

# 1997 Human Factors Information System Report for Plant Docket 423

Combined IR/ER/LER Report  
Docket: 50-423 MILLSTONE 3

Total Number of Hits in Date Range: 125  
From 01/01/1997 to 12/31/1997  
2x National Average: 213

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 4			
Percent of total: 3.2			
53-Communication	LT G-Engineering	A-Administrative	50-423/1997202
	G-Engineering		
52-Communication	un O-Operations	D-Emergency Drill	50-423/1997202
	O-Operations		
55-Communication	Eq D-Emergency Plannin	D-Emergency Drill	50-423/1997202
	D-Emergency Plannin		
53-Communication	LT H-Health Physics	D-Emergency Drill	50-423/1997202
	H-Health Physics		
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 5			
Percent of total: 4.			
53-Communication	LT E-Electrical	T-Testing	50-423/199700100
53-Communication	LT M-Mechanical	M-Maint / Repair	50-423/199701200
53-Communication	LT G-Engineering	O-Control Room Ops	50-423/199702900
53-Communication	LT P-Procedure Writers	P-Procedure Dev	50-423/199706201
	P-Procedure Writers		
53-Communication	LT P-Procedure Writers	P-Procedure Dev	50-423/199706201
	P-Procedure Writers		
Human-System Interface and Environm IR			
Number of items: 2			
Percent of total: 1.6			
61-Labels	LTA O-Operations	B-Bal of Plant Ops	50-423/1997202
63-Size, shape or c	O-Operations	B-Bal of Plant Ops	50-423/1997202
Human-System Interface and Environm ER			
Number of items: 0			
Percent of total: 0			
Human-System Interface and Environm LER			
Number of items: 4			
Percent of total: 3.2			
62-Information orga	O-Operations	C-Calibration	50-423/199703900
62-Information orga	O-Operations	O-Control Room Ops	50-423/199703900
62-Information orga	I-Instrumentation &	C-Calibration	50-423/199703900
62-Information orga	I-Instrumentation &	O-Control Room Ops	50-423/199703900

Management and Supervision IR

Number of items: 11

Percent of total: 8.8

33-Management expec B-Plant Management U-Unknown 50-423/1996009

40-Individual Corre H-Health Physics H-Health Physics 50-423/1997002

32-Supervision / co C-Chemistry C-Calibration 50-423/1997002

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Management and Supervision IR			
Number of items: 11			
Percent of Total: 8.8			
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-423/1997202

40-Individual Corre	T-Training	Z-Other	50-423/1997202
33-Management expec	H-Health Physics	H-Health Physics	50-423/1997202
36-Scheduling and p	W-Work Control / Sc	H-Health Physics	50-423/1997202
32-Supervision / co	O-Operations	D-Emergency Drill	50-423/1997202
40-Individual Corre	I-Instrumentation &	Z-Other	50-423/1997203
40-Individual Corre	G-Engineering	Z-Other	50-423/1997203
40-Individual Corre	G-Engineering	G-Design	50-423/1997203

## Management and Supervision ER

Number of items: 0

Percent of total: 0

## Management and Supervision LER

Number of items: 8

Percent of total: 6.4

32-Supervision / co	E-Electrical	A-Administrative	50-423/199700200
32-Supervision / co	I-Instrumentation &	T-Testing	50-423/199700400
32-Supervision / co	I-Instrumentation &	T-Testing	50-423/199700500
40-Individual Corre	B-Plant Management	Q-Fire Protection	50-423/199700900
32-Supervision / co	A-Administrative Su	O-Control Room Ops	50-423/199700900
43-Operating Experi	B-Plant Management	Q-Fire Protection	50-423/199700900
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-423/199701200
40-Individual Corre	P-Procedure Writers	P-Procedure Dev	50-423/199706201

## Organizational Issues IR

Number of items: 1

Percent of total: .8

21-Staffing LTA	H-Health Physics	U-Unknown	50-423/1996009
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## 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: 16

