

# 1999 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: 390  
From 01/01/1999 to 12/31/1999  
2x National Average: 226

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 9			
Percent of total: 2.31			
53-Communication LT	O-Operations	Z-Other	50-316/1998023
	O-Operations		
54-No communication	O-Operations	Z-Other	50-316/1998023
	O-Operations		
54-No communication	O-Operations	Z-Other	50-316/1998023
	O-Operations		
53-Communication LT	Z-Other	Z-Other	50-316/1999001
	Z-Other		
53-Communication LT	O-Operations	A-Administrative	50-316/1999001
	O-Operations		
51-Misunderstood /	H-Health Physics	H-Health Physics	50-316/1999005
	H-Health Physics		
55-Communication Eq	D-Emergency Plannin	D-Emergency Drill	50-316/1999008
	D-Emergency Plannin		
52-Communication un	H-Health Physics	A-Administrative	50-316/1999014
	H-Health Physics		
54-No communication	G-Engineering	V-Troubleshooting	50-316/1999017
	G-Engineering		

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

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

Human-System Interface and Environm IR

Number of items: 4  
Percent of total: 1.03

76-Postings LTA	H-Health Physics	H-Health Physics	50-316/1999005
62-Information orga	H-Health Physics	H-Health Physics	50-316/1999005
76-Postings LTA	H-Health Physics	H-Health Physics	50-316/1999014
76-Postings LTA	H-Health Physics	H-Health Physics	50-316/1999014

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: 93

Percent of total: 23.85

33-Management expec	G-Engineering	G-Design	50-316/1998017
33-Management expec	O-Operations	T-Testing	50-316/1998023

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

Total Number of Hits in Date Range: 390  
From 01/01/1999 to 12/31/1999  
2x National Average: 226

Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 93			
Percent of Total: 23.85			
33-Management expec	O-Operations	Z-Other	50-316/1998023
40-Individual Corre	O-Operations	Z-Other	50-316/1998023

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40-Individual Corre	O-Operations	Z-Other	50-316/1998023
41-Action not begun	O-Operations	Z-Other	50-316/1998027
33-Management expec	B-Plant Management	O-Control Room Ops	50-316/1998027
44-Corrective Actio	O-Operations	Z-Other	50-316/1998027
44-Corrective Actio	B-Plant Management	M-Maint / Repair	50-316/1998027
40-Individual Corre	G-Engineering	Z-Other	50-316/1998030
44-Corrective Actio	G-Engineering	G-Design	50-316/1999001
36-Scheduling and p	W-Work Control / Sc	S-Surveillance	50-316/1999001
40-Individual Corre	G-Engineering	Z-Other	50-316/1999002
41-Action not begun	G-Engineering	Z-Other	50-316/1999002
40-Individual Corre	G-Engineering	Z-Other	50-316/1999002
33-Management expec	G-Engineering	A-Administrative	50-316/1999003
33-Management expec	G-Engineering	Z-Other	50-316/1999003
40-Individual Corre	G-Engineering	Z-Other	50-316/1999003
40-Individual Corre	G-Engineering	Z-Other	50-316/1999003
43-Operating Experi	G-Engineering	Z-Other	50-316/1999003
36-Scheduling and p	G-Engineering	G-Design	50-316/1999003
33-Management expec	G-Engineering	G-Design	50-316/1999003
36-Scheduling and p	G-Engineering	G-Design	50-316/1999003
36-Scheduling and p	G-Engineering	G-Design	50-316/1999003
33-Management expec	O-Operations	O-Control Room Ops	50-316/1999004
40-Individual Corre	O-Operations	Z-Other	50-316/1999004
40-Individual Corre	O-Operations	Z-Other	50-316/1999004
44-Corrective Actio	O-Operations	H-Health Physics	50-316/1999005
43-Operating Experi	G-Engineering	Z-Other	50-316/1999006
32-Supervision / co	G-Engineering	A-Administrative	50-316/1999006
47-Root Cause LTA	G-Engineering	Z-Other	50-316/1999006
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-316/1999006
48-Audits or proble	G-Engineering	Z-Other	50-316/1999006
43-Operating Experi	G-Engineering	Z-Other	50-316/1999006
43-Operating Experi	G-Engineering	Z-Other	50-316/1999006
48-Audits or proble	G-Engineering	Z-Other	50-316/1999006
48-Audits or proble	G-Engineering	Z-Other	50-316/1999006
48-Audits or proble	G-Engineering	Z-Other	50-316/1999006
48-Audits or proble	G-Engineering	Z-Other	50-316/1999006
40-Individual Corre	G-Engineering	Z-Other	50-316/1999007
40-Individual Corre	G-Engineering	Z-Other	50-316/1999007
32-Supervision / co	D-Emergency Plannin	D-Emergency Drill	50-316/1999008
32-Supervision / co	D-Emergency Plannin	A-Administrative	50-316/1999008
43-Operating Experi	G-Engineering	Z-Other	50-316/1999009
44-Corrective Actio	G-Engineering	Z-Other	50-316/1999009
41-Action not begun	G-Engineering	Z-Other	50-316/1999009
44-Corrective Actio	O-Operations	Z-Other	50-316/1999010
43-Operating Experi	G-Engineering	Z-Other	50-316/1999011
43-Operating Experi	G-Engineering	Z-Other	50-316/1999011
40-Individual Corre	G-Engineering	Z-Other	50-316/1999011
48-Audits or proble	G-Engineering	Z-Other	50-316/1999012
48-Audits or proble	G-Engineering	Z-Other	50-316/1999012

