

# 1997 Human Factors Information System Report for Plant Docket 302

Combined IR/ER/LER Report  
Docket: 50-302 CRYSTAL RIVER 3

Total Number of Hits in Date Range: 465  
From 01/01/1997 to 12/31/1997  
2x National Average: 213

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 20			
Percent of total: 4.3			
53-Communication	LT O-Operations	U-Unknown	50-302/1996020
53-Communication	LT B-Plant Management	U-Unknown	50-302/1996020
53-Communication	LT W-Work Control / Sc	M-Maint / Repair	50-302/1997001
	W-Work Control / Sc		
52-Communication	un O-Operations	O-Control Room Ops	50-302/1997004
	O-Operations		
54-No communication	M-Mechanical	M-Maint / Repair	50-302/1997005
	M-Mechanical		
55-Communication	Eq D-Emergency Plannin	D-Emergency Drill	50-302/1997005
	D-Emergency Plannin		
53-Communication	LT D-Emergency Plannin	D-Emergency Drill	50-302/1997005
	D-Emergency Plannin		
53-Communication	LT O-Operations	A-Administrative	50-302/1997007
	O-Operations		
53-Communication	LT C-Chemistry	Z-Other	50-302/1997007
	C-Chemistry		
53-Communication	LT O-Operations	M-Maint / Repair	50-302/1997008
	O-Operations		
54-No communication	G-Engineering	A-Administrative	50-302/1997011
	G-Engineering		
54-No communication	M-Mechanical	M-Maint / Repair	50-302/1997013
	M-Mechanical		
53-Communication	LT O-Operations	M-Maint / Repair	50-302/1997013
	O-Operations		
53-Communication	LT G-Engineering	A-Administrative	50-302/1997013
	G-Engineering		
53-Communication	LT O-Operations	A-Administrative	50-302/1997013
	O-Operations		
53-Communication	LT D-Emergency Plannin	D-Emergency Drill	50-302/1997013
	D-Emergency Plannin		
53-Communication	LT G-Engineering	Z-Other	50-302/1997014
	G-Engineering		
53-Communication	LT O-Operations	O-Control Room Ops	50-302/1997016
	O-Operations		
53-Communication	LT O-Operations	O-Control Room Ops	50-302/1997017
	O-Operations		
52-Communication	un G-Engineering	A-Administrative	50-302/1997017
	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: 11  
Percent of total: 2.37  
64-Placement or loc O-Operations B-Bal of Plant Ops 50-302/1997002  
Page: 1 Date:08/05/1998

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2x National Average: 213

Details	Department	Work Type	Docket/Report
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Human-System Interface and Environm IR

Number of items: 11  
 Percent of Total: 2.37

61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-302/1997005
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-302/1997005
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-302/1997005
61-Labels LTA	O-Operations	M-Maint / Repair	50-302/1997005
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-302/1997005
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-302/1997005
61-Labels LTA	O-Operations	M-Maint / Repair	50-302/1997007
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-302/1997013
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-302/1997014
66-HSI does not exi	O-Operations	T-Testing	50-302/1997016

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: 90  
 Percent of total: 19.35

40-Individual Corre	G-Engineering	U-Unknown	50-302/1996019
40-Individual Corre	G-Engineering	U-Unknown	50-302/1996019
33-Management expec	O-Operations	A-Administrative	50-302/1997001
41-Action not begun	O-Operations	M-Maint / Repair	50-302/1997001
32-Supervision / co	O-Operations	M-Maint / Repair	50-302/1997001
41-Action not begun	O-Operations	M-Maint / Repair	50-302/1997001
44-Corrective Actio	O-Operations	Z-Other	50-302/1997001
36-Scheduling and p	W-Work Control / Sc	C-Calibration	50-302/1997001
32-Supervision / co	G-Engineering	M-Maint / Repair	50-302/1997001
32-Supervision / co	G-Engineering	M-Maint / Repair	50-302/1997001
40-Individual Corre	O-Operations	Z-Other	50-302/1997001
41-Action not begun	G-Engineering	Z-Other	50-302/1997001
44-Corrective Actio	O-Operations	B-Bal of Plant Ops	50-302/1997002
47-Root Cause LTA	O-Operations	B-Bal of Plant Ops	50-302/1997002
40-Individual Corre	G-Engineering	G-Design	50-302/1997002
40-Individual Corre	G-Engineering	S-Surveillance	50-302/1997002
44-Corrective Actio	Z-Other	Z-Other	50-302/1997002
40-Individual Corre	G-Engineering	G-Design	50-302/1997004
40-Individual Corre	O-Operations	O-Control Room Ops	50-302/1997004
40-Individual Corre	B-Plant Management	G-Design	50-302/1997004
40-Individual Corre	G-Engineering	G-Design	50-302/1997004
47-Root Cause LTA	G-Engineering	G-Design	50-302/1997004
40-Individual Corre	B-Plant Management	G-Design	50-302/1997004
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-302/1997005
40-Individual Corre	M-Mechanical	M-Maint / Repair	50-302/1997005
44-Corrective Actio	B-Plant Management	M-Maint / Repair	50-302/1997005
44-Corrective Actio	O-Operations	B-Bal of Plant Ops	50-302/1997005
40-Individual Corre	O-Operations	O-Control Room Ops	50-302/1997005

