

1998 Human Factors Information System Report for Plant Docket 412

Combined IR/ER/LER Report
Docket: 50-412 BEAVER VALLEY 2

Total Number of Hits in Date Range: 169
From 01/01/1998 to 12/31/1998
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 6			
Percent of total: 3.55			
53-Communication LT	G-Engineering	G-Design	50-412/1997011
	G-Engineering		
53-Communication LT	M-Mechanical	M-Maint / Repair	50-412/1998001
	M-Mechanical		
52-Communication un	I-Instrumentation &	S-Surveillance	50-412/1998002
	I-Instrumentation &		
52-Communication un	O-Operations	S-Surveillance	50-412/1998003
	O-Operations		
53-Communication LT	O-Operations	S-Surveillance	50-412/1998003
	O-Operations		
52-Communication un	O-Operations	S-Surveillance	50-412/1998003
	O-Operations		

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: 24			
Percent of total: 14.2			
36-Scheduling and p	W-Work Control / Sc	T-Testing	50-412/1997009
36-Scheduling and p	W-Work Control / Sc	S-Surveillance	50-412/1997009
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-412/1997009
44-Corrective Actio	D-Emergency Plannin	Z-Other	50-412/1997009
33-Management expec	E-Electrical	F-Modification	50-412/1997011
33-Management expec	O-Operations	P-Procedure Dev	50-412/1998001
32-Supervision / co	O-Operations	P-Procedure Dev	50-412/1998001
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-412/1998001
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-412/1998001
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-412/1998001
33-Management expec	W-Work Control / Sc	M-Maint / Repair	50-412/1998001
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-412/1998001

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Management and Supervision IR			
Number of items: 24			
Percent of Total: 14.2			
36-Scheduling and p	W-Work Control / Sc	T-Testing	50-412/1998001
41-Action not begun	G-Engineering	Z-Other	50-412/1998001

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41-Action not begun	G-Engineering	Z-Other	50-412/1998001
36-Scheduling and p	W-Work Control / Sc	S-Surveillance	50-412/1998002
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-412/1998002
41-Action not begun	O-Operations	Z-Other	50-412/1998003
40-Individual Corre	O-Operations	Z-Other	50-412/1998003
44-Corrective Actio	O-Operations	Z-Other	50-412/1998003
32-Supervision / co	G-Engineering	F-Modification	50-412/1998003
40-Individual Corre	G-Engineering	Z-Other	50-412/1998003
41-Action not begun	G-Engineering	Z-Other	50-412/1998004
33-Management expec	G-Engineering	A-Administrative	50-412/1998080

Management and Supervision ER

Number of items: 0
Percent of total: 0

Management and Supervision LER

Number of items: 1
Percent of total: .59

48-Audits or proble	O-Operations	B-Bal of Plant Ops	50-334/199801000
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Organizational Issues IR

Number of items: 4
Percent of total: 2.37

28-Frequent use of	O-Operations	O-Control Room Ops	50-412/1997011
28-Frequent use of	O-Operations	O-Control Room Ops	50-412/1997011
28-Frequent use of	O-Operations	B-Bal of Plant Ops	50-412/1997011
21-Staffing LTA	G-Engineering	G-Design	50-412/1998080

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: 37
Percent of total: 21.89

12-Procedure techni	G-Engineering	G-Design	50-412/1997009
13-Procedure has hu	G-Engineering	M-Maint / Repair	50-412/1997009
11-No procedure / r	D-Emergency Plannin	D-Emergency Drill	50-412/1997009
12-Procedure techni	G-Engineering	G-Design	50-412/1997011
12-Procedure techni	G-Engineering	G-Design	50-412/1997011
12-Procedure techni	G-Engineering	G-Design	50-412/1998001
12-Procedure techni	G-Engineering	G-Design	50-412/1998001
12-Procedure techni	G-Engineering	G-Design	50-412/1998001
12-Procedure techni	G-Engineering	G-Design	50-412/1998001

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Procedures and Reference Document IR

Number of items: 37
Percent of Total: 21.89

13-Procedure has hu	G-Engineering	G-Design	50-412/1998001
12-Procedure techni	G-Engineering	G-Design	50-412/1998001
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-412/1998002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-412/1998002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-412/1998002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-412/1998002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-412/1998002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-412/1998002
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-412/1998002
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-412/1998002
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-412/1998003
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-412/1998003
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-412/1998003
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-412/1998003
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-412/1998003
12-Procedure techni	G-Engineering	G-Design	50-412/1998003
12-Procedure techni	G-Engineering	G-Design	50-412/1998003
12-Procedure techni	G-Engineering	G-Design	50-412/1998003
12-Procedure techni	G-Engineering	G-Design	50-412/1998003