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Combined IR/ER/LER Report

Docket: 50-316 COOK 2

Total Number of Hits in Date Range: 390

From 01/01/1999 to 12/31/1999

2x National Average: 226

Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 93			
Percent of Total: 23.85			
48-Audits or proble	G-Engineering	Z-Other	50-316/1999012
48-Audits or proble	G-Engineering	Z-Other	50-316/1999012
48-Audits or proble	G-Engineering	Z-Other	50-316/1999012
48-Audits or proble	O-Operations	Z-Other	50-316/1999013
33-Management expec	O-Operations	Z-Other	50-316/1999013
48-Audits or proble	O-Operations	Z-Other	50-316/1999013
47-Root Cause LTA	O-Operations	Z-Other	50-316/1999013
48-Audits or proble	O-Operations	Z-Other	50-316/1999013
48-Audits or proble	O-Operations	Z-Other	50-316/1999013
48-Audits or proble	O-Operations	Z-Other	50-316/1999013
48-Audits or proble	O-Operations	Z-Other	50-316/1999013
48-Audits or proble	O-Operations	Z-Other	50-316/1999013
48-Audits or proble	M-Mechanical	Z-Other	50-316/1999013
48-Audits or proble	M-Mechanical	Z-Other	50-316/1999013
41-Action not begun	H-Health Physics	Z-Other	50-316/1999014
33-Management expec	C-Chemistry	B-Bal of Plant Ops	50-316/1999014
32-Supervision / co	H-Health Physics	H-Health Physics	50-316/1999014
40-Individual Corre	O-Operations	S-Surveillance	50-316/1999017
41-Action not begun	O-Operations	Z-Other	50-316/1999017
47-Root Cause LTA	O-Operations	Z-Other	50-316/1999017
33-Management expec	I-Instrumentation &	V-Troubleshooting	50-316/1999017

