

# 2000 Human Factors Information System Report for Plant Docket 336

Combined IR/ER/LER Report  
Docket: 50-336 MILLSTONE 2

Total Number of Hits in Date Range: 113  
From 01/01/2000 to 12/31/2000  
2x National Average: 144

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 1			
Percent of total: .88			
53-Communication LT	M-Mechanical	M-Maint / Repair	50-336/2000008
	O-Operations		
	W-Work Control / Sc		
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: 40			
Percent of total: 35.4			
40-Individual Corre	O-Operations	Z-Other	50-336/2000001
32-Supervision / co	T-Training	A-Administrative	50-336/2000001
41-Action not begun	Z-Other	Z-Other	50-336/2000002
33-Management expec	B-Plant Management	Z-Other	50-336/2000002
44-Corrective Actio	Z-Other	Z-Other	50-336/2000002
40-Individual Corre	E-Electrical	Z-Other	50-336/2000003
47-Root Cause LTA	G-Engineering	Z-Other	50-336/2000003
40-Individual Corre	G-Engineering	Z-Other	50-336/2000003
44-Corrective Actio	Z-Other	Z-Other	50-336/2000003
40-Individual Corre	O-Operations	Z-Other	50-336/2000006
44-Corrective Actio	D-Emergency Plannin	Z-Other	50-336/2000006
32-Supervision / co	D-Emergency Plannin	D-Emergency Drill	50-336/2000006
42-No action planne	O-Operations	Q-Fire Protection	50-336/2000008
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-336/2000008
32-Supervision / co	O-Operations	M-Maint / Repair	50-336/2000008
47-Root Cause LTA	O-Operations	Z-Other	50-336/2000008
40-Individual Corre	G-Engineering	Z-Other	50-336/2000008
43-Operating Experi	G-Engineering	Z-Other	50-336/2000008
44-Corrective Actio	G-Engineering	Z-Other	50-336/2000008
41-Action not begun	O-Operations	Z-Other	50-336/2000009
41-Action not begun	O-Operations	S-Surveillance	50-336/2000011

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Combined IR/ER/LER Report  
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# Human Factors Investigation System Report

Total Number of Hits in Date Range: 113  
 From 01/01/2000 to 12/31/2000  
 2x National Average: 144

Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 40			
Percent of Total: 35.4			
41-Action not begun	G-Engineering	S-Surveillance	50-336/2000011
40-Individual Corre	G-Engineering	M-Maint / Repair	50-336/2000011
44-Corrective Actio	G-Engineering	Z-Other	50-336/2000011
40-Individual Corre	G-Engineering	M-Maint / Repair	50-336/2000011
40-Individual Corre	Z-Other	Z-Other	50-336/2000017
44-Corrective Actio	G-Engineering	Z-Other	50-336/2000017
40-Individual Corre	G-Engineering	Z-Other	50-336/2000017
40-Individual Corre	G-Engineering	Z-Other	50-336/2000017
44-Corrective Actio	G-Engineering	Z-Other	50-336/2000017
44-Corrective Actio	G-Engineering	Z-Other	50-336/2000017
40-Individual Corre	G-Engineering	Z-Other	50-336/2000017
40-Individual Corre	G-Engineering	Z-Other	50-336/2000017
40-Individual Corre	G-Engineering	Z-Other	50-336/2000017
40-Individual Corre	G-Engineering	Z-Other	50-336/2000017
40-Individual Corre	G-Engineering	Z-Other	50-336/2000017
40-Individual Corre	G-Engineering	Z-Other	50-336/2000017
47-Root Cause LTA	G-Engineering	Z-Other	50-336/2000017

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

Management and Supervision LER  
 Number of items: 4  
 Percent of total: 3.54

33-Management expec	O-Operations	O-Control Room Ops	50-336/200000500
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-336/200000900
33-Management expec	G-Engineering	F-Modification	50-336/200001300
47-Root Cause LTA	O-Operations	V-Troubleshooting	50-336/200100500

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: 12			
Percent of total: 10.62			
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-336/2000001
13-Procedure has hu	Z-Other	Z-Other	50-336/2000001
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-336/2000003
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-336/2000006

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Procedures and Reference Document IR  
 Number of items: 12  
 Percent of Total: 10.62