Percent of total: 12.8

11-No procedure / r	M-Mechanical	U-Unknown	50-423/1996009
12-Procedure techni	H-Health Physics	U-Unknown	50-423/1996009
11-No procedure / r	M-Mechanical	U-Unknown	50-423/1996009
14-Document develop	B-Plant Management	U-Unknown	50-423/1996009
12-Procedure techni	G-Engineering	G-Design	50-423/1997002
12-Procedure techni	G-Engineering	G-Design	50-423/1997002
12-Procedure techni	G-Engineering	G-Design	50-423/1997002
12-Procedure techni	G-Engineering	G-Design	50-423/1997202
12-Procedure techni	G-Engineering	G-Design	50-423/1997202

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## Procedures and Reference Document IR

Number of items: 16

Percent of Total: 12.8

11-No procedure / r	G-Engineering	S-Surveillance	50-423/1997202
12-Procedure techni	G-Engineering	G-Design	50-423/1997202
12-Procedure techni	G-Engineering	G-Design	50-423/1997203
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-423/1997203
12-Procedure techni	G-Engineering	G-Design	50-423/1997203
12-Procedure techni	G-Engineering	G-Design	50-423/1997203
12-Procedure techni	G-Engineering	G-Design	50-423/1997203

## Procedures and Reference Document ER

Number of items: 0

Percent of total: 0

## Procedures and Reference Document LER

Number of items: 13

Percent of total: 10.4

13-Procedure has hu	E-Electrical	A-Administrative	50-423/199700200
13-Procedure has hu	I-Instrumentation &	T-Testing	50-423/199700400
13-Procedure has hu	I-Instrumentation &	T-Testing	50-423/199700500
12-Procedure techni	O-Operations	O-Control Room Ops	50-423/199700600

11-No procedure / r	G-Engineering	G-Design	50-423/199700700
13-Procedure has hu	O-Operations	O-Control Room Ops	50-423/199701400
11-No procedure / r	O-Operations	V-Troubleshooting	50-423/199702400
11-No procedure / r	C-Chemistry	V-Troubleshooting	50-423/199702400
13-Procedure has hu	O-Operations	C-Calibration	50-423/199703900
13-Procedure has hu	O-Operations	O-Control Room Ops	50-423/199703900
13-Procedure has hu	I-Instrumentation &	C-Calibration	50-423/199703900
13-Procedure has hu	I-Instrumentation &	O-Control Room Ops	50-423/199703900
14-Document develop	I-Instrumentation &	T-Testing	50-423/199706200

## Training IR

Number of items: 8

Percent of total: 6.4

02-Training LTA	T-Training	H-Health Physics	50-423/1997002
06-Simulator fideli	T-Training	Z-Other	50-423/1997004
02-Training LTA	T-Training	M-Maint / Repair	50-423/1997202
03-Training process	T-Training	Z-Other	50-423/1997202
03-Training process	T-Training	Z-Other	50-423/1997202
03-Training process	T-Training	Z-Other	50-423/1997202
03-Training process	T-Training	Z-Other	50-423/1997202
02-Training LTA	T-Training	G-Design	50-423/1997202

## Training ER

Number of items: 0

Percent of total: 0

## Training LER

Number of items: 5

Percent of total: 4.

02-Training LTA	A-Administrative Su	O-Control Room Ops	50-423/199700900
02-Training LTA	A-Administrative Su	O-Control Room Ops	50-423/199700900

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## Training LER

Number of items: 5

Percent of Total: 4.

