

2000 Human Factors Information System Report for Plant Docket 316

Combined IR/ER/LER Report
Docket: 50-316 COOK 2

Total Number of Hits in Date Range: 249
From 01/01/2000 to 12/31/2000
2x National Average: 144

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 2			
Percent of total: .8			
54-No communication	Z-Other	Z-Other	50-316/2000013
	Z-Other		
53-Communication	LT D-Emergency Plannin	D-Emergency Drill	50-316/2000014
	D-Emergency Plannin		
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 3			
Percent of total: 1.2			
53-Communication	LT O-Operations	P-Procedure Dev	50-316/200001000
	G-Engineering		
51-Misunderstood /	F-Fuel Handling	M-Maint / Repair	50-316/200001100
	W-Work Control / Sc		
	O-Operations		
53-Communication	LT P-Procedure Writers	S-Surveillance	50-316/200001401
	W-Work Control / Sc		
Human-System Interface and Environm IR			
Number of items: 2			
Percent of total: .8			
65-Information Cont	O-Operations	B-Bal of Plant Ops	50-316/2000016
65-Information Cont	O-Operations	B-Bal of Plant Ops	50-316/2000016
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: 22			
Percent of total: 8.84			
32-Supervision / co	E-Electrical	M-Maint / Repair	50-316/1999021
43-Operating Experi	G-Engineering	Z-Other	50-316/1999021
32-Supervision / co	O-Operations	S-Surveillance	50-316/1999022
41-Action not begun	O-Operations	Z-Other	50-316/1999022
36-Scheduling and p	G-Engineering	S-Surveillance	50-316/1999022
36-Scheduling and p	G-Engineering	S-Surveillance	50-316/1999022
36-Scheduling and p	G-Engineering	S-Surveillance	50-316/1999022
41-Action not begun	G-Engineering	Z-Other	50-316/1999022
32-Supervision / co	O-Operations	S-Surveillance	50-316/2000001
44-Corrective Actio	G-Engineering	Z-Other	50-316/2000004
33-Management expec	G-Engineering	G-Design	50-316/2000007

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Human Factors Information System Report

Total Number of Hits in Date Range: 249
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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 22			
Percent of Total: 8.84			
32-Supervision / co	Z-Other	Z-Other	50-316/2000012
44-Corrective Actio	G-Engineering	Z-Other	50-316/2000013
36-Scheduling and p	D-Emergency Plannin	D-Emergency Drill	50-316/2000014
32-Supervision / co	D-Emergency Plannin	A-Administrative	50-316/2000014
40-Individual Corre	D-Emergency Plannin	Z-Other	50-316/2000014
44-Corrective Actio	D-Emergency Plannin	Z-Other	50-316/2000014
48-Audits or proble	D-Emergency Plannin	Z-Other	50-316/2000014
33-Management expec	B-Plant Management	Q-Fire Protection	50-316/2000016
44-Corrective Actio	G-Engineering	Z-Other	50-316/2000020
41-Action not begun	I-Instrumentation &	Z-Other	50-316/2000022
40-Individual Corre	U-Unknown	Z-Other	50-316/2000024

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

Details	Department	Work Type	Docket/Report
Management and Supervision LER			
Number of items: 7			
Percent of total: 2.81			
33-Management expec	O-Operations	S-Surveillance	50-316/200000400
34-Perceived pressu	O-Operations	C-Calibration	50-316/200000700
37-Unqualified work	O-Operations	P-Procedure Dev	50-316/200001000
41-Action not begun	W-Work Control / Sc	S-Surveillance	50-316/200001401
41-Action not begun	P-Procedure Writers	P-Procedure Dev	50-316/200001401
33-Management expec	P-Procedure Writers	P-Procedure Dev	50-315/200000801
32-Supervision / co	P-Procedure Writers	P-Procedure Dev	50-315/200000801

