

1998 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: 377
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: 1.33			
53-Communication LT	B-Plant Management B-Plant Management	Z-Other	50-423/1997082
52-Communication un	G-Engineering G-Engineering	G-Design	50-423/1997083
52-Communication un	O-Operations O-Operations	A-Administrative	50-423/1997083
54-No communication	T-Training T-Training	A-Administrative	50-423/1997085
53-Communication LT	G-Engineering G-Engineering	G-Design	50-423/1997207
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 6			
Percent of total: 1.59			
51-Misunderstood /	W-Work Control / Sc W-Work Control / Sc	T-Testing	50-423/199800500
51-Misunderstood /	W-Work Control / Sc W-Work Control / Sc	T-Testing	50-423/199800500
53-Communication LT	M-Mechanical M-Mechanical	U-Unknown	50-423/199801100
53-Communication LT	U-Unknown U-Unknown	G-Design	50-423/199801100
51-Misunderstood /	C-Chemistry O-Operations	T-Testing	50-423/199801300
53-Communication LT	G-Engineering G-Engineering	G-Design	50-423/199802600
Human-System Interface and Environm IR			
Number of items: 10			
Percent of total: 2.65			
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-423/1997083
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-423/1997083
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-423/1997083
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-423/1997083
62-Information orga	O-Operations	O-Control Room Ops	50-423/1997207
62-Information orga	O-Operations	O-Control Room Ops	50-423/1997207
61-Labels LTA	C-Chemistry	B-Bal of Plant Ops	50-423/1998001
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-423/1998207
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-423/1998207
62-Information orga	Z-Other	Z-Other	50-423/1998207
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: 79			
Percent of total: 20.95			
32-Supervision / co	B-Plant Management	A-Administrative	50-423/1997082

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Management and Supervision IR			
Number of items: 79			
Percent of Total: 20.95			
44-Corrective Actio	B-Plant Management	A-Administrative	50-423/1997082
40-Individual Corre	G-Engineering	Z-Other	50-423/1997082
47-Root Cause LTA	G-Engineering	Z-Other	50-423/1997082
47-Root Cause LTA	G-Engineering	Z-Other	50-423/1997082
40-Individual Corre	G-Engineering	Z-Other	50-423/1997082
47-Root Cause LTA	G-Engineering	Z-Other	50-423/1997082
47-Root Cause LTA	G-Engineering	Z-Other	50-423/1997082
44-Corrective Actio	G-Engineering	Z-Other	50-423/1997082
41-Action not begun	G-Engineering	Z-Other	50-423/1997082
41-Action not begun	G-Engineering	Z-Other	50-423/1997082
41-Action not begun	G-Engineering	Z-Other	50-423/1997082
40-Individual Corre	G-Engineering	Z-Other	50-423/1997082
41-Action not begun	G-Engineering	Z-Other	50-423/1997082
41-Action not begun	G-Engineering	Z-Other	50-423/1997082
41-Action not begun	G-Engineering	Z-Other	50-423/1997082
40-Individual Corre	G-Engineering	Z-Other	50-423/1997082
43-Operating Experi	G-Engineering	Z-Other	50-423/1997082
47-Root Cause LTA	G-Engineering	Z-Other	50-423/1997082
44-Corrective Actio	G-Engineering	Z-Other	50-423/1997082
48-Audits or proble	Q-QA/QC	Z-Other	50-423/1997082
48-Audits or proble	O-Operations	Z-Other	50-423/1997082
48-Audits or proble	G-Engineering	Z-Other	50-423/1997082
40-Individual Corre	O-Operations	Z-Other	50-423/1997082
48-Audits or proble	O-Operations	Z-Other	50-423/1997082
41-Action not begun	G-Engineering	Z-Other	50-423/1997082
48-Audits or proble	Q-QA/QC	Z-Other	50-423/1997082
40-Individual Corre	Q-QA/QC	Z-Other	50-423/1997082
43-Operating Experi	G-Engineering	Z-Other	50-423/1997082
41-Action not begun	G-Engineering	Z-Other	50-423/1997082
36-Scheduling and p	B-Plant Management	Z-Other	50-423/1997083
33-Management expec	G-Engineering	V-Troubleshooting	50-423/1997083
32-Supervision / co	B-Plant Management	Z-Other	50-423/1997083
32-Supervision / co	O-Operations	O-Control Room Ops	50-423/1997083
47-Root Cause LTA	G-Engineering	Z-Other	50-423/1997083
47-Root Cause LTA	G-Engineering	Z-Other	50-423/1997083
48-Audits or proble	B-Plant Management	Z-Other	50-423/1997083
40-Individual Corre	O-Operations	V-Troubleshooting	50-423/1997083
40-Individual Corre	O-Operations	S-Surveillance	50-423/1997083
40-Individual Corre	O-Operations	O-Control Room Ops	50-423/1997083
40-Individual Corre	O-Operations	Z-Other	50-423/1997083
36-Scheduling and p	O-Operations	B-Bal of Plant Ops	50-423/1997083
36-Scheduling and p	O-Operations	B-Bal of Plant Ops	50-423/1997083
32-Supervision / co	O-Operations	O-Control Room Ops	50-423/1997083
32-Supervision / co	O-Operations	O-Control Room Ops	50-423/1997083
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-423/1997083
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-423/1997083
32-Supervision / co	W-Work Control / Sc	M-Maint / Repair	50-423/1997083
40-Individual Corre	G-Engineering	Z-Other	50-423/1997083
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-423/1997083
40-Individual Corre	G-Engineering	Z-Other	50-423/1997083
36-Scheduling and p	O-Operations	Q-Fire Protection	50-423/1997084

