

# 2000 Human Factors Information System Report for Plant Docket 305

Combined IR/ER/LER Report  
Docket: 50-305 KEWAUNEE

Total Number of Hits in Date Range: 180  
From 01/01/2000 to 12/31/2000  
2x National Average: 144

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 4			
Percent of total: 2.22			
55-Communication Eq	D-Emergency Plannin	D-Emergency Drill	50-305/1999013
	D-Emergency Plannin		
51-Misunderstood /	M-Mechanical	H-Health Physics	50-305/1999013
	M-Mechanical		
53-Communication LT	O-Operations	O-Control Room Ops	50-305/2000004
	O-Operations		
53-Communication LT	O-Operations	O-Control Room Ops	50-305/2000019
	O-Operations		
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 2			
Percent of total: 1.11			
53-Communication LT	G-Engineering	T-Testing	50-305/200000200
	G-Engineering		
54-No communication	I-Instrumentation &	T-Testing	50-305/200001600
	O-Operations		
Human-System Interface and Environm IR			
Number of items: 1			
Percent of total: .56			
76-Postings LTA	H-Health Physics	H-Health Physics	50-305/2000009
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: 64			
Percent of total: 35.56			
47-Root Cause LTA	G-Engineering	Z-Other	50-305/2000004
32-Supervision / co	C-Chemistry	B-Bal of Plant Ops	50-305/2000005
40-Individual Corre	C-Chemistry	Z-Other	50-305/2000005
47-Root Cause LTA	D-Emergency Plannin	Z-Other	50-305/2000006
32-Supervision / co	B-Plant Management	D-Emergency Drill	50-305/2000006
36-Scheduling and p	D-Emergency Plannin	M-Maint / Repair	50-305/2000006
48-Audits or proble	Q-QA/QC	Z-Other	50-305/2000006
44-Corrective Actio	G-Engineering	Z-Other	50-305/2000008
40-Individual Corre	G-Engineering	Z-Other	50-305/2000008
40-Individual Corre	H-Health Physics	Z-Other	50-305/2000009
41-Action not begun	G-Engineering	Z-Other	50-305/2000012

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Combined IR/ER/LER Report  
Docket: 50-305 KEWAUNEE

