

1998 Human Factors Information System Report for Plant Docket 315

Combined IR/ER/LER Report
Docket: 50-315 COOK 1

Total Number of Hits in Date Range: 228
From 01/01/1998 to 12/31/1998
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 4			
Percent of total: 1.75			
51-Misunderstood /	Z-Other	F-Modification	50-315/1998004
	Z-Other		
51-Misunderstood /	G-Engineering	G-Design	50-315/1998012
	G-Engineering		
51-Misunderstood /	G-Engineering	G-Design	50-315/1998012
	G-Engineering		
53-Communication LT	O-Operations	T-Testing	50-315/1998016
	O-Operations		
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 2			
Percent of total: .88			
53-Communication LT	P-Procedure Writers	P-Procedure Dev	50-315/199803600
	I-Instrumentation &		
53-Communication LT	D-Emergency Plannin	P-Procedure Dev	50-315/199803800
	D-Emergency Plannin		
Human-System Interface and Environm IR			
Number of items: 2			
Percent of total: .88			
65-Information Cont	O-Operations	O-Control Room Ops	50-315/1997018
67-Function LTA (ac	Q-QA/QC	T-Testing	50-315/1998016
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: 25			
Percent of total: 10.96			
44-Corrective Actio	T-Training	Z-Other	50-315/1997023
41-Action not begun	O-Operations	Z-Other	50-315/1997023
44-Corrective Actio	O-Operations	Z-Other	50-315/1997023
32-Supervision / co	O-Operations	Z-Other	50-315/1998003
44-Corrective Actio	T-Training	Z-Other	50-315/1998003
48-Audits or proble	T-Training	Z-Other	50-315/1998003
47-Root Cause LTA	G-Engineering	Z-Other	50-315/1998004
48-Audits or proble	Q-QA/QC	Z-Other	50-315/1998004
32-Supervision / co	O-Operations	S-Surveillance	50-315/1998005
41-Action not begun	G-Engineering	Z-Other	50-315/1998005

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Docket: 50-315 COOK 1

Total Number of Hits in Date Range: 228
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2x National Average: 255

Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 25			
Percent of Total: 10.96			
43-Operating Experi	G-Engineering	Z-Other	50-315/1998005
40-Individual Corre	G-Engineering	Z-Other	50-315/1998005

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40-Individual Corre	G-Engineering	Z-Other	50-315/1998005
40-Individual Corre	G-Engineering	Z-Other	50-315/1998005
44-Corrective Actio	G-Engineering	Z-Other	50-315/1998005
41-Action not begun	Z-Other	A-Administrative	50-315/1998008
32-Supervision / co	O-Operations	O-Control Room Ops	50-315/1998012
40-Individual Corre	O-Operations	O-Control Room Ops	50-315/1998012
41-Action not begun	B-Plant Management	Z-Other	50-315/1998012
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-315/1998015
34-Perceived pressu	M-Mechanical	M-Maint / Repair	50-315/1998015
41-Action not begun	O-Operations	Z-Other	50-315/1998016
44-Corrective Actio	O-Operations	Z-Other	50-315/1998016
40-Individual Corre	O-Operations	A-Administrative	50-315/1998016
40-Individual Corre	W-Work Control / Sc	Z-Other	50-315/1998016

Management and Supervision ER

Number of items: 0

Percent of total: 0

Management and Supervision LER

Number of items: 8

Percent of total: 3.51

32-Supervision / co	I-Instrumentation &	T-Testing	50-315/199800300
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-315/199800503
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-315/199800802
33-Management expec	G-Engineering	M-Maint / Repair	50-315/199801701
32-Supervision / co	G-Engineering	M-Maint / Repair	50-315/199801701
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-315/199803200
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-315/199803500
40-Individual Corre	D-Emergency Plannin	P-Procedure Dev	50-315/199803800

Organizational Issues IR

Number of items: 1

Percent of total: .44

27-Excessive hours	T-Training	Z-Other	50-315/1997023
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Organizational Issues ER

Number of items: 0

Percent of total: 0

Organizational Issues LER

Number of items: 1

Percent of total: .44

22-Poor Task Alloca	G-Engineering	A-Administrative	50-315/199800802
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Procedures and Reference Document IR

Number of items: 43

Percent of total: 18.86

12-Procedure techni	G-Engineering	G-Design	50-315/1997017
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Total Number of Hits in Date Range: 228

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Details	Department	Work Type	Docket/Report
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Procedures and Reference Document IR