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Details	Department	Work Type	Docket/Report
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Management and Supervision IR

Number of items: 90  
 Percent of Total: 19.35

40-Individual Corre	O-Operations	O-Control Room Ops	50-302/1997005
40-Individual Corre	O-Operations	O-Control Room Ops	50-302/1997005
41-Action not begun	B-Plant Management	Z-Other	50-302/1997005
44-Corrective Actio	O-Operations	Z-Other	50-302/1997005
40-Individual Corre	G-Engineering	G-Design	50-302/1997005
41-Action not begun	Z-Other	Z-Other	50-302/1997005
41-Action not begun	G-Engineering	G-Design	50-302/1997006
47-Root Cause LTA	O-Operations	Z-Other	50-302/1997007
33-Management expec	E-Electrical	M-Maint / Repair	50-302/1997007
40-Individual Corre	O-Operations	Z-Other	50-302/1997007
33-Management expec	O-Operations	B-Bal of Plant Ops	50-302/1997007
36-Scheduling and p	O-Operations	O-Control Room Ops	50-302/1997007
44-Corrective Actio	G-Engineering	Z-Other	50-302/1997007
32-Supervision / co	O-Operations	T-Testing	50-302/1997007
32-Supervision / co	G-Engineering	T-Testing	50-302/1997007
47-Root Cause LTA	M-Mechanical	Z-Other	50-302/1997007

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36-Scheduling and p	O-Operations	T-Testing	50-302/1997007
43-Operating Experi	G-Engineering	M-Maint / Repair	50-302/1997007
43-Operating Experi	G-Engineering	M-Maint / Repair	50-302/1997007
40-Individual Corre	H-Health Physics	H-Health Physics	50-302/1997007
33-Management expec	B-Plant Management	H-Health Physics	50-302/1997007
33-Management expec	H-Health Physics	H-Health Physics	50-302/1997007
40-Individual Corre	Z-Other	Z-Other	50-302/1997007
40-Individual Corre	G-Engineering	Z-Other	50-302/1997007
32-Supervision / co	O-Operations	M-Maint / Repair	50-302/1997008
40-Individual Corre	O-Operations	A-Administrative	50-302/1997008
44-Corrective Actio	O-Operations	A-Administrative	50-302/1997008
33-Management expec	O-Operations	A-Administrative	50-302/1997008
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-302/1997008
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-302/1997008
40-Individual Corre	D-Emergency Plannin	A-Administrative	50-302/1997008
41-Action not begun	O-Operations	Z-Other	50-302/1997008
44-Corrective Actio	G-Engineering	Z-Other	50-302/1997011
34-Perceived pressu	M-Mechanical	M-Maint / Repair	50-302/1997011
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-302/1997011
47-Root Cause LTA	O-Operations	M-Maint / Repair	50-302/1997011
34-Perceived pressu	M-Mechanical	M-Maint / Repair	50-302/1997011
40-Individual Corre	G-Engineering	G-Design	50-302/1997011
33-Management expec	G-Engineering	Z-Other	50-302/1997013
40-Individual Corre	G-Engineering	Z-Other	50-302/1997013
40-Individual Corre	O-Operations	Z-Other	50-302/1997013
40-Individual Corre	G-Engineering	Z-Other	50-302/1997013
41-Action not begun	E-Electrical	M-Maint / Repair	50-302/1997013
33-Management expec	E-Electrical	M-Maint / Repair	50-302/1997014
40-Individual Corre	G-Engineering	A-Administrative	50-302/1997014
33-Management expec	O-Operations	O-Control Room Ops	50-302/1997014
44-Corrective Actio	O-Operations	Z-Other	50-302/1997014
48-Audits or proble	M-Mechanical	M-Maint / Repair	50-302/1997014
48-Audits or proble	G-Engineering	Z-Other	50-302/1997014
40-Individual Corre	I-Instrumentation &	Z-Other	50-302/1997014