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

Details	Department	Work Type	Docket/Report
Procedures and Reference Document IR			
Number of items: 47			
Percent of total: 18.88			
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/1999021
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-316/1999021
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/1999021
12-Procedure techni	G-Engineering	G-Design	50-316/1999021
12-Procedure techni	G-Engineering	G-Design	50-316/1999021
12-Procedure techni	G-Engineering	G-Design	50-316/1999021
12-Procedure techni	G-Engineering	G-Design	50-316/1999021
12-Procedure techni	G-Engineering	G-Design	50-316/1999021

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Details	Department	Work Type	Docket/Report
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Procedures and Reference Document IR
 Number of items: 47
 Percent of Total: 18.88

Human Factors Information System Report

12-Procedure techni	G-Engineering	G-Design	50-316/1999021
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/1999022
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/1999022
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/1999022
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/1999022
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/1999022
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/1999022
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/1999022
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/1999022
13-Procedure has hu	G-Engineering	G-Design	50-316/1999022
13-Procedure has hu	G-Engineering	P-Procedure Dev	50-316/1999022
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/2000001
12-Procedure techni	G-Engineering	G-Design	50-316/2000001
12-Procedure techni	G-Engineering	G-Design	50-316/2000001
11-No procedure / r	G-Engineering	H-Health Physics	50-316/2000001
13-Procedure has hu	G-Engineering	G-Design	50-316/2000002
12-Procedure techni	G-Engineering	G-Design	50-316/2000007
12-Procedure techni	G-Engineering	G-Design	50-316/2000007
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/2000010
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/2000010
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/2000010
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/2000010
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/2000010
12-Procedure techni	Z-Other	Z-Other	50-316/2000012
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/2000013
12-Procedure techni	G-Engineering	G-Design	50-316/2000013
13-Procedure has hu	G-Engineering	G-Design	50-316/2000013
13-Procedure has hu	G-Engineering	G-Design	50-316/2000013
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/2000016
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/2000016
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/2000016
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/2000016
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/2000016
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/2000016
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/2000016
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/2000016
13-Procedure has hu	H-Health Physics	H-Health Physics	50-316/2000018
13-Procedure has hu	H-Health Physics	H-Health Physics	50-316/2000018
12-Procedure techni	H-Health Physics	H-Health Physics	50-316/2000018
13-Procedure has hu	H-Health Physics	H-Health Physics	50-316/2000018

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: 4.82

12-Procedure techni	O-Operations	B-Bal of Plant Ops	50-316/200000200
12-Procedure techni	I-Instrumentation &	C-Calibration	50-316/200000500
12-Procedure techni	G-Engineering	C-Calibration	50-316/200000600

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Procedures and Reference Document LER

Number of items: 12
Percent of Total: 4.82

12-Procedure techni	E-Electrical	S-Surveillance	50-316/200000800
12-Procedure techni	E-Electrical	C-Calibration	50-316/200000800
12-Procedure techni	W-Work Control / Sc	S-Surveillance	50-316/200001200
12-Procedure techni	W-Work Control / Sc	S-Surveillance	50-316/200001200
14-Document develop	O-Operations	S-Surveillance	50-316/200001401
12-Procedure techni	O-Operations	S-Surveillance	50-316/200001401
12-Procedure techni	O-Operations	T-Testing	50-316/200001501
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-315/200000500
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-315/200000500