## Human Factors Information System Report

12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-336/2000006
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-336/2000008
12-Procedure techni	G-Engineering	G-Design	50-336/2000009
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-336/2000011
12-Procedure techni	G-Engineering	G-Design	50-336/2000015
12-Procedure techni	G-Engineering	G-Design	50-336/2000015
12-Procedure techni	G-Engineering	G-Design	50-336/2000015

## Procedures and Reference Document ER

Number of items: 0  
Percent of total: 0

## Procedures and Reference Document LER

Number of items: 12  
Percent of total: 10.62

12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-336/200000200
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-336/200000300
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-336/200000400
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-336/200000500
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-336/200000700
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-336/200000700
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-336/200000801
12-Procedure techni	O-Operations	T-Testing	50-336/200000801
12-Procedure techni	O-Operations	O-Control Room Ops	50-336/200001100
14-Document develop	P-Procedure Writers	F-Modification	50-336/200001100
12-Procedure techni	O-Operations	M-Maint / Repair	50-336/200001100
12-Procedure techni	P-Procedure Writers	M-Maint / Repair	50-336/200001201

## Training IR

Number of items: 0  
Percent of total: 0

## 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: 31  
Percent of total: 27.43

88-Tag outs LTA	W-Work Control / Sc	M-Maint / Repair	50-336/2000001
93-Awareness or att	Z-Other	A-Administrative	50-336/2000002
93-Awareness or att	Z-Other	A-Administrative	50-336/2000002
86-Work untimely	Z-Other	A-Administrative	50-336/2000002
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-336/2000003
83-Work practice or	E-Electrical	M-Maint / Repair	50-336/2000003

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## Work Factors IR

Number of items: 31  
Percent of Total: 27.43

85-Team interaction	G-Engineering	Z-Other	50-336/2000003
86-Work untimely	D-Emergency Plannin	D-Emergency Drill	50-336/2000004
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-336/2000006
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-336/2000006
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-336/2000006
83-Work practice or	G-Engineering	G-Design	50-336/2000006
93-Awareness or att	G-Engineering	F-Modification	50-336/2000006
84-Non-conserv. dec	G-Engineering	F-Modification	50-336/2000006
93-Awareness or att	I-Instrumentation &	S-Surveillance	50-336/2000006

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93-Awareness or att	W-Work Control / Sc	M-Maint / Repair	50-336/2000007
93-Awareness or att	O-Operations	S-Surveillance	50-336/2000007
91-Verification / p	O-Operations	S-Surveillance	50-336/2000007
83-Work practice or	O-Operations	S-Surveillance	50-336/2000007
84-Non-conserv. dec	O-Operations	S-Surveillance	50-336/2000007
93-Awareness or att	O-Operations	Q-Fire Protection	50-336/2000008
81-Work Package Qua	G-Engineering	Z-Other	50-336/2000008
84-Non-conserv. dec	Z-Other	A-Administrative	50-336/2000008
81-Work Package Qua	G-Engineering	G-Design	50-336/2000009
93-Awareness or att	O-Operations	S-Surveillance	50-336/2000009
93-Awareness or att	G-Engineering	F-Modification	50-336/2000009
93-Awareness or att	G-Engineering	F-Modification	50-336/2000009
91-Verification / p	G-Engineering	S-Surveillance	50-336/2000015
81-Work Package Qua	G-Engineering	F-Modification	50-336/2000017
84-Non-conserv. dec	Z-Other	Z-Other	50-336/2000017
84-Non-conserv. dec	G-Engineering	S-Surveillance	50-336/2000017

## Work Factors ER

Number of items: 0  
Percent of total: 0

## Work Factors LER

Number of items: 13  
Percent of total: 11.5

91-Verification / p	O-Operations	T-Testing	50-336/1999014__
84-Non-conserv. dec	O-Operations	S-Surveillance	50-336/200000400
84-Non-conserv. dec	O-Operations	S-Surveillance	50-336/200000400
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-336/200000500
81-Work Package Qua	G-Engineering	F-Modification	50-336/200000700
85-Team interaction	O-Operations	M-Maint / Repair	50-336/200000900
85-Team interaction	O-Operations	M-Maint / Repair	50-336/200000900
85-Team interaction	Z-Other	M-Maint / Repair	50-336/200000900
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-336/200000900
91-Verification / p	O-Operations	M-Maint / Repair	50-336/200000900
92-Self check LTA	G-Engineering	F-Modification	50-336/200001300
83-Work practice or	O-Operations	S-Surveillance	50-336/200001500
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-336/200100500

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**[End of File for Plant Docket 336 (2000)]**

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