02-Training LTA	O-Operations	V-Troubleshooting	50-423/199702400
02-Training LTA	C-Chemistry	V-Troubleshooting	50-423/199702400
02-Training LTA	G-Engineering	F-Modification	50-423/199705700

## Work Factors IR

Number of items: 41

Percent of total: 32.8

87-Non-conservati	H-Health Physics	U-Unknown	50-423/1996009
81-Work Package Qua	M-Mechanical	U-Unknown	50-423/1996009
83-Work practice or	E-Electrical	U-Unknown	50-423/1996009
84-Non-conserv. dec	M-Mechanical	U-Unknown	50-423/1996009
87-Non-conservati	O-Operations	U-Unknown	50-423/1996009
81-Work Package Qua	G-Engineering	G-Design	50-423/1997002
83-Work practice or	G-Engineering	F-Modification	50-423/1997002
81-Work Package Qua	G-Engineering	F-Modification	50-423/1997002
83-Work practice or	M-Mechanical	A-Administrative	50-423/1997002
83-Work practice or	M-Mechanical	M-Maint / Repair	50-423/1997002
83-Work practice or	G-Engineering	G-Design	50-423/1997002
83-Work practice or	U-Unknown	H-Health Physics	50-423/1997002
81-Work Package Qua	G-Engineering	G-Design	50-423/1997080
83-Work practice or	M-Mechanical	M-Maint / Repair	50-423/1997202
83-Work practice or	G-Engineering	G-Design	50-423/1997202
86-Work untimely	O-Operations	O-Control Room Ops	50-423/1997202
81-Work Package Qua	G-Engineering	G-Design	50-423/1997202
83-Work practice or	G-Engineering	G-Design	50-423/1997202
83-Work practice or	G-Engineering	G-Design	50-423/1997202
83-Work practice or	G-Engineering	G-Design	50-423/1997202
83-Work practice or	G-Engineering	A-Administrative	50-423/1997202
83-Work practice or	G-Engineering	G-Design	50-423/1997202
93-Awareness or att	D-Emergency Plannin	D-Emergency Drill	50-423/1997202
83-Work practice or	H-Health Physics	D-Emergency Drill	50-423/1997202
84-Non-conserv. dec	H-Health Physics	D-Emergency Drill	50-423/1997202
83-Work practice or	H-Health Physics	D-Emergency Drill	50-423/1997202
83-Work practice or	G-Engineering	G-Design	50-423/1997203
83-Work practice or	I-Instrumentation &	Z-Other	50-423/1997203
83-Work practice or	I-Instrumentation &	Z-Other	50-423/1997203
83-Work practice or	G-Engineering	G-Design	50-423/1997203
83-Work practice or	G-Engineering	A-Administrative	50-423/1997203

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83-Work practice or	G-Engineering	G-Design	50-423/1997203
83-Work practice or	G-Engineering	G-Design	50-423/1997203
83-Work practice or	M-Mechanical	H-Health Physics	50-423/1997203
93-Awareness or att	H-Health Physics	H-Health Physics	50-423/1997203
83-Work practice or	A-Administrative Su	A-Administrative	50-423/1997203
83-Work practice or	A-Administrative Su	A-Administrative	50-423/1997203
83-Work practice or	G-Engineering	A-Administrative	50-423/1997203
86-Work untimely	G-Engineering	P-Procedure Dev	50-423/1997203
83-Work practice or	G-Engineering	G-Design	50-423/1997203
83-Work practice or	G-Engineering	G-Design	50-423/1997203
83-Work practice or	G-Engineering	G-Design	50-423/1997203

## Work Factors ER

Number of items: 0

Percent of total: 0

## Work Factors LER

Number of items: 7

Percent of total: 5.6

87-Non-conservati M-Mechanical M-Maint / Repair 50-423/199701200

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## Work Factors LER

Number of items: 7

Percent of Total: 5.6

87-Non-conservati O-Operations O-Control Room Ops 50-423/199701400

87-Non-conservati G-Engineering T-Testing 50-423/199702600

87-Non-conservati M-Mechanical T-Testing 50-423/199702700

87-Non-conservati O-Operations T-Testing 50-423/199704900

87-Non-conservati G-Engineering F-Modification 50-423/199705700

83-Work practice or P-Procedure Writers P-Procedure Dev 50-423/199706201

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**[End of File for Plant Docket 423 (1997)]**