-Engineering	P-Procedure Dev	50-237/1998003
83-Work practice or	T-Training	Z-Other	50-237/1998005
93-Awareness or att	T-Training	Z-Other	50-237/1998005
91-Verification / p	T-Training	Z-Other	50-237/1998005
83-Work practice or	T-Training	Z-Other	50-237/1998005
83-Work practice or	T-Training	Z-Other	50-237/1998005
83-Work practice or	T-Training	Z-Other	50-237/1998005
83-Work practice or	T-Training	A-Administrative	50-237/1998005
93-Awareness or att	O-Operations	R-Refueling	50-237/1998009
83-Work practice or	O-Operations	R-Refueling	50-237/1998009
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-237/1998009
83-Work practice or	F-Fuel Handling	A-Administrative	50-237/1998009
84-Non-conserv. dec	G-Engineering	A-Administrative	50-237/1998009
84-Non-conserv. dec	G-Engineering	Z-Other	50-237/1998009
83-Work practice or	H-Health Physics	H-Health Physics	50-237/1998009
93-Awareness or att	H-Health Physics	H-Health Physics	50-237/1998009

84-Non-conserv. dec	H-Health Physics	H-Health Physics	50-237/1998009
83-Work practice or	U-Unknown	H-Health Physics	50-237/1998009
83-Work practice or	M-Mechanical	H-Health Physics	50-237/1998009
83-Work practice or	M-Mechanical	H-Health Physics	50-237/1998009
83-Work practice or	M-Mechanical	H-Health Physics	50-237/1998009
83-Work practice or	M-Mechanical	H-Health Physics	50-237/1998009
93-Awareness or att	E-Electrical	Q-Fire Protection	50-237/1998009
93-Awareness or att	U-Unknown	Q-Fire Protection	50-237/1998009
93-Awareness or att	U-Unknown	Q-Fire Protection	50-237/1998009
93-Awareness or att	U-Unknown	Q-Fire Protection	50-237/1998009
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-237/1998019
93-Awareness or att	O-Operations	S-Surveillance	50-237/1998019

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Work Factors IR			
Number of items: 75			
Percent of Total: 50.68			
84-Non-conserv. dec	O-Operations	S-Surveillance	50-237/1998019
84-Non-conserv. dec	O-Operations	S-Surveillance	50-237/1998019
82-Briefing, prep.	O-Operations	S-Surveillance	50-237/1998019
93-Awareness or att	O-Operations	S-Surveillance	50-237/1998019
93-Awareness or att	O-Operations	O-Control Room Ops	50-237/1998019
93-Awareness or att	G-Engineering	A-Administrative	50-237/1998019
84-Non-conserv. dec	Q-QA/QC	A-Administrative	50-237/1998019
83-Work practice or	G-Engineering	A-Administrative	50-237/1998019
81-Work Package Qua	G-Engineering	F-Modification	50-237/1998019
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-237/1998021
93-Awareness or att	O-Operations	M-Maint / Repair	50-237/1998021
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-237/1998021
92-Self check LTA	I-Instrumentation &	S-Surveillance	50-237/1998021
91-Verification / p	O-Operations	S-Surveillance	50-237/1998021
83-Work practice or	O-Operations	S-Surveillance	50-237/1998021
83-Work practice or	M-Mechanical	M-Maint / Repair	50-237/1998021
93-Awareness or att	G-Engineering	G-Design	50-237/1998021
83-Work practice or	H-Health Physics	H-Health Physics	50-237/1998021

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

Work Factors LER			
Number of items: 7			
Percent of total: 4.73			
83-Work practice or	G-Engineering	F-Modification	50-237/199800200
92-Self check LTA	I-Instrumentation &	C-Calibration	50-237/199800200
91-Verification / p	G-Engineering	G-Design	50-237/199800801
93-Awareness or att	G-Engineering	G-Design	50-237/199800801
84-Non-conserv. dec	G-Engineering	T-Testing	50-237/199800801
85-Team interaction	G-Engineering	G-Design	50-237/199800801
81-Work Package Qua	G-Engineering	T-Testing	50-237/199800801

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[End of File for Plant Docket 237 (1998)]