Number of items: 43

Percent of Total: 18.86

12-Procedure techni	G-Engineering	G-Design	50-315/1997017
12-Procedure techni	G-Engineering	G-Design	50-315/1997018
12-Procedure techni	G-Engineering	G-Design	50-315/1997018
13-Procedure has hu	G-Engineering	G-Design	50-315/1997018
12-Procedure techni	Z-Other	Z-Other	50-315/1997018
11-No procedure / r	G-Engineering	G-Design	50-315/1997024
12-Procedure techni	G-Engineering	G-Design	50-315/1998004
12-Procedure techni	G-Engineering	G-Design	50-315/1998004
13-Procedure has hu	G-Engineering	G-Design	50-315/1998004
11-No procedure / r	G-Engineering	G-Design	50-315/1998004
12-Procedure techni	G-Engineering	G-Design	50-315/1998005
12-Procedure techni	G-Engineering	G-Design	50-315/1998005
12-Procedure techni	G-Engineering	G-Design	50-315/1998005
12-Procedure techni	G-Engineering	G-Design	50-315/1998005
12-Procedure techni	G-Engineering	G-Design	50-315/1998005
12-Procedure techni	G-Engineering	G-Design	50-315/1998005
12-Procedure techni	G-Engineering	G-Design	50-315/1998005
12-Procedure techni	G-Engineering	G-Design	50-315/1998005
12-Procedure techni	G-Engineering	G-Design	50-315/1998005
12-Procedure techni	G-Engineering	G-Design	50-315/1998005
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-315/1998007

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13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-315/1998007
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-315/1998007
11-No procedure / r	D-Emergency Plannin	D-Emergency Drill	50-315/1998007
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-315/1998008
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-315/1998008
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-315/1998008
12-Procedure techni	G-Engineering	G-Design	50-315/1998009
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-315/1998012
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-315/1998012
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-315/1998012
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-315/1998012
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-315/1998012
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-315/1998012
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-315/1998012
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-315/1998012
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-315/1998012
12-Procedure techni	P-Procedure Writers	M-Maint / Repair	50-315/1998015
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-315/1998016
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-315/1998016
12-Procedure techni	P-Procedure Writers	M-Maint / Repair	50-315/1998016
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-315/1998016
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-315/1998016

Procedures and Reference Document ER

Number of items: 0
Percent of total: 0

Procedures and Reference Document LER

Number of items: 17
Percent of total: 7.46

12-Procedure techni	M-Mechanical	M-Maint / Repair	50-315/199800101
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Details	Department	Work Type	Docket/Report
Procedures and Reference Document LER			
Number of items: 17			
Percent of Total: 7.46			
12-Procedure techni	M-Mechanical	T-Testing	50-315/199800101
12-Procedure techni	M-Mechanical	M-Maint / Repair	50-315/199800102
12-Procedure techni	M-Mechanical	T-Testing	50-315/199800102
12-Procedure techni	M-Mechanical	M-Maint / Repair	50-315/199800503
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-315/199800602
13-Procedure has hu	M-Mechanical	S-Surveillance	50-315/199800802
12-Procedure techni	E-Electrical	T-Testing	50-315/199800901
12-Procedure techni	E-Electrical	M-Maint / Repair	50-315/199801300
14-Document develop	E-Electrical	M-Maint / Repair	50-315/199801300
12-Procedure techni	E-Electrical	M-Maint / Repair	50-315/199801301
11-No procedure / r	M-Mechanical	M-Maint / Repair	50-315/199801701
14-Document develop	O-Operations	P-Procedure Dev	50-315/199802500
12-Procedure techni	M-Mechanical	S-Surveillance	50-315/199803200
14-Document develop	M-Mechanical	P-Procedure Dev	50-315/199803300
12-Procedure techni	I-Instrumentation &	S-Surveillance	50-315/199803600
12-Procedure techni	O-Operations	P-Procedure Dev	50-315/199803900

Training IR

Number of items: 16
Percent of total: 7.02

03-Training process	T-Training	Z-Other	50-315/1997023
01-No Training	T-Training	Z-Other	50-315/1997023
03-Training process	T-Training	Z-Other	50-315/1997023
01-No Training	T-Training	B-Bal of Plant Ops	50-315/1997024
03-Training process	T-Training	Z-Other	50-315/1998003
03-Training process	T-Training	Z-Other	50-315/1998003
02-Training LTA	T-Training	Z-Other	50-315/1998003
03-Training process	T-Training	Z-Other	50-315/1998003
05-Individual knowl	G-Engineering	F-Modification	50-315/1998004
05-Individual knowl	G-Engineering	F-Modification	50-315/1998004
05-Individual knowl	G-Engineering	F-Modification	50-315/1998004
02-Training LTA	T-Training	G-Design	50-315/1998004
05-Individual knowl	G-Engineering	F-Modification	50-315/1998004
05-Individual knowl	G-Engineering	G-Design	50-315/1998007
05-Individual knowl	O-Operations	O-Control Room Ops	50-315/1998007
05-Individual knowl	B-Plant Management	Z-Other	50-315/1998012

