

# 2000 Human Factors Information System Report for Plant Docket 334

Combined IR/ER/LER Report  
Docket: 50-334 BEAVER VALLEY 1

Total Number of Hits in Date Range: 127  
From 01/01/2000 to 12/31/2000  
2x National Average: 144

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 3			
Percent of total: 2.36			
54-No communication	W-Work Control / Sc	V-Troubleshooting	50-334/1999010
	W-Work Control / Sc		
51-Misunderstood /	G-Engineering	M-Maint / Repair	50-334/2000001
	G-Engineering		
54-No communication	I-Instrumentation &	M-Maint / Repair	50-334/2000002
	I-Instrumentation &		
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: 41			
Percent of total: 32.28			
33-Management expec	B-Plant Management	Z-Other	50-334/1999010
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-334/1999010
33-Management expec	W-Work Control / Sc	A-Administrative	50-334/1999010
41-Action not begun	W-Work Control / Sc	Z-Other	50-334/1999010
41-Action not begun	W-Work Control / Sc	Z-Other	50-334/1999010
41-Action not begun	W-Work Control / Sc	Z-Other	50-334/1999010
41-Action not begun	O-Operations	Z-Other	50-334/1999010
47-Root Cause LTA	G-Engineering	Z-Other	50-334/1999010
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-334/1999010
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-334/1999010
41-Action not begun	W-Work Control / Sc	Z-Other	50-334/1999010
42-No action planne	W-Work Control / Sc	Z-Other	50-334/1999010
41-Action not begun	G-Engineering	Z-Other	50-334/1999010
41-Action not begun	G-Engineering	Z-Other	50-334/1999010
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-334/2000001
40-Individual Corre	W-Work Control / Sc	Z-Other	50-334/2000001
41-Action not begun	M-Mechanical	Z-Other	50-334/2000001
41-Action not begun	G-Engineering	Z-Other	50-334/2000001

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Management and Supervision IR			
Number of items: 41			
Percent of Total: 32.28			
32-Supervision / co	I-Instrumentation &	M-Maint / Repair	50-334/2000002
32-Supervision / co	I-Instrumentation &	M-Maint / Repair	50-334/2000002
41-Action not begun	G-Engineering	Z-Other	50-334/2000003
36-Scheduling and p	W-Work Control / Sc	T-Testing	50-334/2000005
36-Scheduling and p	W-Work Control / Sc	T-Testing	50-334/2000005
36-Scheduling and p	M-Mechanical	M-Maint / Repair	50-334/2000006
48-Audits or proble	Z-Other	Z-Other	50-334/2000006
40-Individual Corre	O-Operations	Z-Other	50-334/2000006
40-Individual Corre	O-Operations	Z-Other	50-334/2000006
44-Corrective Actio	O-Operations	Z-Other	50-334/2000006
32-Supervision / co	D-Emergency Plannin	D-Emergency Drill	50-334/2000007
44-Corrective Actio	G-Engineering	Z-Other	50-334/2000008
47-Root Cause LTA	G-Engineering	Z-Other	50-334/2000009
47-Root Cause LTA	G-Engineering	Z-Other	50-334/2000009
47-Root Cause LTA	G-Engineering	Z-Other	50-334/2000009
44-Corrective Actio	G-Engineering	Z-Other	50-334/2000009
42-No action planne	G-Engineering	Z-Other	50-334/2000009
44-Corrective Actio	I-Instrumentation &	Z-Other	50-334/2000009
41-Action not begun	I-Instrumentation &	Z-Other	50-334/2000009
47-Root Cause LTA	I-Instrumentation &	Z-Other	50-334/2000009
47-Root Cause LTA	I-Instrumentation &	Z-Other	50-334/2000009
47-Root Cause LTA	I-Instrumentation &	Z-Other	50-334/2000009
43-Operating Experi	I-Instrumentation &	Z-Other	50-334/2000009

Management and Supervision ER  
 Number of items: 0  
 Percent of total: 0

Management and Supervision LER  
 Number of items: 2  
 Percent of total: 1.57  
 40-Individual Corre M-Mechanical M-Maint / Repair 50-334/200000201  
 43-Operating Experi O-Operations O-Control Room Ops 50-334/200000700

Organizational Issues IR  
 Number of items: 2  
 Percent of total: 1.57  
 21-Staffing LTA I-Instrumentation & M-Maint / Repair 50-334/2000002  
 21-Staffing LTA I-Instrumentation & M-Maint / Repair 50-334/2000002

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: 11  
 Percent of total: 8.66  
 12-Procedure techni P-Procedure Writers P-Procedure Dev 50-334/1999010  
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Procedures and Reference Document IR

Number of items: 11  
 Percent of Total: 8.66

12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-334/1999010
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-334/1999010
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-334/1999010
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-334/1999010
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-334/2000001
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-334/2000001
12-Procedure techni	G-Engineering	M-Maint / Repair	50-334/2000003
12-Procedure techni	Z-Other	A-Administrative	50-334/2000006
12-Procedure techni	Z-Other	A-Administrative	50-334/2000006
13-Procedure has hu	D-Emergency Plannin	D-Emergency Drill	50-334/2000007

## 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: .79

12-Procedure techni	M-Mechanical	T-Testing	50-334/200000201
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## Training IR