32-Supervision / co	I-Instrumentation &	V-Troubleshooting	50-316/1999017
40-Individual Corre	I-Instrumentation &	Z-Other	50-316/1999017
33-Management expec	G-Engineering	Z-Other	50-316/1999024
44-Corrective Actio	G-Engineering	Z-Other	50-316/1999024
44-Corrective Actio	G-Engineering	Z-Other	50-316/1999024
44-Corrective Actio	G-Engineering	Z-Other	50-316/1999024
44-Corrective Actio	G-Engineering	Z-Other	50-316/1999024
43-Operating Experi	G-Engineering	P-Procedure Dev	50-316/1999025
43-Operating Experi	P-Procedure Writers	P-Procedure Dev	50-316/1999025
43-Operating Experi	P-Procedure Writers	P-Procedure Dev	50-316/1999025
43-Operating Experi	G-Engineering	P-Procedure Dev	50-316/1999025
43-Operating Experi	G-Engineering	P-Procedure Dev	50-316/1999025
43-Operating Experi	P-Procedure Writers	P-Procedure Dev	50-316/1999025
43-Operating Experi	G-Engineering	P-Procedure Dev	50-316/1999025
43-Operating Experi	P-Procedure Writers	P-Procedure Dev	50-316/1999025
33-Management expec	E-Electrical	M-Maint / Repair	50-316/1999025
48-Audits or proble	Q-QA/QC	Z-Other	50-316/1999025
43-Operating Experi	Q-QA/QC	Z-Other	50-316/1999025
43-Operating Experi	G-Engineering	Z-Other	50-316/1999025
44-Corrective Actio	G-Engineering	Z-Other	50-316/1999025
41-Action not begun	G-Engineering	Z-Other	50-316/1999025

## Management and Supervision ER

Number of items: 0

Percent of total: 0

## Management and Supervision LER

Number of items: 1

Percent of total: .26

44-Corrective Actio I-Instrumentation &amp; G-Design 50-315/199901000

## Organizational Issues IR

Number of items: 9

Percent of total: 2.31

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## Combined IR/ER/LER Report

Docket: 50-316 COOK 2

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2x National Average: 226

Details	Department	Work Type	Docket/Report
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## Organizational Issues IR

Number of items: 9

Percent of Total: 2.31

27-Excessive hours	Z-Other	Z-Other	50-316/1999001
27-Excessive hours	Z-Other	Z-Other	50-316/1999001
27-Excessive hours	Z-Other	Z-Other	50-316/1999001
27-Excessive hours	Z-Other	Z-Other	50-316/1999001
27-Excessive hours	Z-Other	Z-Other	50-316/1999001
27-Excessive hours	Z-Other	Z-Other	50-316/1999001
27-Excessive hours	O-Operations	O-Control Room Ops	50-316/1999004
22-Poor Task Alloca	G-Engineering	G-Design	50-316/1999006
22-Poor Task Alloca	G-Engineering	C-Calibration	50-316/1999006

## 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: 95

Percent of total: 24.36

14-Document develop	G-Engineering	G-Design	50-316/1998017
11-No procedure / r	G-Engineering	G-Design	50-316/1998017
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/1998023
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/1998023
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/1998023
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/1998023
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-316/1998023
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/1998023
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/1998023
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/1998023
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/1998023
12-Procedure techni	D-Emergency Plannin	D-Emergency Drill	50-316/1998023
14-Document develop	D-Emergency Plannin	D-Emergency Drill	50-316/1998023

## Human Factors Information System Report

13-Procedure has hu	B-Plant Management	O-Control Room Ops	50-316/1998027
13-Procedure has hu	O-Operations	O-Control Room Ops	50-316/1998027
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/1999001
12-Procedure techni	O-Operations	P-Procedure Dev	50-316/1999001
12-Procedure techni	O-Operations	P-Procedure Dev	50-316/1999001
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-316/1999001
13-Procedure has hu	G-Engineering	G-Design	50-316/1999002
12-Procedure techni	G-Engineering	G-Design	50-316/1999003
13-Procedure has hu	G-Engineering	G-Design	50-316/1999003
13-Procedure has hu	G-Engineering	G-Design	50-316/1999003
13-Procedure has hu	G-Engineering	G-Design	50-316/1999003
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/1999004
13-Procedure has hu	B-Plant Management	A-Administrative	50-316/1999004
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-316/1999004
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/1999004
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/1999004