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Docket: 50-423 MILLSTONE 3

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 79			
Percent of Total: 20.95			
33-Management expec	O-Operations	Q-Fire Protection	50-423/1997084
41-Action not begun	O-Operations	Q-Fire Protection	50-423/1997084
32-Supervision / co	O-Operations	Q-Fire Protection	50-423/1997084
36-Scheduling and p	W-Work Control / Sc	T-Testing	50-423/1997084
44-Corrective Actio	O-Operations	Q-Fire Protection	50-423/1997084
48-Audits or proble	T-Training	A-Administrative	50-423/1997085
44-Corrective Actio	O-Operations	Z-Other	50-423/1997207
41-Action not begun	Q-QA/QC	Z-Other	50-423/1997207
32-Supervision / co	G-Engineering	G-Design	50-423/1998001
32-Supervision / co	G-Engineering	G-Design	50-423/1998001
41-Action not begun	G-Engineering	Z-Other	50-423/1998002

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33-Management expect	G-Engineering	Q-Fire Protection	50-423/1998081
40-Individual Corre	O-Operations	Q-Fire Protection	50-423/1998081
44-Corrective Actio	O-Operations	Q-Fire Protection	50-423/1998081
41-Action not begun	O-Operations	Z-Other	50-423/1998206
40-Individual Corre	M-Mechanical	K-Housekeeping	50-423/1998206
40-Individual Corre	G-Engineering	Z-Other	50-423/1998206
40-Individual Corre	O-Operations	Z-Other	50-423/1998207
40-Individual Corre	G-Engineering	Z-Other	50-423/1998207
40-Individual Corre	G-Engineering	Z-Other	50-423/1998207
40-Individual Corre	G-Engineering	Z-Other	50-423/1998207
40-Individual Corre	G-Engineering	Z-Other	50-423/1998207
43-Operating Experi	G-Engineering	Z-Other	50-423/1998207
40-Individual Corre	G-Engineering	Z-Other	50-423/1998207
32-Supervision / co	H-Health Physics	H-Health Physics	50-423/1998207
40-Individual Corre	O-Operations	Z-Other	50-423/1998208
33-Management expect	G-Engineering	Z-Other	50-423/1998208
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-423/1998212