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 90			
Percent of Total: 19.35			
40-Individual Corre	I-Instrumentation &	Z-Other	50-302/1997014
41-Action not begun	G-Engineering	G-Design	50-302/1997014
40-Individual Corre	G-Engineering	Z-Other	50-302/1997014
41-Action not begun	O-Operations	Z-Other	50-302/1997016
44-Corrective Actio	O-Operations	Z-Other	50-302/1997016
40-Individual Corre	O-Operations	Z-Other	50-302/1997016
40-Individual Corre	G-Engineering	Z-Other	50-302/1997016
41-Action not begun	G-Engineering	Z-Other	50-302/1997016
36-Scheduling and p	H-Health Physics	H-Health Physics	50-302/1997016
41-Action not begun	G-Engineering	Z-Other	50-302/1997017
47-Root Cause LTA	G-Engineering	Z-Other	50-302/1997017
41-Action not begun	G-Engineering	Z-Other	50-302/1997017

Management and Supervision ER  
Number of items: 0  
Percent of total: 0Management and Supervision LER  
Number of items: 0  
Percent of total: 0Organizational Issues IR  
Number of items: 1  
Percent of total: .22  
27-Excessive hours B-Plant Management U-Unknown 50-302/1996020Organizational Issues ER  
Number of items: 0  
Percent of total: 0Organizational Issues LER  
Number of items: 0  
Percent of total: 0

## Procedures and Reference Document IR

Number of items: 86

Percent of total: 18.49

12-Procedure techni	G-Engineering	U-Unknown	50-302/1996019
12-Procedure techni	G-Engineering	U-Unknown	50-302/1996019
14-Document develop	G-Engineering	U-Unknown	50-302/1996019
11-No procedure / r	O-Operations	U-Unknown	50-302/1996020
12-Procedure techni	O-Operations	U-Unknown	50-302/1996020
13-Procedure has hu	O-Operations	A-Administrative	50-302/1997001
12-Procedure techni	G-Engineering	G-Design	50-302/1997001
13-Procedure has hu	G-Engineering	G-Design	50-302/1997001
11-No procedure / r	G-Engineering	G-Design	50-302/1997001
11-No procedure / r	G-Engineering	G-Design	50-302/1997001
11-No procedure / r	G-Engineering	G-Design	50-302/1997001
11-No procedure / r	G-Engineering	G-Design	50-302/1997001
12-Procedure techni	G-Engineering	G-Design	50-302/1997001