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

Total Number of Hits in Date Range: 390  
From 01/01/1999 to 12/31/1999  
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Details	Department	Work Type	Docket/Report
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## Procedures and Reference Document IR

Number of items: 95

Percent of Total: 24.36

14-Document develop	P-Procedure Writers	T-Testing	50-316/1999004
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/1999005
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/1999005
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/1999005
13-Procedure has hu	H-Health Physics	P-Procedure Dev	50-316/1999005
14-Document develop	G-Engineering	G-Design	50-316/1999006
14-Document develop	G-Engineering	A-Administrative	50-316/1999006
13-Procedure has hu	G-Engineering	G-Design	50-316/1999006
11-No procedure / r	G-Engineering	G-Design	50-316/1999006
13-Procedure has hu	G-Engineering	G-Design	50-316/1999006
14-Document develop	G-Engineering	S-Surveillance	50-316/1999006
13-Procedure has hu	G-Engineering	G-Design	50-316/1999006
13-Procedure has hu	G-Engineering	G-Design	50-316/1999006
12-Procedure techni	G-Engineering	G-Design	50-316/1999006
13-Procedure has hu	G-Engineering	G-Design	50-316/1999006
13-Procedure has hu	G-Engineering	G-Design	50-316/1999006
12-Procedure techni	G-Engineering	G-Design	50-316/1999006
12-Procedure techni	G-Engineering	G-Design	50-316/1999007
12-Procedure techni	G-Engineering	G-Design	50-316/1999007
12-Procedure techni	G-Engineering	G-Design	50-316/1999007
12-Procedure techni	G-Engineering	G-Design	50-316/1999007
12-Procedure techni	G-Engineering	G-Design	50-316/1999007
13-Procedure has hu	D-Emergency Plannin	D-Emergency Drill	50-316/1999008
11-No procedure / r	G-Engineering	A-Administrative	50-316/1999009
12-Procedure techni	G-Engineering	G-Design	50-316/1999009
12-Procedure techni	G-Engineering	G-Design	50-316/1999009
12-Procedure techni	G-Engineering	G-Design	50-316/1999009
14-Document develop	G-Engineering	G-Design	50-316/1999009
11-No procedure / r	G-Engineering	G-Design	50-316/1999009
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/1999010
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-316/1999011
11-No procedure / r	G-Engineering	G-Design	50-316/1999012
12-Procedure techni	G-Engineering	G-Design	50-316/1999012
12-Procedure techni	G-Engineering	G-Design	50-316/1999012
12-Procedure techni	G-Engineering	G-Design	50-316/1999012
12-Procedure techni	G-Engineering	G-Design	50-316/1999012
12-Procedure techni	G-Engineering	G-Design	50-316/1999012
12-Procedure techni	G-Engineering	G-Design	50-316/1999012
12-Procedure techni	G-Engineering	G-Design	50-316/1999012
12-Procedure techni	G-Engineering	G-Design	50-316/1999012
13-Procedure has hu	O-Operations	Z-Other	50-316/1999013
12-Procedure techni	H-Health Physics	P-Procedure Dev	50-316/1999014
11-No procedure / r	H-Health Physics	P-Procedure Dev	50-316/1999014
12-Procedure techni	H-Health Physics	P-Procedure Dev	50-316/1999014
11-No procedure / r	G-Engineering	G-Design	50-316/1999014
13-Procedure has hu	H-Health Physics	H-Health Physics	50-316/1999014
14-Document develop	H-Health Physics	H-Health Physics	50-316/1999014
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-316/1999019
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/1999019
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/1999019
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/1999019

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

Total Number of Hits in Date Range: 390  
From 01/01/1999 to 12/31/1999  
2x National Average: 226