## Human Factors Information System Report

Total Number of Hits in Date Range: 180  
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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 64			
Percent of Total: 35.56			
40-Individual Corre	Z-Other	Z-Other	50-305/2000013
32-Supervision / co	Q-QA/QC	T-Testing	50-305/2000014
33-Management expec	O-Operations	T-Testing	50-305/2000014
32-Supervision / co	Q-QA/QC	T-Testing	50-305/2000014
33-Management expec	O-Operations	T-Testing	50-305/2000014
40-Individual Corre	D-Emergency Plannin	Z-Other	50-305/2000015
41-Action not begun	D-Emergency Plannin	Z-Other	50-305/2000015
41-Action not begun	C-Chemistry	Z-Other	50-305/2000016
47-Root Cause LTA	G-Engineering	Z-Other	50-305/2000017
33-Management expec	G-Engineering	Z-Other	50-305/2000017
47-Root Cause LTA	G-Engineering	Z-Other	50-305/2000017
48-Audits or proble	D-Emergency Plannin	Z-Other	50-305/2000017
48-Audits or proble	D-Emergency Plannin	Z-Other	50-305/2000017
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-305/2000017
48-Audits or proble	D-Emergency Plannin	Z-Other	50-305/2000017
48-Audits or proble	G-Engineering	Z-Other	50-305/2000017
48-Audits or proble	D-Emergency Plannin	Z-Other	50-305/2000017
40-Individual Corre	Q-QA/QC	Z-Other	50-305/2000017
44-Corrective Actio	G-Engineering	Z-Other	50-305/2000017
44-Corrective Actio	G-Engineering	Z-Other	50-305/2000019
44-Corrective Actio	G-Engineering	Z-Other	50-305/2000019
44-Corrective Actio	G-Engineering	Z-Other	50-305/2000019
44-Corrective Actio	G-Engineering	Z-Other	50-305/2000019
44-Corrective Actio	G-Engineering	Z-Other	50-305/2000019
47-Root Cause LTA	G-Engineering	Z-Other	50-305/2000019
40-Individual Corre	C-Chemistry	Z-Other	50-305/2000019
41-Action not begun	C-Chemistry	Z-Other	50-305/2000019
41-Action not begun	G-Engineering	Z-Other	50-305/2000019
44-Corrective Actio	G-Engineering	Z-Other	50-305/2000019
47-Root Cause LTA	G-Engineering	Z-Other	50-305/2000019
40-Individual Corre	G-Engineering	Z-Other	50-305/2000019
40-Individual Corre	G-Engineering	Z-Other	50-305/2000019
40-Individual Corre	D-Emergency Plannin	Z-Other	50-305/2000019
44-Corrective Actio	G-Engineering	Z-Other	50-305/2000019
44-Corrective Actio	G-Engineering	Z-Other	50-305/2000019
40-Individual Corre	G-Engineering	Z-Other	50-305/2000019
44-Corrective Actio	G-Engineering	Z-Other	50-305/2000019
44-Corrective Actio	G-Engineering	Z-Other	50-305/2000019
40-Individual Corre	C-Chemistry	Z-Other	50-305/2000019
40-Individual Corre	Z-Other	Z-Other	50-305/2000019
40-Individual Corre	D-Emergency Plannin	Z-Other	50-305/2000019
40-Individual Corre	C-Chemistry	Z-Other	50-305/2000019
40-Individual Corre	H-Health Physics	Z-Other	50-305/2000019
40-Individual Corre	P-Procedure Writers	Z-Other	50-305/2000019
40-Individual Corre	P-Procedure Writers	Z-Other	50-305/2000019
41-Action not begun	G-Engineering	Z-Other	50-305/2000019
41-Action not begun	G-Engineering	Z-Other	50-305/2000019
47-Root Cause LTA	O-Operations	Z-Other	50-305/2000019
48-Audits or proble	Q-QA/QC	Z-Other	50-305/2000019
44-Corrective Actio	Q-QA/QC	Z-Other	50-305/2000019
44-Corrective Actio	B-Plant Management	Z-Other	50-305/2000019

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 Docket: 50-305 KEWAUNEE

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 64			
Percent of Total: 35.56			

## Human Factors Information System Report

44-Corrective Actio B-Plant Management	Z-Other	50-305/2000019
33-Management expec O-Operations	M-Maint / Repair	50-305/2000020
41-Action not begun O-Operations	Z-Other	50-305/2000020

## Management and Supervision ER

Number of items: 0  
Percent of total: 0

## Management and Supervision LER

Number of items: 3  
Percent of total: 1.67

36-Scheduling and p G-Engineering	T-Testing	50-305/200000200
44-Corrective Actio M-Mechanical	T-Testing	50-305/200001200
44-Corrective Actio G-Engineering	T-Testing	50-305/200001200

## Organizational Issues IR

Number of items: 1  
Percent of total: .56

21-Staffing LTA	Q-QA/QC	Z-Other	50-305/2000005
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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: 21  
Percent of total: 11.67

12-Procedure techni G-Engineering	G-Design	50-305/2000003
13-Procedure has hu P-Procedure Writers	P-Procedure Dev	50-305/2000004
12-Procedure techni G-Engineering	G-Design	50-305/2000004
12-Procedure techni C-Chemistry	B-Bal of Plant Ops	50-305/2000005
12-Procedure techni C-Chemistry	H-Health Physics	50-305/2000005
14-Document develop C-Chemistry	H-Health Physics	50-305/2000005
14-Document develop C-Chemistry	H-Health Physics	50-305/2000005
12-Procedure techni C-Chemistry	B-Bal of Plant Ops	50-305/2000005
12-Procedure techni D-Emergency Plannin	D-Emergency Drill	50-305/2000006
12-Procedure techni O-Operations	Q-Fire Protection	50-305/2000007
12-Procedure techni P-Procedure Writers	P-Procedure Dev	50-305/2000012
13-Procedure has hu Z-Other	Z-Other	50-305/2000014
13-Procedure has hu D-Emergency Plannin	D-Emergency Drill	50-305/2000015
13-Procedure has hu D-Emergency Plannin	D-Emergency Drill	50-305/2000017
12-Procedure techni P-Procedure Writers	P-Procedure Dev	50-305/2000019
12-Procedure techni P-Procedure Writers	P-Procedure Dev	50-305/2000019
11-No procedure / r G-Engineering	G-Design	50-305/2000019
11-No procedure / r G-Engineering	G-Design	50-305/2000019
11-No procedure / r G-Engineering	G-Design	50-305/2000019

