

# 1998 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: 117  
From 01/01/1998 to 12/31/1998  
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 5			
Percent of total: 4.27			
53-Communication LT	O-Operations	Z-Other	50-336/1997085
	O-Operations		
54-No communication	T-Training	A-Administrative	50-336/1997085
	T-Training		
53-Communication LT	O-Operations	A-Administrative	50-336/1998206
	O-Operations		
54-No communication	E-Electrical	M-Maint / Repair	50-336/1998207
	E-Electrical		
53-Communication LT	G-Engineering	A-Administrative	50-336/1998207
	G-Engineering		

Communications ER  
Number of items: 0  
Percent of total: 0

Communications LER  
Number of items: 0  
Percent of total: 0

Details	Department	Work Type	Docket/Report
Human-System Interface and Environm IR			
Number of items: 1			
Percent of total: .85			
76-Postings LTA	H-Health Physics	H-Health Physics	50-336/1997207

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

Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 17			
Percent of total: 14.53			
36-Scheduling and p	O-Operations	Q-Fire Protection	50-336/1997084
32-Supervision / co	O-Operations	Q-Fire Protection	50-336/1997084
44-Corrective Actio	O-Operations	Q-Fire Protection	50-336/1997084
32-Supervision / co	O-Operations	Z-Other	50-336/1997085
48-Audits or proble	T-Training	A-Administrative	50-336/1997085
47-Root Cause LTA	O-Operations	Z-Other	50-336/1997207
41-Action not begun	Q-QA/QC	Z-Other	50-336/1997207
48-Audits or proble	Q-QA/QC	Q-Fire Protection	50-336/1997211
32-Supervision / co	Q-QA/QC	A-Administrative	50-336/1997211
47-Root Cause LTA	G-Engineering	G-Design	50-336/1997211
41-Action not begun	G-Engineering	Z-Other	50-336/1998002
44-Corrective Actio	P-Procedure Writers	Z-Other	50-336/1998207
40-Individual Corre	O-Operations	Z-Other	50-336/1998207

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Management and Supervision IR			
Number of items: 17			
Percent of Total: 14.53			
32-Supervision / co	H-Health Physics	H-Health Physics	50-336/1998207
40-Individual Corre	G-Engineering	Z-Other	50-336/1998208

33-Management expect H-Health Physics H-Health Physics 50-336/1998212  
 32-Supervision / co H-Health Physics H-Health Physics 50-336/1998212

## Management and Supervision ER

Number of items: 0  
 Percent of total: 0

## Management and Supervision LER

Number of items: 1  
 Percent of total: .85

43-Operating Experi A-Administrative Su A-Administrative 50-336/199801000

## Organizational Issues IR

Number of items: 1  
 Percent of total: .85

21-Staffing LTA G-Engineering G-Design 50-336/1998002

## 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: 31  
 Percent of total: 26.5

12-Procedure techni G-Engineering G-Design 50-336/1997084  
 12-Procedure techni G-Engineering G-Design 50-336/1997084  
 12-Procedure techni G-Engineering G-Design 50-336/1997084  
 12-Procedure techni O-Operations Q-Fire Protection 50-336/1997084  
 12-Procedure techni O-Operations Q-Fire Protection 50-336/1997084  
 12-Procedure techni O-Operations Q-Fire Protection 50-336/1997084  
 12-Procedure techni G-Engineering G-Design 50-336/1997207  
 13-Procedure has hu G-Engineering G-Design 50-336/1998004  
 12-Procedure techni P-Procedure Writers P-Procedure Dev 50-336/1998206  
 14-Document develop P-Procedure Writers P-Procedure Dev 50-336/1998207  
 14-Document develop P-Procedure Writers P-Procedure Dev 50-336/1998207  
 14-Document develop P-Procedure Writers P-Procedure Dev 50-336/1998207  
 11-No procedure / r P-Procedure Writers P-Procedure Dev 50-336/1998207  
 11-No procedure / r P-Procedure Writers P-Procedure Dev 50-336/1998207  
 11-No procedure / r P-Procedure Writers P-Procedure Dev 50-336/1998207  
 12-Procedure techni P-Procedure Writers P-Procedure Dev 50-336/1998207  
 12-Procedure techni P-Procedure Writers P-Procedure Dev 50-336/1998207  
 13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-336/1998207  
 12-Procedure techni P-Procedure Writers P-Procedure Dev 50-336/1998207  
 12-Procedure techni P-Procedure Writers P-Procedure Dev 50-336/1998207

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## Procedures and Reference Document IR

Number of items: 31  
 Percent of Total: 26.5

12-Procedure techni P-Procedure Writers P-Procedure Dev 50-336/1998207  
 12-Procedure techni P-Procedure Writers P-Procedure Dev 50-336/1998207  
 11-No procedure / r P-Procedure Writers P-Procedure Dev 50-336/1998207  
 13-Procedure has hu G-Engineering P-Procedure Dev 50-336/1998208  
 13-Procedure has hu G-Engineering P-Procedure Dev 50-336/1998208  
 13-Procedure has hu G-Engineering P-Procedure Dev 50-336/1998208  
 13-Procedure has hu G-Engineering P-Procedure Dev 50-336/1998208  
 14-Document develop P-Procedure Writers P-Procedure Dev 50-336/1998212  
 14-Document develop P-Procedure Writers P-Procedure Dev 50-336/1998212  
 13-Procedure has hu P-Procedure Writers P-Procedure Dev 50-336/1998212  
 12-Procedure techni G-Engineering G-Design 50-336/1998212