Details	Department	Work Type	Docket/Report
Procedures and Reference Document IR			
Number of items: 95			
Percent of Total: 24.36			
13-Procedure has hu	G-Engineering	G-Design	50-316/1999024
13-Procedure has hu	G-Engineering	G-Design	50-316/1999024
13-Procedure has hu	G-Engineering	G-Design	50-316/1999024
13-Procedure has hu	G-Engineering	G-Design	50-316/1999024
11-No procedure / r	G-Engineering	G-Design	50-316/1999024
13-Procedure has hu	G-Engineering	G-Design	50-316/1999024
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/1999025
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/1999025
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-316/1999025
14-Document develop	G-Engineering	G-Design	50-316/1999025
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-316/1999025
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/1999025
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-316/1999025
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-316/1999025
11-No procedure / r	G-Engineering	G-Design	50-316/1999025
11-No procedure / r	G-Engineering	G-Design	50-316/1999025
Procedures and Reference Document ER			
Number of items: 0			
Percent of total: 0			
Procedures and Reference Document LER			
Number of items: 2			
Percent of total: .51			
12-Procedure techni	O-Operations	P-Procedure Dev	50-315/199900300
12-Procedure techni	M-Mechanical	G-Design	50-315/199901200

Details	Department	Work Type	Docket/Report
Training IR			
Number of items: 26			
Percent of total: 6.67			
02-Training LTA	T-Training	Z-Other	50-316/1998023
02-Training LTA	T-Training	Z-Other	50-316/1998023
02-Training LTA	T-Training	Z-Other	50-316/1998023
02-Training LTA	T-Training	Z-Other	50-316/1998023
03-Training process	T-Training	G-Design	50-316/1998030
05-Individual knowl	Z-Other	Z-Other	50-316/1999001
02-Training LTA	T-Training	G-Design	50-316/1999002
05-Individual knowl	T-Training	Z-Other	50-316/1999002
05-Individual knowl	T-Training	Z-Other	50-316/1999002
05-Individual knowl	G-Engineering	G-Design	50-316/1999003
05-Individual knowl	G-Engineering	G-Design	50-316/1999003
03-Training process	T-Training	Z-Other	50-316/1999006
02-Training LTA	T-Training	Z-Other	50-316/1999006
05-Individual knowl	I-Instrumentation &	C-Calibration	50-316/1999006
03-Training process	T-Training	D-Emergency Drill	50-316/1999008
03-Training process	T-Training	Z-Other	50-316/1999013
02-Training LTA	T-Training	Z-Other	50-316/1999013
02-Training LTA	T-Training	Z-Other	50-316/1999013
02-Training LTA	T-Training	Z-Other	50-316/1999013
02-Training LTA	T-Training	Z-Other	50-316/1999013

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

Total Number of Hits in Date Range: 390  
From 01/01/1999 to 12/31/1999  
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Details	Department	Work Type	Docket/Report
Training IR			
Number of items: 26			
Percent of Total: 6.67			
05-Individual knowl	G-Engineering	M-Maint / Repair	50-316/1999019
02-Training LTA	T-Training	M-Maint / Repair	50-316/1999025
02-Training LTA	T-Training	M-Maint / Repair	50-316/1999025
02-Training LTA	T-Training	M-Maint / Repair	50-316/1999025
02-Training LTA	T-Training	M-Maint / Repair	50-316/1999025