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

Number of items: 86

Percent of Total: 18.49

12-Procedure techni	G-Engineering	G-Design	50-302/1997001
12-Procedure techni	G-Engineering	G-Design	50-302/1997001
12-Procedure techni	G-Engineering	G-Design	50-302/1997001
12-Procedure techni	G-Engineering	G-Design	50-302/1997001
11-No procedure / r	G-Engineering	G-Design	50-302/1997001
12-Procedure techni	G-Engineering	G-Design	50-302/1997001
11-No procedure / r	G-Engineering	G-Design	50-302/1997002
11-No procedure / r	G-Engineering	G-Design	50-302/1997002
12-Procedure techni	G-Engineering	G-Design	50-302/1997002
12-Procedure techni	G-Engineering	G-Design	50-302/1997002
11-No procedure / r	Z-Other	Z-Other	50-302/1997002
12-Procedure techni	Z-Other	Z-Other	50-302/1997002
12-Procedure techni	G-Engineering	G-Design	50-302/1997005
12-Procedure techni	G-Engineering	G-Design	50-302/1997005
11-No procedure / r	G-Engineering	G-Design	50-302/1997005
12-Procedure techni	G-Engineering	G-Design	50-302/1997005
12-Procedure techni	G-Engineering	G-Design	50-302/1997005
12-Procedure techni	G-Engineering	G-Design	50-302/1997006
12-Procedure techni	G-Engineering	G-Design	50-302/1997006
12-Procedure techni	G-Engineering	G-Design	50-302/1997006
12-Procedure techni	G-Engineering	G-Design	50-302/1997007
14-Document develop	G-Engineering	G-Design	50-302/1997007
12-Procedure techni	G-Engineering	G-Design	50-302/1997007
11-No procedure / r	Z-Other	Z-Other	50-302/1997007
13-Procedure has hu	G-Engineering	G-Design	50-302/1997008
12-Procedure techni	G-Engineering	G-Design	50-302/1997008
12-Procedure techni	G-Engineering	G-Design	50-302/1997008
12-Procedure techni	G-Engineering	G-Design	50-302/1997008
12-Procedure techni	G-Engineering	G-Design	50-302/1997011
12-Procedure techni	G-Engineering	G-Design	50-302/1997011
12-Procedure techni	G-Engineering	G-Design	50-302/1997011
12-Procedure techni	G-Engineering	G-Design	50-302/1997011
11-No procedure / r	G-Engineering	G-Design	50-302/1997011
12-Procedure techni	G-Engineering	G-Design	50-302/1997011
12-Procedure techni	G-Engineering	G-Design	50-302/1997011
12-Procedure techni	G-Engineering	G-Design	50-302/1997011
12-Procedure techni	G-Engineering	G-Design	50-302/1997011
11-No procedure / r	G-Engineering	G-Design	50-302/1997011
12-Procedure techni	G-Engineering	G-Design	50-302/1997011
12-Procedure techni	O-Operations	A-Administrative	50-302/1997011
12-Procedure techni	G-Engineering	G-Design	50-302/1997011
12-Procedure techni	G-Engineering	P-Procedure Dev	50-302/1997011
12-Procedure techni	G-Engineering	G-Design	50-302/1997011
11-No procedure / r	G-Engineering	G-Design	50-302/1997011
12-Procedure techni	G-Engineering	G-Design	50-302/1997013
11-No procedure / r	G-Engineering	G-Design	50-302/1997013
12-Procedure techni	G-Engineering	G-Design	50-302/1997014
13-Procedure has hu	G-Engineering	G-Design	50-302/1997014
13-Procedure has hu	G-Engineering	G-Design	50-302/1997014

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Total Number of Hits in Date Range: 465  
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Details	Department	Work Type	Docket/Report
Procedures and Reference Document IR			
Number of items: 86			
Percent of Total: 18.49			
13-Procedure has hu	G-Engineering	G-Design	50-302/1997014
11-No procedure / r	G-Engineering	G-Design	50-302/1997014
12-Procedure techni	G-Engineering	G-Design	50-302/1997014
11-No procedure / r	Q-QA/QC	A-Administrative	50-302/1997014
12-Procedure techni	G-Engineering	G-Design	50-302/1997014
12-Procedure techni	G-Engineering	G-Design	50-302/1997014
12-Procedure techni	G-Engineering	G-Design	50-302/1997014
12-Procedure techni	G-Engineering	G-Design	50-302/1997014
11-No procedure / r	I-Instrumentation &	T-Testing	50-302/1997014
13-Procedure has hu	G-Engineering	G-Design	50-302/1997014
12-Procedure techni	G-Engineering	G-Design	50-302/1997014
12-Procedure techni	G-Engineering	G-Design	50-302/1997014
12-Procedure techni	G-Engineering	G-Design	50-302/1997014
13-Procedure has hu	G-Engineering	G-Design	50-302/1997016
11-No procedure / r	G-Engineering	G-Design	50-302/1997016
13-Procedure has hu	G-Engineering	G-Design	50-302/1997016
12-Procedure techni	G-Engineering	G-Design	50-302/1997016
12-Procedure techni	Z-Other	Z-Other	50-302/1997016
12-Procedure techni	G-Engineering	G-Design	50-302/1997017
12-Procedure techni	G-Engineering	G-Design	50-302/1997017
12-Procedure techni	G-Engineering	G-Design	50-302/1997017
12-Procedure techni	G-Engineering	G-Design	50-302/1997017
11-No procedure / r	D-Emergency Plannin	D-Emergency Drill	50-302/1997017

