

# 1997 Human Factors Information System Report for Plant Docket 416

Combined IR/ER/LER Report  
Docket: 50-416 GRAND GULF 1

Total Number of Hits in Date Range: 128  
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: 2.34			
53-Communication LT	O-Operations	Z-Other	50-416/1997016
	O-Operations		
54-No communication	O-Operations	A-Administrative	50-416/1997018
	O-Operations		
53-Communication LT	O-Operations	O-Control Room Ops	50-416/1997022
	O-Operations		
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 2			
Percent of total: 1.56			
53-Communication LT	O-Operations	O-Control Room Ops	50-416/199700100
53-Communication LT	E-Electrical	M-Maint / Repair	50-416/199700300
Human-System Interface and Environm IR			
Number of items: 5			
Percent of total: 3.91			
62-Information orga	M-Mechanical	U-Unknown	50-416/1996021
76-Postings LTA	H-Health Physics	H-Health Physics	50-416/1997008
73-Excessive Noise	Z-Other	H-Health Physics	50-416/1997012
73-Excessive Noise	O-Operations	O-Control Room Ops	50-416/1997021
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-416/1997022
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: .78			
62-Information orga	M-Mechanical	M-Maint / Repair	50-416/199700600
Management and Supervision IR			
Number of items: 15			
Percent of total: 11.72			
41-Action not begun	O-Operations	A-Administrative	50-416/1997006
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-416/1997008
40-Individual Corre	H-Health Physics	H-Health Physics	50-416/1997012
41-Action not begun	O-Operations	Z-Other	50-416/1997018
41-Action not begun	G-Engineering	Z-Other	50-416/1997018
47-Root Cause LTA	O-Operations	Z-Other	50-416/1997018
40-Individual Corre	O-Operations	Q-Fire Protection	50-416/1997018
44-Corrective Actio	M-Mechanical	Z-Other	50-416/1997018
33-Management expec	O-Operations	A-Administrative	50-416/1997019
40-Individual Corre	G-Engineering	Z-Other	50-416/1997019

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 15			
Percent of Total: 11.72			
40-Individual Corre	E-Electrical	Z-Other	50-416/1997020

44-Corrective Actio	Q-QA/QC	Z-Other	50-416/1997020
32-Supervision / co	O-Operations	D-Emergency Drill	50-416/1997020
32-Supervision / co	O-Operations	O-Control Room Ops	50-416/1997022
41-Action not begun	M-Mechanical	Z-Other	50-416/1997022

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: 0  
 Percent of total: 0

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: 23  
 Percent of total: 17.97

12-Procedure techni	G-Engineering	G-Design	50-416/1997005
12-Procedure techni	G-Engineering	G-Design	50-416/1997005
12-Procedure techni	G-Engineering	G-Design	50-416/1997005
12-Procedure techni	G-Engineering	G-Design	50-416/1997005
12-Procedure techni	G-Engineering	G-Design	50-416/1997005
12-Procedure techni	G-Engineering	G-Design	50-416/1997005
12-Procedure techni	G-Engineering	G-Design	50-416/1997005
12-Procedure techni	G-Engineering	G-Design	50-416/1997005
12-Procedure techni	G-Engineering	G-Design	50-416/1997005
12-Procedure techni	G-Engineering	G-Design	50-416/1997005
12-Procedure techni	G-Engineering	G-Design	50-416/1997006
12-Procedure techni	H-Health Physics	O-Control Room Ops	50-416/1997008
11-No procedure / r	G-Engineering	G-Design	50-416/1997012
11-No procedure / r	G-Engineering	G-Design	50-416/1997019
12-Procedure techni	G-Engineering	G-Design	50-416/1997019
11-No procedure / r	G-Engineering	G-Design	50-416/1997019
13-Procedure has hu	G-Engineering	G-Design	50-416/1997020
12-Procedure techni	G-Engineering	G-Design	50-416/1997020
11-No procedure / r	G-Engineering	G-Design	50-416/1997020
12-Procedure techni	D-Emergency Plannin	A-Administrative	50-416/1997020
11-No procedure / r	G-Engineering	G-Design	50-416/1997021
13-Procedure has hu	W-Work Control / Sc	T-Testing	50-416/1997022

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Procedures and Reference Document IR			
Number of items: 23			
Percent of Total: 17.97			
12-Procedure techni	G-Engineering	G-Design	50-416/1997022
12-Procedure techni	G-Engineering	G-Design	50-416/1997022
Procedures and Reference Document ER			
Number of items: 0			
Percent of total: 0			
Procedures and Reference Document LER			
Number of items: 1			
Percent of total: .78			
11-No procedure / r	M-Mechanical	M-Maint / Repair	50-416/199700600

Training IR  
 Number of items: 6  
 Percent of total: 4.69

05-Individual knowl	I-Instrumentation &	F-Modification	50-416/1997006
04-Task Qualificati	D-Emergency Plannin	D-Emergency Drill	50-416/1997006
02-Training LTA	T-Training	Z-Other	50-416/1997012
02-Training LTA	T-Training	Z-Other	50-416/1997016

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05-Individual knowl O-Operations O-Control Room Ops 50-416/1997020  
 05-Individual knowl O-Operations O-Control Room Ops 50-416/1997022

## Training ER

Number of items: 0  
 Percent of total: 0

## Training LER

Number of items: 2  
 Percent of total: 1.56

02-Training LTA E-Electrical M-Maint / Repair 50-416/199700300  
 02-Training LTA M-Mechanical M-Maint / Repair 50-416/199700600