03-Training process T-Training M-Maint / Repair 50-316/1999025

## 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: 148  
Percent of total: 37.95

81-Work Package Qua	G-Engineering	G-Design	50-316/1998017
84-Non-conserv. dec	G-Engineering	G-Design	50-316/1998017
86-Work untimely	G-Engineering	P-Procedure Dev	50-316/1998017
86-Work untimely	G-Engineering	P-Procedure Dev	50-316/1998017
86-Work untimely	G-Engineering	P-Procedure Dev	50-316/1998017
83-Work practice or	G-Engineering	G-Design	50-316/1998017
81-Work Package Qua	G-Engineering	G-Design	50-316/1998017
83-Work practice or	G-Engineering	G-Design	50-316/1998017
93-Awareness or att	G-Engineering	G-Design	50-316/1998017
83-Work practice or	G-Engineering	G-Design	50-316/1998017
82-Briefing, prep.	O-Operations	Z-Other	50-316/1998023
86-Work untimely	O-Operations	Z-Other	50-316/1998023
84-Non-conserv. dec	O-Operations	Z-Other	50-316/1998023
86-Work untimely	O-Operations	Z-Other	50-316/1998023
83-Work practice or	T-Training	Z-Other	50-316/1998023
93-Awareness or att	O-Operations	Z-Other	50-316/1998023
91-Verification / p	O-Operations	Z-Other	50-316/1998023
83-Work practice or	O-Operations	Z-Other	50-316/1998023
93-Awareness or att	T-Training	Z-Other	50-316/1998023
84-Non-conserv. dec	O-Operations	Z-Other	50-316/1998023
93-Awareness or att	P-Procedure Writers	P-Procedure Dev	50-316/1998023
87-Non-conservative	O-Operations	Q-Fire Protection	50-316/1998026
93-Awareness or att	G-Engineering	A-Administrative	50-316/1998026
81-Work Package Qua	G-Engineering	O-Control Room Ops	50-316/1998027
81-Work Package Qua	G-Engineering	O-Control Room Ops	50-316/1998027
81-Work Package Qua	G-Engineering	G-Design	50-316/1998027
86-Work untimely	O-Operations	T-Testing	50-316/1998027
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-316/1998027
81-Work Package Qua	Q-QA/QC	Z-Other	50-316/1999001
94-Log-keeping or r	O-Operations	A-Administrative	50-316/1999001
94-Log-keeping or r	O-Operations	A-Administrative	50-316/1999001
93-Awareness or att	G-Engineering	G-Design	50-316/1999002

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## Combined IR/ER/LER Report

Docket: 50-316 COOK 2

Total Number of Hits in Date Range: 390  
From 01/01/1999 to 12/31/1999  
2x National Average: 226

Details	Department	Work Type	Docket/Report
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## Work Factors IR

Number of items: 148  
Percent of Total: 37.95

81-Work Package Qua	G-Engineering	G-Design	50-316/1999002
81-Work Package Qua	G-Engineering	G-Design	50-316/1999002
84-Non-conserv. dec	Q-QA/QC	Z-Other	50-316/1999002
93-Awareness or att	A-Administrative Su	A-Administrative	50-316/1999003
93-Awareness or att	A-Administrative Su	A-Administrative	50-316/1999003
93-Awareness or att	G-Engineering	G-Design	50-316/1999003
81-Work Package Qua	G-Engineering	G-Design	50-316/1999003
93-Awareness or att	G-Engineering	A-Administrative	50-316/1999003
93-Awareness or att	G-Engineering	G-Design	50-316/1999003
83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-316/1999003
84-Non-conserv. dec	G-Engineering	Z-Other	50-316/1999003
93-Awareness or att	G-Engineering	G-Design	50-316/1999003
82-Briefing, prep.	G-Engineering	G-Design	50-316/1999003
93-Awareness or att	G-Engineering	G-Design	50-316/1999003
93-Awareness or att	G-Engineering	G-Design	50-316/1999003
93-Awareness or att	G-Engineering	G-Design	50-316/1999003
84-Non-conserv. dec	G-Engineering	G-Design	50-316/1999003
93-Awareness or att	G-Engineering	G-Design	50-316/1999003
83-Work practice or	G-Engineering	G-Design	50-316/1999003
83-Work practice or	M-Mechanical	M-Maint / Repair	50-316/1999004
81-Work Package Qua	G-Engineering	F-Modification	50-316/1999004
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-316/1999004
84-Non-conserv. dec	G-Engineering	G-Design	50-316/1999006