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: 1.51

13-Procedure has hu	O-Operations	C-Calibration	50-302/199700200
13-Procedure has hu	I-Instrumentation &	C-Calibration	50-302/199700200
13-Procedure has hu	G-Engineering	F-Modification	50-302/199700400
13-Procedure has hu	O-Operations	A-Administrative	50-302/199700600
13-Procedure has hu	O-Operations	T-Testing	50-302/199700600
13-Procedure has hu	G-Engineering	G-Design	50-302/199701100
13-Procedure has hu	G-Engineering	F-Modification	50-302/199702300

#### Training IR

Number of items: 24  
Percent of total: 5.16

05-Individual knowl	M-Mechanical	M-Maint / Repair	50-302/1997001
02-Training LTA	T-Training	M-Maint / Repair	50-302/1997005
05-Individual knowl	G-Engineering	G-Design	50-302/1997005
02-Training LTA	T-Training	Z-Other	50-302/1997005
05-Individual knowl	O-Operations	Z-Other	50-302/1997007
02-Training LTA	T-Training	A-Administrative	50-302/1997007
04-Task Qualificati	G-Engineering	Z-Other	50-302/1997007
02-Training LTA	T-Training	A-Administrative	50-302/1997007

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Details	Department	Work Type	Docket/Report
Training IR			
Number of items: 24			
Percent of Total: 5.16			
05-Individual knowl	M-Mechanical	T-Testing	50-302/1997007
02-Training LTA	T-Training	H-Health Physics	50-302/1997007
05-Individual knowl	Z-Other	Z-Other	50-302/1997007
02-Training LTA	T-Training	D-Emergency Drill	50-302/1997008
02-Training LTA	T-Training	G-Design	50-302/1997011

05-Individual knowl	G-Engineering	G-Design	50-302/1997011
02-Training LTA	T-Training	Q-Fire Protection	50-302/1997011
02-Training LTA	T-Training	Z-Other	50-302/1997013
02-Training LTA	T-Training	G-Design	50-302/1997013
03-Training process	T-Training	Z-Other	50-302/1997014
05-Individual knowl	O-Operations	S-Surveillance	50-302/1997014
05-Individual knowl	O-Operations	S-Surveillance	50-302/1997014
02-Training LTA	T-Training	Z-Other	50-302/1997014
02-Training LTA	T-Training	M-Maint / Repair	50-302/1997014
05-Individual knowl	G-Engineering	F-Modification	50-302/1997016
02-Training LTA	T-Training	D-Emergency Drill	50-302/1997017

## Training ER

Number of items: 0  
Percent of total: 0

## Training LER

Number of items: 2  
Percent of total: .43

02-Training LTA	O-Operations	C-Calibration	50-302/199700200
02-Training LTA	I-Instrumentation &	C-Calibration	50-302/199700200

## Work Factors IR

Number of items: 215  
Percent of total: 46.24

87-Non-conservati	G-Engineering	U-Unknown	50-302/1996019
84-Non-conserv. dec	B-Plant Management	U-Unknown	50-302/1996020
87-Non-conservati	O-Operations	U-Unknown	50-302/1996020
87-Non-conservati	B-Plant Management	U-Unknown	50-302/1996020
94-Log-keeping or r	O-Operations	A-Administrative	50-302/1997001
94-Log-keeping or r	O-Operations	A-Administrative	50-302/1997001
93-Awareness or att	O-Operations	M-Maint / Repair	50-302/1997001
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-302/1997001
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-302/1997001
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-302/1997001
83-Work practice or	O-Operations	T-Testing	50-302/1997001
84-Non-conserv. dec	O-Operations	T-Testing	50-302/1997001
82-Briefing, prep.	O-Operations	T-Testing	50-302/1997001
84-Non-conserv. dec	W-Work Control / Sc	M-Maint / Repair	50-302/1997001
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-302/1997001
83-Work practice or	I-Instrumentation &	V-Troubleshooting	50-302/1997001
83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-302/1997001
85-Team interaction	I-Instrumentation &	V-Troubleshooting	50-302/1997001
81-Work Package Qua	W-Work Control / Sc	T-Testing	50-302/1997001
85-Team interaction	G-Engineering	F-Modification	50-302/1997001