Management and Supervision ER

Number of items: 0
Percent of total: 0

Management and Supervision LER

Number of items: 15
Percent of total: 3.98

40-Individual Corre	W-Work Control / Sc	T-Testing	50-423/199800500
32-Supervision / co	H-Health Physics	H-Health Physics	50-423/199800900
40-Individual Corre	Q-QA/QC	Z-Other	50-423/199801000
40-Individual Corre	Q-QA/QC	Z-Other	50-423/199801000
40-Individual Corre	Z-Other	Z-Other	50-423/199801000
32-Supervision / co	B-Plant Management	T-Testing	50-423/199801100
32-Supervision / co	M-Mechanical	T-Testing	50-423/199801100
40-Individual Corre	G-Engineering	V-Troubleshooting	50-423/199801201
43-Operating Experi	U-Unknown	Z-Other	50-423/199801500
36-Scheduling and p	W-Work Control / Sc	A-Administrative	50-423/199801700
33-Management expect	A-Administrative Su	A-Administrative	50-423/199801900
34-Perceived pressu	O-Operations	T-Testing	50-423/199802300
32-Supervision / co	O-Operations	O-Control Room Ops	50-423/199802400
36-Scheduling and p	I-Instrumentation &	T-Testing	50-423/199803400

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Management and Supervision LER			
Number of items: 15			
Percent of Total: 3.98			
32-Supervision / co	G-Engineering	G-Design	50-423/199803600

Organizational Issues IR

Number of items: 6
Percent of total: 1.59

22-Poor Task Alloca	B-Plant Management	H-Health Physics	50-423/1997082
21-Staffing LTA	O-Operations	Q-Fire Protection	50-423/1997082
22-Poor Task Alloca	B-Plant Management	Z-Other	50-423/1997083
28-Frequent use of	O-Operations	O-Control Room Ops	50-423/1997083
28-Frequent use of	O-Operations	O-Control Room Ops	50-423/1997083
28-Frequent use of	O-Operations	O-Control Room Ops	50-423/1997083

Organizational Issues ER

Number of items: 0
Percent of total: 0

Organizational Issues LER

Number of items: 2
Percent of total: .53

22-Poor Task Alloca	E-Electrical	T-Testing	50-423/199800600
21-Staffing LTA	G-Engineering	G-Design	50-423/199803600

Procedures and Reference Document IR

Number of items: 76
Percent of total: 20.16

11-No procedure / r	B-Plant Management	A-Administrative	50-423/1997082
12-Procedure techni	G-Engineering	G-Design	50-423/1997082
11-No procedure / r	G-Engineering	G-Design	50-423/1997082
12-Procedure techni	G-Engineering	G-Design	50-423/1997082

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12-Procedure techni G-Engineering G-Design 50-423/1998208
 12-Procedure techni P-Procedure Writers P-Procedure Dev 50-423/1998212
 12-Procedure techni P-Procedure Writers P-Procedure Dev 50-423/1998212
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Details	Department	Work Type	Docket/Report
Procedures and Reference Document IR			
Number of items: 76			
Percent of Total: 20.16			
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-423/1998212
Procedures and Reference Document ER			
Number of items: 0			
Percent of total: 0			
Procedures and Reference Document LER			
Number of items: 11			
Percent of total: 2.92			
12-Procedure techni	H-Health Physics	C-Calibration	50-423/199800900
12-Procedure techni	I-Instrumentation &	S-Surveillance	50-423/199801000
12-Procedure techni	M-Mechanical	T-Testing	50-423/199801100
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-423/199801500
12-Procedure techni	M-Mechanical	S-Surveillance	50-423/199801700
14-Document develop	M-Mechanical	S-Surveillance	50-423/199801700
14-Document develop	C-Chemistry	S-Surveillance	50-423/199801800
12-Procedure techni	M-Mechanical	S-Surveillance	50-423/199801900
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-423/199802000
13-Procedure has hu	O-Operations	S-Surveillance	50-423/199802200
12-Procedure techni	O-Operations	M-Maint / Repair	50-423/199803800