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## Procedures and Reference Document IR

Number of items: 21  
Percent of Total: 11.67

11-No procedure / r G-Engineering	G-Design	50-305/2000019
13-Procedure has hu O-Operations	P-Procedure Dev	50-305/2000019

## Procedures and Reference Document ER

Number of items: 0  
Percent of total: 0

## Procedures and Reference Document LER

Number of items: 7

Percent of total: 3.89

13-Procedure has hu	G-Engineering	T-Testing	50-305/200000200
13-Procedure has hu	G-Engineering	T-Testing	50-305/200000200
11-No procedure / r	G-Engineering	T-Testing	50-305/200000200
11-No procedure / r	G-Engineering	T-Testing	50-305/200000200
12-Procedure techni	G-Engineering	T-Testing	50-305/200001100
12-Procedure techni	M-Mechanical	T-Testing	50-305/200001200
12-Procedure techni	G-Engineering	T-Testing	50-305/200001200

#### Training IR

Number of items: 6

Percent of total: 3.33

03-Training process	T-Training	B-Bal of Plant Ops	50-305/2000005
05-Individual knowl	O-Operations	O-Control Room Ops	50-305/2000008
05-Individual knowl	O-Operations	O-Control Room Ops	50-305/2000008
02-Training LTA	T-Training	H-Health Physics	50-305/2000009
03-Training process	T-Training	Z-Other	50-305/2000010
02-Training LTA	T-Training	Z-Other	50-305/2000017

#### Training ER

Number of items: 0

Percent of total: 0

#### Training LER

Number of items: 3

Percent of total: 1.67

02-Training LTA	G-Engineering	T-Testing	50-305/200000200
02-Training LTA	G-Engineering	T-Testing	50-305/200000200
02-Training LTA	O-Operations	O-Control Room Ops	50-305/200001300

#### Work Factors IR

Number of items: 60

Percent of total: 33.33

85-Team interaction	O-Operations	B-Bal of Plant Ops	50-305/1999013
84-Non-conserv. dec	M-Mechanical	H-Health Physics	50-305/1999013
84-Non-conserv. dec	G-Engineering	G-Design	50-305/2000002
93-Awareness or att	G-Engineering	G-Design	50-305/2000002
84-Non-conserv. dec	G-Engineering	Z-Other	50-305/2000003
93-Awareness or att	G-Engineering	F-Modification	50-305/2000003
84-Non-conserv. dec	G-Engineering	G-Design	50-305/2000003
86-Work untimely	G-Engineering	G-Design	50-305/2000003

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

Number of items: 60

Percent of Total: 33.33

94-Log-keeping or r	O-Operations	O-Control Room Ops	50-305/2000004
85-Team interaction	O-Operations	O-Control Room Ops	50-305/2000004
85-Team interaction	O-Operations	O-Control Room Ops	50-305/2000004
91-Verification / p	O-Operations	S-Surveillance	50-305/2000004
93-Awareness or att	O-Operations	A-Administrative	50-305/2000005
93-Awareness or att	O-Operations	A-Administrative	50-305/2000005
93-Awareness or att	O-Operations	A-Administrative	50-305/2000005
93-Awareness or att	C-Chemistry	B-Bal of Plant Ops	50-305/2000005
93-Awareness or att	C-Chemistry	B-Bal of Plant Ops	50-305/2000005
83-Work practice or	H-Health Physics	H-Health Physics	50-305/2000005
86-Work untimely	H-Health Physics	H-Health Physics	50-305/2000005
83-Work practice or	C-Chemistry	B-Bal of Plant Ops	50-305/2000005
83-Work practice or	C-Chemistry	B-Bal of Plant Ops	50-305/2000005
83-Work practice or	C-Chemistry	B-Bal of Plant Ops	50-305/2000005
83-Work practice or	C-Chemistry	H-Health Physics	50-305/2000005
83-Work practice or	C-Chemistry	H-Health Physics	50-305/2000005
83-Work practice or	C-Chemistry	H-Health Physics	50-305/2000005
93-Awareness or att	D-Emergency Plannin	A-Administrative	50-305/2000006