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## Combined IR/ER/LER Report

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

Number of items: 215  
Percent of Total: 46.24

83-Work practice or	E-Electrical	F-Modification	50-302/1997001
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-302/1997001
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-302/1997001
83-Work practice or	G-Engineering	G-Design	50-302/1997001
83-Work practice or	G-Engineering	G-Design	50-302/1997001
92-Self check LTA	O-Operations	S-Surveillance	50-302/1997002
83-Work practice or	O-Operations	M-Maint / Repair	50-302/1997002
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-302/1997002
94-Log-keeping or r	O-Operations	B-Bal of Plant Ops	50-302/1997002
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-302/1997002
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-302/1997002
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-302/1997002
91-Verification / p	O-Operations	S-Surveillance	50-302/1997002
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-302/1997002
81-Work Package Qua	G-Engineering	G-Design	50-302/1997002
92-Self check LTA	G-Engineering	G-Design	50-302/1997002
81-Work Package Qua	G-Engineering	G-Design	50-302/1997002
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-302/1997004
93-Awareness or att	O-Operations	Z-Other	50-302/1997004
86-Work untimely	G-Engineering	A-Administrative	50-302/1997004
86-Work untimely	G-Engineering	G-Design	50-302/1997004
81-Work Package Qua	G-Engineering	A-Administrative	50-302/1997004
88-Tag outs LTA	E-Electrical	M-Maint / Repair	50-302/1997005

91-Verification / p	E-Electrical	M-Maint / Repair	50-302/1997005
88-Tag outs LTA	E-Electrical	M-Maint / Repair	50-302/1997005
91-Verification / p	E-Electrical	M-Maint / Repair	50-302/1997005
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-302/1997005
91-Verification / p	O-Operations	M-Maint / Repair	50-302/1997005
91-Verification / p	O-Operations	M-Maint / Repair	50-302/1997005
83-Work practice or	O-Operations	M-Maint / Repair	50-302/1997005
91-Verification / p	O-Operations	M-Maint / Repair	50-302/1997005
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-302/1997005
83-Work practice or	M-Mechanical	M-Maint / Repair	50-302/1997005
92-Self check LTA	O-Operations	M-Maint / Repair	50-302/1997005
83-Work practice or	O-Operations	M-Maint / Repair	50-302/1997005
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-302/1997005
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-302/1997005
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-302/1997005
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-302/1997005
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-302/1997005
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-302/1997005
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-302/1997005
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-302/1997005
83-Work practice or	M-Mechanical	B-Bal of Plant Ops	50-302/1997005
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-302/1997005
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-302/1997005
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-302/1997005
89-Housekeeping LTA	U-Unknown	M-Maint / Repair	50-302/1997005
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-302/1997005
81-Work Package Qua	Q-QA/QC	Z-Other	50-302/1997005

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Docket: 50-302 CRYSTAL RIVER 3

Total Number of Hits in Date Range: 465  
From 01/01/1997 to 12/31/1997  
2x National Average: 213