Training IR

Number of items: 17

Percent of total: 6.83

05-Individual knowl	G-Engineering	M-Maint / Repair	50-316/1999021
01-No Training	T-Training	M-Maint / Repair	50-316/1999021
03-Training process	T-Training	M-Maint / Repair	50-316/1999021
05-Individual knowl	G-Engineering	G-Design	50-316/2000002
02-Training LTA	T-Training	Z-Other	50-316/2000009
05-Individual knowl	O-Operations	Z-Other	50-316/2000009
05-Individual knowl	O-Operations	Z-Other	50-316/2000009
05-Individual knowl	O-Operations	Z-Other	50-316/2000009
05-Individual knowl	O-Operations	Z-Other	50-316/2000009
05-Individual knowl	O-Operations	Z-Other	50-316/2000009
03-Training process	T-Training	Z-Other	50-316/2000009
02-Training LTA	T-Training	Z-Other	50-316/2000009
03-Training process	T-Training	F-Modification	50-316/2000009
02-Training LTA	T-Training	Z-Other	50-316/2000012
05-Individual knowl	D-Emergency Plannin	D-Emergency Drill	50-316/2000014
05-Individual knowl	D-Emergency Plannin	D-Emergency Drill	50-316/2000014
05-Individual knowl	G-Engineering	V-Troubleshooting	50-316/2000016

Training ER

Number of items: 0

Percent of total: 0

Training LER

Number of items: 5

Percent of total: 2.01

02-Training LTA	O-Operations	S-Surveillance	50-316/200000400
05-Individual knowl	O-Operations	P-Procedure Dev	50-316/200001000
05-Individual knowl	G-Engineering	P-Procedure Dev	50-316/200001501
02-Training LTA	T-Training	B-Bal of Plant Ops	50-315/200000500
02-Training LTA	P-Procedure Writers	P-Procedure Dev	50-315/200000801

Work Factors IR

Number of items: 121

Percent of total: 48.59

93-Awareness or att	G-Engineering	M-Maint / Repair	50-316/1999021
85-Team interaction	E-Electrical	M-Maint / Repair	50-316/1999021
85-Team interaction	E-Electrical	M-Maint / Repair	50-316/1999021

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Details	Department	Work Type	Docket/Report
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Work Factors IR

Number of items: 121

Percent of Total: 48.59

83-Work practice or	E-Electrical	A-Administrative	50-316/1999021
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-316/1999021
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-316/1999021
93-Awareness or att	G-Engineering	P-Procedure Dev	50-316/1999021
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-316/1999022
84-Non-conserv. dec	G-Engineering	O-Control Room Ops	50-316/1999022
84-Non-conserv. dec	W-Work Control / Sc	F-Modification	50-316/1999022
81-Work Package Qua	G-Engineering	F-Modification	50-316/1999022
93-Awareness or att	G-Engineering	G-Design	50-316/1999022
93-Awareness or att	G-Engineering	G-Design	50-316/1999022
93-Awareness or att	G-Engineering	G-Design	50-316/1999022
93-Awareness or att	G-Engineering	G-Design	50-316/1999022
93-Awareness or att	G-Engineering	G-Design	50-316/1999022
93-Awareness or att	G-Engineering	G-Design	50-316/1999022
85-Team interaction	G-Engineering	P-Procedure Dev	50-316/1999022
83-Work practice or	O-Operations	S-Surveillance	50-316/2000001
83-Work practice or	I-Instrumentation &	T-Testing	50-316/2000001
83-Work practice or	I-Instrumentation &	T-Testing	50-316/2000001
83-Work practice or	I-Instrumentation &	T-Testing	50-316/2000001