Training IR

Number of items: 13
 Percent of total: 3.45

01-No Training	T-Training	Z-Other	50-423/1997082
03-Training process	T-Training	Z-Other	50-423/1997082
03-Training process	T-Training	A-Administrative	50-423/1997083
05-Individual knowl	O-Operations	O-Control Room Ops	50-423/1997083
05-Individual knowl	O-Operations	O-Control Room Ops	50-423/1997083
05-Individual knowl	O-Operations	O-Control Room Ops	50-423/1997083
05-Individual knowl	O-Operations	O-Control Room Ops	50-423/1997083
06-Simulator fideli	T-Training	O-Control Room Ops	50-423/1997207
02-Training LTA	T-Training	G-Design	50-423/1998001
02-Training LTA	T-Training	B-Bal of Plant Ops	50-423/1998001
01-No Training	T-Training	F-Modification	50-423/1998206
03-Training process	T-Training	Z-Other	50-423/1998208
03-Training process	T-Training	Z-Other	50-423/1998208

Training ER

Number of items: 0
 Percent of total: 0

Training LER

Number of items: 3
 Percent of total: .8

02-Training LTA	C-Chemistry	T-Testing	50-423/199801300
02-Training LTA	O-Operations	O-Control Room Ops	50-423/199801500
02-Training LTA	O-Operations	O-Control Room Ops	50-423/199802300

Work Factors IR

Number of items: 137
 Percent of total: 36.34

85-Team interaction	M-Mechanical	Z-Other	50-423/1997082
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Work Factors IR

Number of items: 137

Percent of Total: 36.34

85-Team interaction	Q-QA/QC	Z-Other	50-423/1997082
84-Non-conserv. dec	G-Engineering	Z-Other	50-423/1997082
84-Non-conserv. dec	G-Engineering	Z-Other	50-423/1997082
83-Work practice or	G-Engineering	A-Administrative	50-423/1997082
83-Work practice or	G-Engineering	A-Administrative	50-423/1997082
93-Awareness or att	E-Electrical	M-Maint / Repair	50-423/1997082
93-Awareness or att	G-Engineering	Z-Other	50-423/1997082
93-Awareness or att	G-Engineering	Z-Other	50-423/1997082
93-Awareness or att	G-Engineering	Z-Other	50-423/1997082
87-Non-conservative	O-Operations	Q-Fire Protection	50-423/1997082
93-Awareness or att	G-Engineering	P-Procedure Dev	50-423/1997082
93-Awareness or att	G-Engineering	A-Administrative	50-423/1997082
81-Work Package Qua	G-Engineering	G-Design	50-423/1997082
81-Work Package Qua	G-Engineering	G-Design	50-423/1997082
83-Work practice or	G-Engineering	F-Modification	50-423/1997082
93-Awareness or att	G-Engineering	S-Surveillance	50-423/1997082
93-Awareness or att	Q-QA/QC	S-Surveillance	50-423/1997082
84-Non-conserv. dec	B-Plant Management	A-Administrative	50-423/1997082
84-Non-conserv. dec	G-Engineering	A-Administrative	50-423/1997082
85-Team interaction	O-Operations	M-Maint / Repair	50-423/1997083
85-Team interaction	M-Mechanical	M-Maint / Repair	50-423/1997083
84-Non-conserv. dec	B-Plant Management	Z-Other	50-423/1997083
84-Non-conserv. dec	B-Plant Management	Z-Other	50-423/1997083
85-Team interaction	B-Plant Management	Z-Other	50-423/1997083
93-Awareness or att	O-Operations	O-Control Room Ops	50-423/1997083
83-Work practice or	O-Operations	O-Control Room Ops	50-423/1997083
93-Awareness or att	O-Operations	O-Control Room Ops	50-423/1997083
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-423/1997083
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-423/1997083
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-423/1997083
93-Awareness or att	G-Engineering	V-Troubleshooting	50-423/1997083
83-Work practice or	O-Operations	F-Modification	50-423/1997083
93-Awareness or att	O-Operations	O-Control Room Ops	50-423/1997083
93-Awareness or att	O-Operations	O-Control Room Ops	50-423/1997083
93-Awareness or att	O-Operations	O-Control Room Ops	50-423/1997083
83-Work practice or	O-Operations	S-Surveillance	50-423/1997083
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-423/1997083
93-Awareness or att	O-Operations	A-Administrative	50-423/1997083
83-Work practice or	O-Operations	A-Administrative	50-423/1997083
93-Awareness or att	O-Operations	A-Administrative	50-423/1997083
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-423/1997083
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-423/1997083
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-423/1997083
93-Awareness or att	O-Operations	A-Administrative	50-423/1997083
93-Awareness or att	O-Operations	A-Administrative	50-423/1997083
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-423/1997083
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-423/1997083
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-423/1997083
93-Awareness or att	O-Operations	O-Control Room Ops	50-423/1997083
85-Team interaction	G-Engineering	O-Control Room Ops	50-423/1997083
93-Awareness or att	G-Engineering	F-Modification	50-423/1997083