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

Number of items: 215

Percent of Total: 46.24

81-Work Package Qua	G-Engineering	F-Modification	50-302/1997005
83-Work practice or	G-Engineering	A-Administrative	50-302/1997005
93-Awareness or att	D-Emergency Plannin	D-Emergency Drill	50-302/1997005
83-Work practice or	O-Operations	O-Control Room Ops	50-302/1997007
83-Work practice or	O-Operations	O-Control Room Ops	50-302/1997007
84-Non-conserv. dec	O-Operations	A-Administrative	50-302/1997007
88-Tag outs LTA	O-Operations	O-Control Room Ops	50-302/1997007
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-302/1997007
92-Self check LTA	O-Operations	M-Maint / Repair	50-302/1997007
84-Non-conserv. dec	E-Electrical	M-Maint / Repair	50-302/1997007
83-Work practice or	O-Operations	M-Maint / Repair	50-302/1997007
83-Work practice or	O-Operations	M-Maint / Repair	50-302/1997007
83-Work practice or	E-Electrical	M-Maint / Repair	50-302/1997007
86-Work untimely	O-Operations	B-Bal of Plant Ops	50-302/1997007
86-Work untimely	O-Operations	A-Administrative	50-302/1997007
92-Self check LTA	O-Operations	M-Maint / Repair	50-302/1997007
91-Verification / p	O-Operations	M-Maint / Repair	50-302/1997007
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-302/1997007
83-Work practice or	O-Operations	A-Administrative	50-302/1997007
91-Verification / p	O-Operations	K-Housekeeping	50-302/1997007
86-Work untimely	G-Engineering	Z-Other	50-302/1997007
81-Work Package Qua	G-Engineering	G-Design	50-302/1997007
81-Work Package Qua	G-Engineering	G-Design	50-302/1997007
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-302/1997007
81-Work Package Qua	G-Engineering	T-Testing	50-302/1997007
81-Work Package Qua	G-Engineering	T-Testing	50-302/1997007
81-Work Package Qua	G-Engineering	G-Design	50-302/1997007
83-Work practice or	H-Health Physics	H-Health Physics	50-302/1997007
88-Tag outs LTA	O-Operations	U-Unknown	50-302/1997008
83-Work practice or	G-Engineering	Z-Other	50-302/1997008
86-Work untimely	O-Operations	A-Administrative	50-302/1997008
83-Work practice or	G-Engineering	A-Administrative	50-302/1997008
91-Verification / p	G-Engineering	A-Administrative	50-302/1997008
83-Work practice or	W-Work Control / Sc	C-Calibration	50-302/1997008
84-Non-conserv. dec	O-Operations	C-Calibration	50-302/1997008
83-Work practice or	G-Engineering	P-Procedure Dev	50-302/1997008
93-Awareness or att	O-Operations	T-Testing	50-302/1997008
83-Work practice or	G-Engineering	G-Design	50-302/1997009
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-302/1997011
83-Work practice or	O-Operations	O-Control Room Ops	50-302/1997011
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-302/1997011

84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-302/1997011
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-302/1997011
88-Tag outs LTA	U-Unknown	M-Maint / Repair	50-302/1997011
83-Work practice or	G-Engineering	Z-Other	50-302/1997011
83-Work practice or	G-Engineering	F-Modification	50-302/1997011
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-302/1997011
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-302/1997011
91-Verification / p	M-Mechanical	M-Maint / Repair	50-302/1997011
91-Verification / p	M-Mechanical	M-Maint / Repair	50-302/1997011

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Docket: 50-302 CRYSTAL RIVER 3