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12-Procedure techni	G-Engineering	G-Design	50-412/1998003
12-Procedure techni	G-Engineering	G-Design	50-412/1998003
12-Procedure techni	H-Health Physics	P-Procedure Dev	50-412/1998003
12-Procedure techni	H-Health Physics	P-Procedure Dev	50-412/1998003
12-Procedure techni	H-Health Physics	P-Procedure Dev	50-412/1998003
12-Procedure techni	H-Health Physics	P-Procedure Dev	50-412/1998003
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-412/1998004
12-Procedure techni	G-Engineering	G-Design	50-412/1998004

Procedures and Reference Document ER

Number of items: 0
Percent of total: 0

Procedures and Reference Document LER

Number of items: 15
Percent of total: 8.88

12-Procedure techni	O-Operations	S-Surveillance	50-412/199800200
12-Procedure techni	I-Instrumentation &	C-Calibration	50-412/199800300
12-Procedure techni	I-Instrumentation &	T-Testing	50-412/199800300
12-Procedure techni	E-Electrical	S-Surveillance	50-412/199800600
14-Document develop	I-Instrumentation &	T-Testing	50-412/199800900
12-Procedure techni	E-Electrical	S-Surveillance	50-334/199800600
12-Procedure techni	E-Electrical	S-Surveillance	50-334/199800600
14-Document develop	E-Electrical	S-Surveillance	50-334/199800800
14-Document develop	E-Electrical	S-Surveillance	50-334/199800801
14-Document develop	E-Electrical	S-Surveillance	50-334/199801000
14-Document develop	I-Instrumentation &	S-Surveillance	50-334/199801300
14-Document develop	O-Operations	O-Control Room Ops	50-334/199801400
14-Document develop	O-Operations	O-Control Room Ops	50-334/199801400
12-Procedure techni	O-Operations	O-Control Room Ops	50-334/199801400

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Details	Department	Work Type	Docket/Report
12-Procedure techni	I-Instrumentation &	S-Surveillance	50-334/199801700

Training IR

Number of items: 7
Percent of total: 4.14

05-Individual knowl	E-Electrical	F-Modification	50-412/1997011
02-Training LTA	T-Training	Z-Other	50-412/1998001
05-Individual knowl	Z-Other	M-Maint / Repair	50-412/1998001
05-Individual knowl	O-Operations	M-Maint / Repair	50-412/1998003
05-Individual knowl	O-Operations	M-Maint / Repair	50-412/1998003
02-Training LTA	T-Training	O-Control Room Ops	50-412/1998003
02-Training LTA	T-Training	O-Control Room Ops	50-412/1998004

Training ER

Number of items: 0
Percent of total: 0

Training LER

Number of items: 6
Percent of total: 3.55

02-Training LTA	O-Operations	S-Surveillance	50-412/199800200
02-Training LTA	P-Procedure Writers	P-Procedure Dev	50-412/199800700
02-Training LTA	O-Operations	P-Procedure Dev	50-412/199800700
01-No Training	M-Mechanical	M-Maint / Repair	50-412/199801000
02-Training LTA	O-Operations	O-Control Room Ops	50-334/199801400
02-Training LTA	O-Operations	S-Surveillance	50-334/199801700

Work Factors IR

Number of items: 61
Percent of total: 36.09

93-Awareness or att	E-Electrical	S-Surveillance	50-412/1997009
81-Work Package Qua	G-Engineering	F-Modification	50-412/1997009
83-Work practice or	D-Emergency Plannin	A-Administrative	50-412/1997009
93-Awareness or att	D-Emergency Plannin	A-Administrative	50-412/1997009
85-Team interaction	B-Plant Management	A-Administrative	50-412/1997011
83-Work practice or	O-Operations	A-Administrative	50-412/1997011
81-Work Package Qua	W-Work Control / Sc	F-Modification	50-412/1997011
84-Non-conserv. dec	E-Electrical	F-Modification	50-412/1997011
84-Non-conserv. dec	G-Engineering	F-Modification	50-412/1997011
93-Awareness or att	W-Work Control / Sc	Q-Fire Protection	50-412/1997011
83-Work practice or	E-Electrical	M-Maint / Repair	50-412/1997011
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-412/1997011