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Work Factors IR			
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91-Verification / p	G-Engineering	F-Modification	50-423/1997083
93-Awareness or att	G-Engineering	F-Modification	50-423/1997083
93-Awareness or att	G-Engineering	F-Modification	50-423/1997083
93-Awareness or att	G-Engineering	F-Modification	50-423/1997083
93-Awareness or att	G-Engineering	F-Modification	50-423/1997083
81-Work Package Qua	G-Engineering	F-Modification	50-423/1997083
93-Awareness or att	G-Engineering	F-Modification	50-423/1997083
81-Work Package Qua	G-Engineering	M-Maint / Repair	50-423/1997083
83-Work practice or	M-Mechanical	A-Administrative	50-423/1997083
93-Awareness or att	W-Work Control / Sc	A-Administrative	50-423/1997083
84-Non-conserv. dec	G-Engineering	V-Troubleshooting	50-423/1997083
83-Work practice or	M-Mechanical	M-Maint / Repair	50-423/1997083
83-Work practice or	O-Operations	A-Administrative	50-423/1997084
81-Work Package Qua	G-Engineering	Q-Fire Protection	50-423/1997084
83-Work practice or	G-Engineering	Q-Fire Protection	50-423/1997084

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83-Work practice or	G-Engineering	A-Administrative	50-423/1997084
83-Work practice or	O-Operations	Z-Other	50-423/1997085
83-Work practice or	T-Training	A-Administrative	50-423/1997085
83-Work practice or	T-Training	A-Administrative	50-423/1997085
83-Work practice or	T-Training	Z-Other	50-423/1997085
93-Awareness or att	O-Operations	O-Control Room Ops	50-423/1997207
83-Work practice or	C-Chemistry	T-Testing	50-423/1997207
83-Work practice or	G-Engineering	A-Administrative	50-423/1997207
83-Work practice or	G-Engineering	G-Design	50-423/1997207
83-Work practice or	D-Emergency Plannin	A-Administrative	50-423/1998001
84-Non-conserv. dec	G-Engineering	G-Design	50-423/1998002
83-Work practice or	G-Engineering	G-Design	50-423/1998002
83-Work practice or	G-Engineering	G-Design	50-423/1998002
93-Awareness or att	G-Engineering	G-Design	50-423/1998002
86-Work untimely	G-Engineering	G-Design	50-423/1998002
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-423/1998002
83-Work practice or	G-Engineering	G-Design	50-423/1998002
81-Work Package Qua	W-Work Control / Sc	Q-Fire Protection	50-423/1998081
81-Work Package Qua	W-Work Control / Sc	Q-Fire Protection	50-423/1998081
83-Work practice or	G-Engineering	G-Design	50-423/1998081
83-Work practice or	G-Engineering	G-Design	50-423/1998082
83-Work practice or	G-Engineering	G-Design	50-423/1998082
91-Verification / p	G-Engineering	G-Design	50-423/1998082
83-Work practice or	G-Engineering	G-Design	50-423/1998082
83-Work practice or	G-Engineering	G-Design	50-423/1998082
83-Work practice or	G-Engineering	G-Design	50-423/1998082
83-Work practice or	G-Engineering	G-Design	50-423/1998082
91-Verification / p	G-Engineering	G-Design	50-423/1998082
82-Briefing, prep.	O-Operations	F-Modification	50-423/1998206
83-Work practice or	G-Engineering	G-Design	50-423/1998206
81-Work Package Qua	G-Engineering	F-Modification	50-423/1998206
81-Work Package Qua	G-Engineering	G-Design	50-423/1998206
93-Awareness or att	G-Engineering	G-Design	50-423/1998206
93-Awareness or att	G-Engineering	G-Design	50-423/1998206
93-Awareness or att	G-Engineering	F-Modification	50-423/1998206