## Work Factors IR

Number of items: 66  
 Percent of total: 51.56

84-Non-conserv. dec O-Operations U-Unknown 50-416/1996020  
 84-Non-conserv. dec M-Mechanical U-Unknown 50-416/1996020  
 87-Non-conservati O-Operations U-Unknown 50-416/1996021  
 81-Work Package Qua G-Engineering G-Design 50-416/1997001  
 83-Work practice or G-Engineering G-Design 50-416/1997001  
 81-Work Package Qua G-Engineering G-Design 50-416/1997001  
 81-Work Package Qua G-Engineering G-Design 50-416/1997001  
 81-Work Package Qua G-Engineering G-Design 50-416/1997001  
 81-Work Package Qua G-Engineering G-Design 50-416/1997001  
 81-Work Package Qua G-Engineering G-Design 50-416/1997005  
 81-Work Package Qua G-Engineering G-Design 50-416/1997005  
 81-Work Package Qua G-Engineering G-Design 50-416/1997005  
 83-Work practice or G-Engineering A-Administrative 50-416/1997005  
 81-Work Package Qua G-Engineering G-Design 50-416/1997005  
 83-Work practice or G-Engineering A-Administrative 50-416/1997005

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## Work Factors IR

Number of items: 66  
 Percent of Total: 51.56

83-Work practice or	O-Operations	D-Emergency Drill	50-416/1997006
89-Housekeeping LTA	M-Mechanical	M-Maint / Repair	50-416/1997006
83-Work practice or	M-Mechanical	M-Maint / Repair	50-416/1997006
83-Work practice or	G-Engineering	G-Design	50-416/1997006
83-Work practice or	M-Mechanical	H-Health Physics	50-416/1997006
83-Work practice or	H-Health Physics	A-Administrative	50-416/1997006
83-Work practice or	M-Mechanical	M-Maint / Repair	50-416/1997008
93-Awareness or att	H-Health Physics	H-Health Physics	50-416/1997008
84-Non-conserv. dec	G-Engineering	H-Health Physics	50-416/1997008
83-Work practice or	G-Engineering	M-Maint / Repair	50-416/1997012
93-Awareness or att	I-Instrumentation &	M-Maint / Repair	50-416/1997012
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-416/1997012
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-416/1997012
83-Work practice or	M-Mechanical	M-Maint / Repair	50-416/1997012
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-416/1997012
86-Work untimely	G-Engineering	M-Maint / Repair	50-416/1997012
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-416/1997012
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-416/1997012
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-416/1997012
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-416/1997012
83-Work practice or	Z-Other	H-Health Physics	50-416/1997012
93-Awareness or att	Z-Other	Z-Other	50-416/1997012
83-Work practice or	G-Engineering	Q-Fire Protection	50-416/1997012
85-Team interaction	O-Operations	Z-Other	50-416/1997016
81-Work Package Qua	T-Training	Z-Other	50-416/1997016
93-Awareness or att	O-Operations	Z-Other	50-416/1997018
93-Awareness or att	O-Operations	Q-Fire Protection	50-416/1997018
83-Work practice or	Q-QA/QC	A-Administrative	50-416/1997018
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-416/1997018
92-Self check LTA	O-Operations	O-Control Room Ops	50-416/1997019
94-Log-keeping or r	O-Operations	A-Administrative	50-416/1997019
83-Work practice or	M-Mechanical	B-Bal of Plant Ops	50-416/1997019
83-Work practice or	M-Mechanical	B-Bal of Plant Ops	50-416/1997019
83-Work practice or	Z-Other	Z-Other	50-416/1997019
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-416/1997020
84-Non-conserv. dec	O-Operations	S-Surveillance	50-416/1997020
93-Awareness or att	G-Engineering	Z-Other	50-416/1997020

91-Verification / p	Z-Other	Z-Other	50-416/1997020
89-Housekeeping LTA	U-Unknown	R-Refueling	50-416/1997021
89-Housekeeping LTA	M-Mechanical	M-Maint / Repair	50-416/1997021
83-Work practice or	M-Mechanical	Q-Fire Protection	50-416/1997021
89-Housekeeping LTA	M-Mechanical	M-Maint / Repair	50-416/1997021
83-Work practice or	M-Mechanical	Q-Fire Protection	50-416/1997021
83-Work practice or	U-Unknown	H-Health Physics	50-416/1997021
84-Non-conserv. dec	Z-Other	Z-Other	50-416/1997021
83-Work practice or	G-Engineering	G-Design	50-416/1997021
83-Work practice or	G-Engineering	H-Health Physics	50-416/1997021
93-Awareness or att	O-Operations	O-Control Room Ops	50-416/1997022
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-416/1997022
91-Verification / p	O-Operations	O-Control Room Ops	50-416/1997022

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Work Factors IR			
Number of items: 66			
Percent of Total: 51.56			
83-Work practice or	E-Electrical	M-Maint / Repair	50-416/1997022
Work Factors ER			
Number of items: 0			
Percent of total: 0			
Work Factors LER			
Number of items: 4			
Percent of total: 3.13			
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-416/199700100
87-Non-conservati	O-Operations	O-Control Room Ops	50-416/199700100
87-Non-conservati	O-Operations	T-Testing	50-416/199700200
87-Non-conservati	M-Mechanical	T-Testing	50-416/199700400

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**[End of File for Plant Docket 416 (1997)]**

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