Number of items: 12  
 Percent of total: 9.45

03-Training process	T-Training	A-Administrative	50-334/1999010
03-Training process	T-Training	Z-Other	50-334/1999010
02-Training LTA	T-Training	A-Administrative	50-334/1999010
02-Training LTA	T-Training	A-Administrative	50-334/1999010
05-Individual knowl	P-Procedure Writers	P-Procedure Dev	50-334/2000001
05-Individual knowl	P-Procedure Writers	P-Procedure Dev	50-334/2000001
02-Training LTA	T-Training	M-Maint / Repair	50-334/2000002
04-Task Qualificati	I-Instrumentation &	M-Maint / Repair	50-334/2000002
02-Training LTA	T-Training	F-Modification	50-334/2000002
03-Training process	T-Training	F-Modification	50-334/2000002
05-Individual knowl	D-Emergency Plannin	D-Emergency Drill	50-334/2000007
05-Individual knowl	D-Emergency Plannin	D-Emergency Drill	50-334/2000007

## Training ER

Number of items: 0  
 Percent of total: 0

## Training LER

Number of items: 0  
 Percent of total: 0

## Work Factors IR

Number of items: 50  
 Percent of total: 39.37

86-Work untimely	O-Operations	B-Bal of Plant Ops	50-334/1999010
93-Awareness or att	O-Operations	Z-Other	50-334/1999010
93-Awareness or att	O-Operations	Z-Other	50-334/1999010

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## Work Factors IR

Number of items: 50  
 Percent of Total: 39.37

83-Work practice or	T-Training	Z-Other	50-334/1999010
83-Work practice or	T-Training	Z-Other	50-334/1999010
83-Work practice or	T-Training	Z-Other	50-334/1999010
84-Non-conserv. dec	T-Training	Z-Other	50-334/1999010
93-Awareness or att	T-Training	A-Administrative	50-334/1999010
93-Awareness or att	T-Training	A-Administrative	50-334/1999010
86-Work untimely	W-Work Control / Sc	A-Administrative	50-334/1999010

## Human Factors Information System Report

83-Work practice or	W-Work Control / Sc	M-Maint / Repair	50-334/1999010
84-Non-conserv. dec	O-Operations	Z-Other	50-334/1999010
83-Work practice or	G-Engineering	G-Design	50-334/1999010
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-334/1999010
84-Non-conserv. dec	Q-QA/QC	Z-Other	50-334/1999010
84-Non-conserv. dec	P-Procedure Writers	P-Procedure Dev	50-334/2000001
81-Work Package Qua	O-Operations	O-Control Room Ops	50-334/2000001
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-334/2000001
86-Work untimely	O-Operations	A-Administrative	50-334/2000001
85-Team interaction	W-Work Control / Sc	M-Maint / Repair	50-334/2000001
85-Team interaction	G-Engineering	M-Maint / Repair	50-334/2000001
83-Work practice or	M-Mechanical	M-Maint / Repair	50-334/2000001
89-Housekeeping LTA	M-Mechanical	M-Maint / Repair	50-334/2000001
83-Work practice or	M-Mechanical	M-Maint / Repair	50-334/2000001
93-Awareness or att	E-Electrical	P-Procedure Dev	50-334/2000001
93-Awareness or att	E-Electrical	P-Procedure Dev	50-334/2000001
83-Work practice or	U-Unknown	H-Health Physics	50-334/2000002
89-Housekeeping LTA	U-Unknown	H-Health Physics	50-334/2000002
83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-334/2000002
83-Work practice or	M-Mechanical	H-Health Physics	50-334/2000002
83-Work practice or	G-Engineering	M-Maint / Repair	50-334/2000003
83-Work practice or	G-Engineering	M-Maint / Repair	50-334/2000003
83-Work practice or	G-Engineering	M-Maint / Repair	50-334/2000003
83-Work practice or	G-Engineering	M-Maint / Repair	50-334/2000003
93-Awareness or att	W-Work Control / Sc	M-Maint / Repair	50-334/2000003
84-Non-conserv. dec	G-Engineering	G-Design	50-334/2000003
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-334/2000005
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-334/2000005
84-Non-conserv. dec	G-Engineering	V-Troubleshooting	50-334/2000005
83-Work practice or	G-Engineering	G-Design	50-334/2000005
84-Non-conserv. dec	G-Engineering	Z-Other	50-334/2000005
85-Team interaction	M-Mechanical	M-Maint / Repair	50-334/2000006
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-334/2000006
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-334/2000006
93-Awareness or att	Z-Other	A-Administrative	50-334/2000006
84-Non-conserv. dec	G-Engineering	Z-Other	50-334/2000009
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-334/2000010
84-Non-conserv. dec	Z-Other	M-Maint / Repair	50-334/2000010
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-334/2000010
83-Work practice or	F-Fuel Handling	H-Health Physics	50-334/2000011

## Work Factors ER

Number of items: 0  
Percent of total: 0

## Work Factors LER

Number of items: 5  
Percent of total: 3.94

92-Self check LTA E-Electrical T-Testing 50-334/200000400  
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## Work Factors LER

Number of items: 5  
Percent of Total: 3.94

84-Non-conserv. dec	E-Electrical	T-Testing	50-334/200000400
83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-334/200000500
84-Non-conserv. dec	I-Instrumentation &	M-Maint / Repair	50-334/200000500
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-334/200000700

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