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Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 137			
Percent of Total: 36.34			
93-Awareness or att	G-Engineering	F-Modification	50-423/1998206
81-Work Package Qua	G-Engineering	A-Administrative	50-423/1998206
83-Work practice or	M-Mechanical	M-Maint / Repair	50-423/1998206
83-Work practice or	M-Mechanical	M-Maint / Repair	50-423/1998206
93-Awareness or att	G-Engineering	G-Design	50-423/1998207
93-Awareness or att	G-Engineering	A-Administrative	50-423/1998207
92-Self check LTA	G-Engineering	A-Administrative	50-423/1998207
83-Work practice or	G-Engineering	G-Design	50-423/1998207
93-Awareness or att	G-Engineering	Z-Other	50-423/1998207
93-Awareness or att	G-Engineering	A-Administrative	50-423/1998207
93-Awareness or att	G-Engineering	A-Administrative	50-423/1998207
93-Awareness or att	G-Engineering	Z-Other	50-423/1998207
93-Awareness or att	G-Engineering	Z-Other	50-423/1998207
93-Awareness or att	G-Engineering	Z-Other	50-423/1998207
83-Work practice or	P-Procedure Writers	A-Administrative	50-423/1998207
83-Work practice or	Z-Other	A-Administrative	50-423/1998208
84-Non-conserv. dec	Z-Other	Z-Other	50-423/1998208
83-Work practice or	Z-Other	Z-Other	50-423/1998208
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-423/1998208
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-423/1998208
83-Work practice or	O-Operations	O-Control Room Ops	50-423/1998208
84-Non-conserv. dec	G-Engineering	B-Bal of Plant Ops	50-423/1998208
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-423/1998208
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-423/1998208
81-Work Package Qua	G-Engineering	G-Design	50-423/1998208
93-Awareness or att	G-Engineering	P-Procedure Dev	50-423/1998208
93-Awareness or att	T-Training	A-Administrative	50-423/1998208
81-Work Package Qua	G-Engineering	F-Modification	50-423/1998208
81-Work Package Qua	G-Engineering	F-Modification	50-423/1998208
93-Awareness or att	C-Chemistry	B-Bal of Plant Ops	50-423/1998208
83-Work practice or	C-Chemistry	B-Bal of Plant Ops	50-423/1998208
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-423/1998212
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-423/1998212

Human Factors Information System Report

83-Work practice or E-Electrical	M-Maint / Repair	50-423/1998212
91-Verification / p E-Electrical	M-Maint / Repair	50-423/1998212
89-Housekeeping LTA U-Unknown	K-Housekeeping	50-423/1998212

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

Work Factors LER
 Number of items: 14
 Percent of total: 3.71

84-Non-conserv. dec G-Engineering	G-Design	50-423/199800701
91-Verification / p G-Engineering	G-Design	50-423/199800701
83-Work practice or B-Plant Management	O-Control Room Ops	50-423/199801900
83-Work practice or Q-QA/QC	O-Control Room Ops	50-423/199801900
91-Verification / p O-Operations	S-Surveillance	50-423/199802200
84-Non-conserv. dec O-Operations	T-Testing	50-423/199802300

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

Total Number of Hits in Date Range: 377
 From 01/01/1998 to 12/31/1998
 2x National Average: 255

Details	Department	Work Type	Docket/Report
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Work Factors LER
 Number of items: 14
 Percent of Total: 3.71

86-Work untimely O-Operations	S-Surveillance	50-423/199802400
84-Non-conserv. dec G-Engineering	G-Design	50-423/199802600
91-Verification / p G-Engineering	G-Design	50-423/199802600
93-Awareness or att O-Operations	T-Testing	50-423/199803200
81-Work Package Qua I-Instrumentation & M-Maint / Repair		50-423/199803400
92-Self check LTA W-Work Control / Sc T-Testing		50-423/199803400
92-Self check LTA I-Instrumentation & T-Testing		50-423/199803400
83-Work practice or G-Engineering	G-Design	50-423/199803600

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[End of File for Plant Docket 423 (1998)]