## Human Factors Information System Report

94-Log-keeping or r	D-Emergency Plannin	M-Maint / Repair	50-305/2000006
84-Non-conserv. dec	O-Operations	Z-Other	50-305/2000008
84-Non-conserv. dec	O-Operations	Z-Other	50-305/2000008
93-Awareness or att	O-Operations	A-Administrative	50-305/2000008
86-Work untimely	G-Engineering	Z-Other	50-305/2000008
93-Awareness or att	U-Unknown	H-Health Physics	50-305/2000009
93-Awareness or att	T-Training	Z-Other	50-305/2000010
93-Awareness or att	T-Training	Z-Other	50-305/2000010
83-Work practice or	O-Operations	Z-Other	50-305/2000010
83-Work practice or	O-Operations	Z-Other	50-305/2000010
93-Awareness or att	G-Engineering	S-Surveillance	50-305/2000011
93-Awareness or att	G-Engineering	S-Surveillance	50-305/2000011
81-Work Package Qua	G-Engineering	G-Design	50-305/2000012
93-Awareness or att	G-Engineering	A-Administrative	50-305/2000012
93-Awareness or att	G-Engineering	A-Administrative	50-305/2000012
84-Non-conserv. dec	G-Engineering	G-Design	50-305/2000012
84-Non-conserv. dec	G-Engineering	G-Design	50-305/2000012
84-Non-conserv. dec	G-Engineering	G-Design	50-305/2000012
93-Awareness or att	G-Engineering	G-Design	50-305/2000012
83-Work practice or	G-Engineering	G-Design	50-305/2000012
84-Non-conserv. dec	G-Engineering	G-Design	50-305/2000012
93-Awareness or att	Z-Other	Z-Other	50-305/2000013
83-Work practice or	I-Instrumentation &	T-Testing	50-305/2000014
83-Work practice or	I-Instrumentation &	T-Testing	50-305/2000014
93-Awareness or att	Z-Other	A-Administrative	50-305/2000015
93-Awareness or att	Z-Other	A-Administrative	50-305/2000015
85-Team interaction	C-Chemistry	Z-Other	50-305/2000016
85-Team interaction	H-Health Physics	Z-Other	50-305/2000016
81-Work Package Qua	G-Engineering	F-Modification	50-305/2000017
94-Log-keeping or r	I-Instrumentation &	M-Maint / Repair	50-305/2000017
85-Team interaction	G-Engineering	Z-Other	50-305/2000017
85-Team interaction	Q-QA/QC	Z-Other	50-305/2000017

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Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 60			
Percent of Total: 33.33			
91-Verification / p	O-Operations	S-Surveillance	50-305/2000019
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-305/2000020
Work Factors ER			
Number of items: 0			
Percent of total: 0			
Work Factors LER			
Number of items: 8			
Percent of total: 4.44			
92-Self check LTA	G-Engineering	T-Testing	50-305/200000200
93-Awareness or att	G-Engineering	T-Testing	50-305/200000200
84-Non-conserv. dec	M-Mechanical	T-Testing	50-305/200001200
84-Non-conserv. dec	G-Engineering	T-Testing	50-305/200001200
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-305/200001300
93-Awareness or att	O-Operations	O-Control Room Ops	50-305/200001300
84-Non-conserv. dec	I-Instrumentation &	T-Testing	50-305/200001600
82-Briefing, prep.	I-Instrumentation &	T-Testing	50-305/200001600

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[End of File for Plant Docket 305 (2000)]