Training ER

Number of items: 1

Percent of total: .44

05-Individual knowl O-Operations Z-Other 50-315/1998305

Training LER

Number of items: 6

Percent of total: 2.63

02-Training LTA	M-Mechanical	M-Maint / Repair	50-315/199800503
02-Training LTA	M-Mechanical	M-Maint / Repair	50-315/199800802
04-Task Qualificati	E-Electrical	M-Maint / Repair	50-315/199801301
03-Training process	M-Mechanical	M-Maint / Repair	50-315/199801701
01-No Training	G-Engineering	T-Testing	50-315/199802800

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Details	Department	Work Type	Docket/Report
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Training LER

Number of items: 6

Percent of Total: 2.63

02-Training LTA M-Mechanical M-Maint / Repair 50-315/199803500

Work Factors IR

Number of items: 90

Percent of total: 39.47

81-Work Package Qua	G-Engineering	G-Design	50-315/1997017
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-315/1997018
91-Verification / p	Z-Other	Z-Other	50-315/1997018
86-Work untimely	T-Training	Z-Other	50-315/1997023
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-315/1997024
93-Awareness or att	I-Instrumentation &	S-Surveillance	50-315/1997025
94-Log-keeping or r	O-Operations	T-Testing	50-315/1997025
81-Work Package Qua	W-Work Control / Sc	T-Testing	50-315/1997025
83-Work practice or	M-Mechanical	M-Maint / Repair	50-315/1997025
83-Work practice or	T-Training	Z-Other	50-315/1998003
83-Work practice or	T-Training	Z-Other	50-315/1998003
83-Work practice or	T-Training	Z-Other	50-315/1998003
81-Work Package Qua	T-Training	Z-Other	50-315/1998003
82-Briefing, prep.	O-Operations	Z-Other	50-315/1998003
81-Work Package Qua	G-Engineering	F-Modification	50-315/1998004
83-Work practice or	G-Engineering	A-Administrative	50-315/1998004
83-Work practice or	O-Operations	A-Administrative	50-315/1998004
93-Awareness or att	G-Engineering	A-Administrative	50-315/1998004
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-315/1998004
93-Awareness or att	U-Unknown	B-Bal of Plant Ops	50-315/1998004
93-Awareness or att	G-Engineering	F-Modification	50-315/1998004
81-Work Package Qua	G-Engineering	F-Modification	50-315/1998004
83-Work practice or	M-Mechanical	A-Administrative	50-315/1998004
81-Work Package Qua	G-Engineering	F-Modification	50-315/1998004
83-Work practice or	G-Engineering	F-Modification	50-315/1998004
83-Work practice or	G-Engineering	G-Design	50-315/1998004
83-Work practice or	G-Engineering	G-Design	50-315/1998004
83-Work practice or	G-Engineering	G-Design	50-315/1998004
85-Team interaction	G-Engineering	F-Modification	50-315/1998004
85-Team interaction	G-Engineering	F-Modification	50-315/1998004
83-Work practice or	G-Engineering	G-Design	50-315/1998004
83-Work practice or	G-Engineering	A-Administrative	50-315/1998004
93-Awareness or att	G-Engineering	G-Design	50-315/1998004
83-Work practice or	G-Engineering	A-Administrative	50-315/1998004
83-Work practice or	G-Engineering	G-Design	50-315/1998004
81-Work Package Qua	G-Engineering	G-Design	50-315/1998004
81-Work Package Qua	G-Engineering	F-Modification	50-315/1998004
81-Work Package Qua	G-Engineering	F-Modification	50-315/1998004
81-Work Package Qua	G-Engineering	F-Modification	50-315/1998004
93-Awareness or att	T-Training	Z-Other	50-315/1998004
81-Work Package Qua	Q-QA/QC	Z-Other	50-315/1998004
83-Work practice or	G-Engineering	P-Procedure Dev	50-315/1998005
91-Verification / p	G-Engineering	G-Design	50-315/1998005
91-Verification / p	G-Engineering	G-Design	50-315/1998005
83-Work practice or	M-Mechanical	F-Modification	50-315/1998005