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84-Non-conserv. dec	G-Engineering	G-Design	50-316/1999006
93-Awareness or att	G-Engineering	G-Design	50-316/1999006
93-Awareness or att	G-Engineering	A-Administrative	50-316/1999006
86-Work untimely	W-Work Control / Sc	A-Administrative	50-316/1999006
83-Work practice or	O-Operations	S-Surveillance	50-316/1999006
86-Work untimely	W-Work Control / Sc	M-Maint / Repair	50-316/1999006
93-Awareness or att	G-Engineering	P-Procedure Dev	50-316/1999006
84-Non-conserv. dec	G-Engineering	T-Testing	50-316/1999006
84-Non-conserv. dec	G-Engineering	G-Design	50-316/1999007
84-Non-conserv. dec	G-Engineering	G-Design	50-316/1999007
84-Non-conserv. dec	G-Engineering	G-Design	50-316/1999007
93-Awareness or att	G-Engineering	G-Design	50-316/1999007
84-Non-conserv. dec	G-Engineering	G-Design	50-316/1999007
93-Awareness or att	G-Engineering	G-Design	50-316/1999007
93-Awareness or att	G-Engineering	A-Administrative	50-316/1999007
84-Non-conserv. dec	G-Engineering	G-Design	50-316/1999007
84-Non-conserv. dec	G-Engineering	G-Design	50-316/1999007
84-Non-conserv. dec	G-Engineering	G-Design	50-316/1999007
81-Work Package Qua	G-Engineering	G-Design	50-316/1999007
84-Non-conserv. dec	G-Engineering	G-Design	50-316/1999007
84-Non-conserv. dec	G-Engineering	G-Design	50-316/1999007
84-Non-conserv. dec	G-Engineering	G-Design	50-316/1999007
81-Work Package Qua	G-Engineering	G-Design	50-316/1999007
84-Non-conserv. dec	O-Operations	D-Emergency Drill	50-316/1999008
87-Non-conservative	D-Emergency Plannin	D-Emergency Drill	50-316/1999008
93-Awareness or att	D-Emergency Plannin	A-Administrative	50-316/1999008
93-Awareness or att	D-Emergency Plannin	D-Emergency Drill	50-316/1999008

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## Combined IR/ER/LER Report

Docket: 50-316 COOK 2

Total Number of Hits in Date Range: 390

From 01/01/1999 to 12/31/1999

2x National Average: 226

Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 148			
Percent of Total: 37.95			
81-Work Package Qua	G-Engineering	G-Design	50-316/1999009
83-Work practice or	G-Engineering	G-Design	50-316/1999009
93-Awareness or att	G-Engineering	G-Design	50-316/1999009
81-Work Package Qua	G-Engineering	G-Design	50-316/1999009
81-Work Package Qua	G-Engineering	F-Modification	50-316/1999009
81-Work Package Qua	G-Engineering	G-Design	50-316/1999009
81-Work Package Qua	G-Engineering	G-Design	50-316/1999009
81-Work Package Qua	G-Engineering	G-Design	50-316/1999009
86-Work untimely	G-Engineering	G-Design	50-316/1999009
81-Work Package Qua	G-Engineering	G-Design	50-316/1999009
93-Awareness or att	G-Engineering	G-Design	50-316/1999009
86-Work untimely	G-Engineering	G-Design	50-316/1999009
81-Work Package Qua	G-Engineering	G-Design	50-316/1999009
83-Work practice or	G-Engineering	G-Design	50-316/1999009
83-Work practice or	G-Engineering	G-Design	50-316/1999009
84-Non-conserv. dec	O-Operations	Z-Other	50-316/1999010
93-Awareness or att	O-Operations	O-Control Room Ops	50-316/1999010
93-Awareness or att	O-Operations	O-Control Room Ops	50-316/1999010
84-Non-conserv. dec	C-Chemistry	B-Bal of Plant Ops	50-316/1999010
81-Work Package Qua	G-Engineering	G-Design	50-316/1999011
83-Work practice or	G-Engineering	G-Design	50-316/1999012
83-Work practice or	G-Engineering	G-Design	50-316/1999012
83-Work practice or	G-Engineering	G-Design	50-316/1999012
83-Work practice or	G-Engineering	G-Design	50-316/1999012
83-Work practice or	G-Engineering	G-Design	50-316/1999012
83-Work practice or	G-Engineering	G-Design	50-316/1999012
84-Non-conserv. dec	G-Engineering	G-Design	50-316/1999012
93-Awareness or att	G-Engineering	G-Design	50-316/1999012
81-Work Package Qua	G-Engineering	G-Design	50-316/1999012
93-Awareness or att	G-Engineering	G-Design	50-316/1999012
83-Work practice or	G-Engineering	G-Design	50-316/1999012
83-Work practice or	G-Engineering	G-Design	50-316/1999012
83-Work practice or	G-Engineering	G-Design	50-316/1999012
93-Awareness or att	G-Engineering	Z-Other	50-316/1999012
84-Non-conserv. dec	O-Operations	Z-Other	50-316/1999013
94-Log-keeping or r	H-Health Physics	A-Administrative	50-316/1999014
94-Log-keeping or r	H-Health Physics	A-Administrative	50-316/1999014
94-Log-keeping or r	H-Health Physics	A-Administrative	50-316/1999014
86-Work untimely	H-Health Physics	H-Health Physics	50-316/1999014
93-Awareness or att	H-Health Physics	H-Health Physics	50-316/1999014
93-Awareness or att	H-Health Physics	H-Health Physics	50-316/1999014
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-316/1999017