## Procedures and Reference Document ER

Number of items: 0  
 Percent of total: 0

## Procedures and Reference Document LER

Number of items: 0  
 Percent of total: 0

## Training IR

Number of items: 3

Percent of total: 2.56

02-Training LTA	T-Training	Z-Other	50-336/1997207
02-Training LTA	T-Training	O-Control Room Ops	50-336/1998206
03-Training process	T-Training	Z-Other	50-336/1998208

## 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: 57

Percent of total: 48.72

83-Work practice or	O-Operations	A-Administrative	50-336/1997084
81-Work Package Qua	G-Engineering	Q-Fire Protection	50-336/1997084
83-Work practice or	G-Engineering	Q-Fire Protection	50-336/1997084
83-Work practice or	G-Engineering	A-Administrative	50-336/1997084
82-Briefing, prep.	O-Operations	Z-Other	50-336/1997085
83-Work practice or	T-Training	A-Administrative	50-336/1997085
83-Work practice or	T-Training	Z-Other	50-336/1997085
83-Work practice or	E-Electrical	M-Maint / Repair	50-336/1997207
84-Non-conserv. dec	E-Electrical	M-Maint / Repair	50-336/1997207
92-Self check LTA	E-Electrical	M-Maint / Repair	50-336/1997207
83-Work practice or	W-Work Control / Sc	A-Administrative	50-336/1997207
81-Work Package Qua	G-Engineering	G-Design	50-336/1997207

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## Work Factors IR

Number of items: 57

Percent of Total: 48.72

81-Work Package Qua	G-Engineering	G-Design	50-336/1997211
93-Awareness or att	G-Engineering	A-Administrative	50-336/1997211
81-Work Package Qua	G-Engineering	G-Design	50-336/1997211
93-Awareness or att	A-Administrative Su	A-Administrative	50-336/1997211
93-Awareness or att	G-Engineering	G-Design	50-336/1997211
83-Work practice or	G-Engineering	G-Design	50-336/1997211
83-Work practice or	G-Engineering	G-Design	50-336/1997211
83-Work practice or	G-Engineering	G-Design	50-336/1997211
81-Work Package Qua	G-Engineering	G-Design	50-336/1997211
84-Non-conserv. dec	G-Engineering	G-Design	50-336/1998002
83-Work practice or	G-Engineering	G-Design	50-336/1998002
83-Work practice or	G-Engineering	G-Design	50-336/1998002
93-Awareness or att	G-Engineering	G-Design	50-336/1998002
86-Work untimely	G-Engineering	G-Design	50-336/1998002
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-336/1998002
81-Work Package Qua	G-Engineering	G-Design	50-336/1998004
81-Work Package Qua	G-Engineering	G-Design	50-336/1998004
93-Awareness or att	G-Engineering	G-Design	50-336/1998004
93-Awareness or att	P-Procedure Writers	P-Procedure Dev	50-336/1998004
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-336/1998206
93-Awareness or att	W-Work Control / Sc	M-Maint / Repair	50-336/1998207
93-Awareness or att	W-Work Control / Sc	M-Maint / Repair	50-336/1998207
91-Verification / p	M-Mechanical	M-Maint / Repair	50-336/1998207
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-336/1998207
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-336/1998207
83-Work practice or	M-Mechanical	M-Maint / Repair	50-336/1998207
92-Self check LTA	O-Operations	B-Bal of Plant Ops	50-336/1998207
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-336/1998207
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-336/1998207
92-Self check LTA	E-Electrical	M-Maint / Repair	50-336/1998207
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-336/1998207
93-Awareness or att	E-Electrical	A-Administrative	50-336/1998207
84-Non-conserv. dec	E-Electrical	M-Maint / Repair	50-336/1998207
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-336/1998207
83-Work practice or	P-Procedure Writers	A-Administrative	50-336/1998207
83-Work practice or	Z-Other	A-Administrative	50-336/1998208
84-Non-conserv. dec	Z-Other	Z-Other	50-336/1998208
83-Work practice or	Z-Other	Z-Other	50-336/1998208

83-Work practice or	G-Engineering	G-Design	50-336/1998212
84-Non-conserv. dec	H-Health Physics	H-Health Physics	50-336/1998212
84-Non-conserv. dec	H-Health Physics	H-Health Physics	50-336/1998212
83-Work practice or	H-Health Physics	H-Health Physics	50-336/1998212
85-Team interaction	Q-QA/QC	H-Health Physics	50-336/1998212
85-Team interaction	H-Health Physics	H-Health Physics	50-336/1998212
83-Work practice or	H-Health Physics	A-Administrative	50-336/1998212

Work Factors ER

Number of items: 0  
Percent of total: 0

Work Factors LER

Number of items: 1  
Percent of total: .85

83-Work practice or	G-Engineering	G-Design	50-336/199800500
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**[End of File for Plant Docket 336 (1998)]**

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