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Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 90			
Percent of Total: 39.47			
81-Work Package Qua	G-Engineering	F-Modification	50-315/1998005
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-315/1998007
93-Awareness or att	W-Work Control / Sc	M-Maint / Repair	50-315/1998007
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-315/1998007
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-315/1998007
81-Work Package Qua	G-Engineering	P-Procedure Dev	50-315/1998007
83-Work practice or	E-Electrical	S-Surveillance	50-315/1998007
83-Work practice or	E-Electrical	S-Surveillance	50-315/1998007
86-Work untimely	E-Electrical	S-Surveillance	50-315/1998007
83-Work practice or	M-Mechanical	F-Modification	50-315/1998008
83-Work practice or	G-Engineering	G-Design	50-315/1998009
83-Work practice or	G-Engineering	G-Design	50-315/1998009
83-Work practice or	G-Engineering	A-Administrative	50-315/1998009
83-Work practice or	G-Engineering	G-Design	50-315/1998009
83-Work practice or	G-Engineering	A-Administrative	50-315/1998009
83-Work practice or	G-Engineering	G-Design	50-315/1998009
81-Work Package Qua	G-Engineering	G-Design	50-315/1998009
83-Work practice or	G-Engineering	G-Design	50-315/1998009
81-Work Package Qua	G-Engineering	G-Design	50-315/1998009
81-Work Package Qua	G-Engineering	G-Design	50-315/1998009
81-Work Package Qua	G-Engineering	G-Design	50-315/1998009
83-Work practice or	G-Engineering	O-Control Room Ops	50-315/1998012
83-Work practice or	G-Engineering	O-Control Room Ops	50-315/1998012
81-Work Package Qua	G-Engineering	O-Control Room Ops	50-315/1998012
81-Work Package Qua	G-Engineering	G-Design	50-315/1998012
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-315/1998012
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-315/1998012
93-Awareness or att	P-Procedure Writers	P-Procedure Dev	50-315/1998012
89-Housekeeping LTA	O-Operations	B-Bal of Plant Ops	50-315/1998015
89-Housekeeping LTA	O-Operations	B-Bal of Plant Ops	50-315/1998015
83-Work practice or	M-Mechanical	M-Maint / Repair	50-315/1998015
85-Team interaction	W-Work Control / Sc	M-Maint / Repair	50-315/1998015
85-Team interaction	M-Mechanical	M-Maint / Repair	50-315/1998015
81-Work Package Qua	G-Engineering	G-Design	50-315/1998015
83-Work practice or	Q-QA/QC	H-Health Physics	50-315/1998015
83-Work practice or	Q-QA/QC	H-Health Physics	50-315/1998015
83-Work practice or	Q-QA/QC	H-Health Physics	50-315/1998015
83-Work practice or	Q-QA/QC	H-Health Physics	50-315/1998015
93-Awareness or att	I-Instrumentation &	A-Administrative	50-315/1998016
84-Non-conserv. dec	O-Operations	T-Testing	50-315/1998016
88-Tag outs LTA	I-Instrumentation &	M-Maint / Repair	50-315/1998016
88-Tag outs LTA	M-Mechanical	M-Maint / Repair	50-315/1998016
88-Tag outs LTA	E-Electrical	M-Maint / Repair	50-315/1998016
93-Awareness or att	Q-QA/QC	T-Testing	50-315/1998016

Work Factors ER
 Number of items: 3
 Percent of total: 1.32
 83-Work practice or T-Training Z-Other 50-315/1998305
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Details	Department	Work Type	Docket/Report
Work Factors ER			
Number of items: 3			
Percent of Total: 1.32			
81-Work Package Qua	T-Training	Z-Other	50-315/1998305
93-Awareness or att	T-Training	Z-Other	50-315/1998305
Work Factors LER			
Number of items: 9			
Percent of total: 3.95			
92-Self check LTA	I-Instrumentation &	T-Testing	50-315/199800300
83-Work practice or	I-Instrumentation &	T-Testing	50-315/199800300

84-Non-conserv. dec	I-Instrumentation &	T-Testing	50-315/199800300
82-Briefing, prep.	I-Instrumentation &	T-Testing	50-315/199800300
83-Work practice or	M-Mechanical	S-Surveillance	50-315/199800802
83-Work practice or	M-Mechanical	P-Procedure Dev	50-315/199803500
92-Self check LTA	P-Procedure Writers	P-Procedure Dev	50-315/199803600
85-Team interaction	I-Instrumentation &	S-Surveillance	50-315/199803600
84-Non-conserv. dec	P-Procedure Writers	P-Procedure Dev	50-315/199804300

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