88-Tag outs LTA	O-Operations	M-Maint / Repair	50-316/1999017
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-316/1999017
93-Awareness or att	O-Operations	Z-Other	50-316/1999017
84-Non-conserv. dec	M-Mechanical	Z-Other	50-316/1999017
84-Non-conserv. dec	O-Operations	Z-Other	50-316/1999017
83-Work practice or	G-Engineering	V-Troubleshooting	50-316/1999017
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-316/1999019
89-Housekeeping LTA	E-Electrical	M-Maint / Repair	50-316/1999019
93-Awareness or att	E-Electrical	M-Maint / Repair	50-316/1999019

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

Total Number of Hits in Date Range: 390  
From 01/01/1999 to 12/31/1999  
2x National Average: 226

Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 148			
Percent of Total: 37.95			
93-Awareness or att	E-Electrical	M-Maint / Repair	50-316/1999019
93-Awareness or att	E-Electrical	M-Maint / Repair	50-316/1999019
86-Work untimely	G-Engineering	F-Modification	50-316/1999019
83-Work practice or	G-Engineering	A-Administrative	50-316/1999019
81-Work Package Qua	G-Engineering	F-Modification	50-316/1999019
93-Awareness or att	G-Engineering	G-Design	50-316/1999019
91-Verification / p	G-Engineering	B-Bal of Plant Ops	50-316/1999024
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-316/1999024
93-Awareness or att	G-Engineering	A-Administrative	50-316/1999024
93-Awareness or att	G-Engineering	A-Administrative	50-316/1999024
81-Work Package Qua	G-Engineering	G-Design	50-316/1999025
84-Non-conserv. dec	G-Engineering	G-Design	50-316/1999025
91-Verification / p	E-Electrical	M-Maint / Repair	50-316/1999025
91-Verification / p	E-Electrical	M-Maint / Repair	50-316/1999025
91-Verification / p	E-Electrical	M-Maint / Repair	50-316/1999025
93-Awareness or att	E-Electrical	M-Maint / Repair	50-316/1999025

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

Work Factors LER  
Number of items: 3  
Percent of total: .77

83-Work practice or	G-Engineering	F-Modification	50-315/199803701
83-Work practice or	M-Mechanical	G-Design	50-315/199901200
91-Verification / p	M-Mechanical	G-Design	50-315/199901200

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[End of File for Plant Docket 316 (1999)]

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