82-Briefing, prep.	E-Electrical	M-Maint / Repair	50-412/1997011
81-Work Package Qua	W-Work Control / Sc	T-Testing	50-412/1997011
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-412/1998001
83-Work practice or	M-Mechanical	H-Health Physics	50-412/1998001
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-412/1998001
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-412/1998001
93-Awareness or att	M-Mechanical	A-Administrative	50-412/1998001
86-Work untimely	M-Mechanical	A-Administrative	50-412/1998001

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Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 61			
Percent of Total: 36.09			
86-Work untimely	M-Mechanical	A-Administrative	50-412/1998001
83-Work practice or	G-Engineering	G-Design	50-412/1998001
81-Work Package Qua	G-Engineering	G-Design	50-412/1998001
81-Work Package Qua	G-Engineering	F-Modification	50-412/1998001
93-Awareness or att	P-Procedure Writers	A-Administrative	50-412/1998002
93-Awareness or att	O-Operations	S-Surveillance	50-412/1998003
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-412/1998003
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-412/1998003
84-Non-conserv. dec	O-Operations	T-Testing	50-412/1998003
84-Non-conserv. dec	O-Operations	T-Testing	50-412/1998003
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-412/1998003
93-Awareness or att	I-Instrumentation &	S-Surveillance	50-412/1998003
91-Verification / p	I-Instrumentation &	S-Surveillance	50-412/1998003
93-Awareness or att	O-Operations	S-Surveillance	50-412/1998003
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-412/1998003
93-Awareness or att	O-Operations	M-Maint / Repair	50-412/1998003
84-Non-conserv. dec	O-Operations	S-Surveillance	50-412/1998003
84-Non-conserv. dec	P-Procedure Writers	S-Surveillance	50-412/1998003
82-Briefing, prep.	O-Operations	S-Surveillance	50-412/1998003
93-Awareness or att	P-Procedure Writers	A-Administrative	50-412/1998003
93-Awareness or att	P-Procedure Writers	A-Administrative	50-412/1998003
86-Work untimely	P-Procedure Writers	A-Administrative	50-412/1998003
85-Team interaction	Z-Other	P-Procedure Dev	50-412/1998003
91-Verification / p	O-Operations	S-Surveillance	50-412/1998003
84-Non-conserv. dec	O-Operations	S-Surveillance	50-412/1998003
93-Awareness or att	O-Operations	S-Surveillance	50-412/1998003
88-Tag outs LTA	I-Instrumentation &	M-Maint / Repair	50-412/1998003
88-Tag outs LTA	M-Mechanical	M-Maint / Repair	50-412/1998003
88-Tag outs LTA	E-Electrical	M-Maint / Repair	50-412/1998003
81-Work Package Qua	G-Engineering	F-Modification	50-412/1998003
81-Work Package Qua	G-Engineering	F-Modification	50-412/1998003
85-Team interaction	G-Engineering	F-Modification	50-412/1998003
84-Non-conserv. dec	G-Engineering	Z-Other	50-412/1998003
81-Work Package Qua	G-Engineering	F-Modification	50-412/1998003
91-Verification / p	G-Engineering	P-Procedure Dev	50-412/1998004
91-Verification / p	G-Engineering	P-Procedure Dev	50-412/1998004
83-Work practice or	G-Engineering	G-Design	50-412/1998004
83-Work practice or	G-Engineering	G-Design	50-412/1998004
81-Work Package Qua	G-Engineering	G-Design	50-412/1998080
83-Work practice or	G-Engineering	G-Design	50-412/1998080
83-Work practice or	G-Engineering	A-Administrative	50-412/1998080

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

Work Factors LER
Number of items: 8
Percent of total: 4.73
83-Work practice or O-Operations S-Surveillance 50-412/199800200
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Docket: 50-412 BEAVER VALLEY 2

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Details	Department	Work Type	Docket/Report
Work Factors LER			
Number of items: 8			
Percent of Total: 4.73			
83-Work practice or	I-Instrumentation &	P-Procedure Dev	50-412/199800800
83-Work practice or	I-Instrumentation &	P-Procedure Dev	50-412/199800800
84-Non-conserv. dec	Z-Other	P-Procedure Dev	50-334/199800900
83-Work practice or	I-Instrumentation &	P-Procedure Dev	50-334/199802300
83-Work practice or	I-Instrumentation &	P-Procedure Dev	50-334/199802300
83-Work practice or	I-Instrumentation &	P-Procedure Dev	50-334/199802300
83-Work practice or	I-Instrumentation &	G-Design	50-334/199802300
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[End of File for Plant Docket 412 (1998)]