83-Work practice or	I-Instrumentation &	T-Testing	50-316/2000001
84-Non-conserv. dec	G-Engineering	G-Design	50-316/2000001
81-Work Package Qua	G-Engineering	T-Testing	50-316/2000001
81-Work Package Qua	G-Engineering	G-Design	50-316/2000001
93-Awareness or att	G-Engineering	S-Surveillance	50-316/2000002
84-Non-conserv. dec	G-Engineering	G-Design	50-316/2000002
84-Non-conserv. dec	G-Engineering	G-Design	50-316/2000002
84-Non-conserv. dec	G-Engineering	G-Design	50-316/2000002
84-Non-conserv. dec	G-Engineering	G-Design	50-316/2000002
93-Awareness or att	G-Engineering	G-Design	50-316/2000002
91-Verification / p	G-Engineering	G-Design	50-316/2000002
81-Work Package Qua	G-Engineering	G-Design	50-316/2000007
93-Awareness or att	G-Engineering	G-Design	50-316/2000007
84-Non-conserv. dec	G-Engineering	Z-Other	50-316/2000007
93-Awareness or att	G-Engineering	G-Design	50-316/2000007
91-Verification / p	G-Engineering	G-Design	50-316/2000007
83-Work practice or	G-Engineering	G-Design	50-316/2000007
93-Awareness or att	G-Engineering	Z-Other	50-316/2000007
93-Awareness or att	G-Engineering	F-Modification	50-316/2000007
83-Work practice or	G-Engineering	F-Modification	50-316/2000007
93-Awareness or att	G-Engineering	G-Design	50-316/2000007
93-Awareness or att	G-Engineering	G-Design	50-316/2000007
93-Awareness or att	G-Engineering	A-Administrative	50-316/2000007
93-Awareness or att	Z-Other	Z-Other	50-316/2000012
93-Awareness or att	Z-Other	Z-Other	50-316/2000012
93-Awareness or att	Z-Other	Z-Other	50-316/2000012
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-316/2000013
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-316/2000013
93-Awareness or att	O-Operations	S-Surveillance	50-316/2000013
93-Awareness or att	G-Engineering	G-Design	50-316/2000013
84-Non-conserv. dec	G-Engineering	V-Troubleshooting	50-316/2000013
83-Work practice or	G-Engineering	F-Modification	50-316/2000013

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Docket: 50-316 COOK 2

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Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 121			
Percent of Total: 48.59			
83-Work practice or	O-Operations	S-Surveillance	50-316/2000013
94-Log-keeping or r	O-Operations	S-Surveillance	50-316/2000013
81-Work Package Qua	G-Engineering	G-Design	50-316/2000013
93-Awareness or att	G-Engineering	A-Administrative	50-316/2000013
84-Non-conserv. dec	G-Engineering	T-Testing	50-316/2000013
84-Non-conserv. dec	G-Engineering	T-Testing	50-316/2000013
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-316/2000013
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-316/2000013
81-Work Package Qua	G-Engineering	G-Design	50-316/2000013
86-Work untimely	D-Emergency Plannin	A-Administrative	50-316/2000014
86-Work untimely	D-Emergency Plannin	D-Emergency Drill	50-316/2000014
86-Work untimely	D-Emergency Plannin	D-Emergency Drill	50-316/2000014
93-Awareness or att	T-Training	A-Administrative	50-316/2000014
93-Awareness or att	O-Operations	O-Control Room Ops	50-316/2000016
93-Awareness or att	O-Operations	S-Surveillance	50-316/2000016
93-Awareness or att	O-Operations	S-Surveillance	50-316/2000016
93-Awareness or att	O-Operations	S-Surveillance	50-316/2000016
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-316/2000016
93-Awareness or att	U-Unknown	K-Housekeeping	50-316/2000016
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-316/2000016
91-Verification / p	O-Operations	Q-Fire Protection	50-316/2000016
83-Work practice or	Z-Other	Z-Other	50-316/2000016
83-Work practice or	Z-Other	Z-Other	50-316/2000016
83-Work practice or	Z-Other	Z-Other	50-316/2000016
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-316/2000016
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-316/2000016
83-Work practice or	G-Engineering	O-Control Room Ops	50-316/2000016

93-Awareness or att	O-Operations	P-Procedure Dev	50-316/2000016
93-Awareness or att	G-Engineering	P-Procedure Dev	50-316/2000016
81-Work Package Qua	G-Engineering	F-Modification	50-316/2000016
84-Non-conserv. dec	G-Engineering	F-Modification	50-316/2000016
93-Awareness or att	G-Engineering	G-Design	50-316/2000016
93-Awareness or att	G-Engineering	G-Design	50-316/2000016
93-Awareness or att	G-Engineering	G-Design	50-316/2000016
93-Awareness or att	G-Engineering	G-Design	50-316/2000016
83-Work practice or	U-Unknown	A-Administrative	50-316/2000017
93-Awareness or att	H-Health Physics	H-Health Physics	50-316/2000018
93-Awareness or att	H-Health Physics	H-Health Physics	50-316/2000018
93-Awareness or att	H-Health Physics	H-Health Physics	50-316/2000018
93-Awareness or att	H-Health Physics	H-Health Physics	50-316/2000018
94-Log-keeping or r	H-Health Physics	A-Administrative	50-316/2000018
94-Log-keeping or r	H-Health Physics	A-Administrative	50-316/2000018
94-Log-keeping or r	H-Health Physics	A-Administrative	50-316/2000018
94-Log-keeping or r	H-Health Physics	A-Administrative	50-316/2000018
94-Log-keeping or r	H-Health Physics	A-Administrative	50-316/2000018
94-Log-keeping or r	H-Health Physics	A-Administrative	50-316/2000018
93-Awareness or att	H-Health Physics	A-Administrative	50-316/2000018
83-Work practice or	U-Unknown	H-Health Physics	50-316/2000018
93-Awareness or att	H-Health Physics	H-Health Physics	50-316/2000018
83-Work practice or	U-Unknown	H-Health Physics	50-316/2000018

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Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 121			
Percent of Total: 48.59			
84-Non-conserv. dec	G-Engineering	M-Maint / Repair	50-316/2000019
84-Non-conserv. dec	G-Engineering	M-Maint / Repair	50-316/2000020
84-Non-conserv. dec	G-Engineering	M-Maint / Repair	50-316/2000020
84-Non-conserv. dec	G-Engineering	M-Maint / Repair	50-316/2000020
84-Non-conserv. dec	G-Engineering	M-Maint / Repair	50-316/2000020
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-316/2000020
92-Self check LTA	O-Operations	O-Control Room Ops	50-316/2000020
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-316/2000020
83-Work practice or	H-Health Physics	B-Bal of Plant Ops	50-316/2000020
93-Awareness or att	O-Operations	O-Control Room Ops	50-316/2000020
81-Work Package Qua	G-Engineering	F-Modification	50-316/2000021
93-Awareness or att	Z-Other	A-Administrative	50-316/2000022
93-Awareness or att	Z-Other	A-Administrative	50-316/2000022
93-Awareness or att	Z-Other	A-Administrative	50-316/2000022
93-Awareness or att	G-Engineering	G-Design	50-316/2000022
93-Awareness or att	G-Engineering	G-Design	50-316/2000022
83-Work practice or	U-Unknown	Z-Other	50-316/2000024
83-Work practice or	U-Unknown	Z-Other	50-316/2000024

Work Factors ER

Number of items: 0

Percent of total: 0

Work Factors LER

Number of items: 11

Percent of total: 4.42

84-Non-conserv. dec	A-Administrative	Su A-Administrative	50-316/200000200
92-Self check LTA	Z-Other	B-Bal of Plant Ops	50-316/200000400
91-Verification / p	Z-Other	B-Bal of Plant Ops	50-316/200000400
84-Non-conserv. dec	O-Operations	C-Calibration	50-316/200000700
84-Non-conserv. dec	E-Electrical	S-Surveillance	50-316/200000800
93-Awareness or att	G-Engineering	F-Modification	50-316/200000900
82-Briefing, prep.	F-Fuel Handling	M-Maint / Repair	50-316/200001100
82-Briefing, prep.	F-Fuel Handling	M-Maint / Repair	50-316/200001100
83-Work practice or	G-Engineering	S-Surveillance	50-316/200001200
84-Non-conserv. dec	G-Engineering	P-Procedure Dev	50-316/200001501

[End of File for Plant Docket 316 (2000)]