Total Number of Hits in Date Range: 465

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2x National Average: 213

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

Number of items: 215

Percent of Total: 46.24

82-Briefing, prep.	M-Mechanical	M-Maint / Repair	50-302/1997011
84-Non-conserv. dec	W-Work Control / Sc	M-Maint / Repair	50-302/1997011
82-Briefing, prep.	M-Mechanical	M-Maint / Repair	50-302/1997011
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-302/1997011
81-Work Package Qua	G-Engineering	F-Modification	50-302/1997011
84-Non-conserv. dec	G-Engineering	A-Administrative	50-302/1997011
83-Work practice or	G-Engineering	F-Modification	50-302/1997011
86-Work untimely	G-Engineering	M-Maint / Repair	50-302/1997011
81-Work Package Qua	G-Engineering	G-Design	50-302/1997011
83-Work practice or	G-Engineering	G-Design	50-302/1997011
83-Work practice or	G-Engineering	Q-Fire Protection	50-302/1997011
89-Housekeeping LTA	U-Unknown	Q-Fire Protection	50-302/1997011
86-Work untimely	O-Operations	Q-Fire Protection	50-302/1997011
83-Work practice or	G-Engineering	A-Administrative	50-302/1997011
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-302/1997013
92-Self check LTA	O-Operations	B-Bal of Plant Ops	50-302/1997013
85-Team interaction	O-Operations	O-Control Room Ops	50-302/1997013
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-302/1997013
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-302/1997013
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-302/1997013
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-302/1997013
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-302/1997013
83-Work practice or	Z-Other	M-Maint / Repair	50-302/1997013
81-Work Package Qua	G-Engineering	G-Design	50-302/1997013
83-Work practice or	E-Electrical	M-Maint / Repair	50-302/1997013
86-Work untimely	G-Engineering	G-Design	50-302/1997013
83-Work practice or	U-Unknown	H-Health Physics	50-302/1997013
83-Work practice or	M-Mechanical	H-Health Physics	50-302/1997013
83-Work practice or	M-Mechanical	H-Health Physics	50-302/1997013
83-Work practice or	H-Health Physics	H-Health Physics	50-302/1997013
93-Awareness or att	I-Instrumentation &	H-Health Physics	50-302/1997013
93-Awareness or att	D-Emergency Plannin	D-Emergency Drill	50-302/1997013
82-Briefing, prep.	D-Emergency Plannin	D-Emergency Drill	50-302/1997013
93-Awareness or att	O-Operations	A-Administrative	50-302/1997014
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-302/1997014
83-Work practice or	P-Procedure Writers	P-Procedure Dev	50-302/1997014
93-Awareness or att	T-Training	Z-Other	50-302/1997014
81-Work Package Qua	T-Training	Z-Other	50-302/1997014
83-Work practice or	G-Engineering	S-Surveillance	50-302/1997014
83-Work practice or	Q-QA/QC	A-Administrative	50-302/1997014
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-302/1997014
84-Non-conserv. dec	E-Electrical	M-Maint / Repair	50-302/1997014
89-Housekeeping LTA	M-Mechanical	M-Maint / Repair	50-302/1997014
83-Work practice or	G-Engineering	T-Testing	50-302/1997014
83-Work practice or	I-Instrumentation &	C-Calibration	50-302/1997014
83-Work practice or	I-Instrumentation &	C-Calibration	50-302/1997014
83-Work practice or	E-Electrical	K-Housekeeping	50-302/1997014
83-Work practice or	A-Administrative Su	A-Administrative	50-302/1997014
83-Work practice or	A-Administrative Su	A-Administrative	50-302/1997014
83-Work practice or	G-Engineering	G-Design	50-302/1997014

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Combined IR/ER/LER Report  
Docket: 50-302 CRYSTAL RIVER 3

Total Number of Hits in Date Range: 465

From 01/01/1997 to 12/31/1997

2x National Average: 213

Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 215			
Percent of Total: 46.24			
83-Work practice or	G-Engineering	A-Administrative	50-302/1997014
81-Work Package Qua	G-Engineering	F-Modification	50-302/1997014
93-Awareness or att	O-Operations	S-Surveillance	50-302/1997014
93-Awareness or att	O-Operations	S-Surveillance	50-302/1997014
93-Awareness or att	O-Operations	S-Surveillance	50-302/1997014
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-302/1997016
83-Work practice or	O-Operations	O-Control Room Ops	50-302/1997016
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-302/1997016
83-Work practice or	A-Administrative Su	A-Administrative	50-302/1997016
93-Awareness or att	O-Operations	O-Control Room Ops	50-302/1997016
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-302/1997016
91-Verification / p	O-Operations	M-Maint / Repair	50-302/1997016
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-302/1997016
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-302/1997016
93-Awareness or att	W-Work Control / Sc	A-Administrative	50-302/1997016
91-Verification / p	G-Engineering	G-Design	50-302/1997016
84-Non-conserv. dec	Z-Other	Z-Other	50-302/1997016
87-Non-conservati	Z-Other	Z-Other	50-302/1997016
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-302/1997017
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-302/1997017
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-302/1997017
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-302/1997017
93-Awareness or att	O-Operations	O-Control Room Ops	50-302/1997017
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-302/1997017
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-302/1997017
93-Awareness or att	O-Operations	T-Testing	50-302/1997017
83-Work practice or	B-Plant Management	A-Administrative	50-302/1997017
83-Work practice or	G-Engineering	A-Administrative	50-302/1997017
83-Work practice or	O-Operations	A-Administrative	50-302/1997017
83-Work practice or	O-Operations	A-Administrative	50-302/1997017
93-Awareness or att	I-Instrumentation &	C-Calibration	50-302/1997017
92-Self check LTA	I-Instrumentation &	C-Calibration	50-302/1997017
84-Non-conserv. dec	I-Instrumentation &	C-Calibration	50-302/1997017
83-Work practice or	O-Operations	F-Modification	50-302/1997017
83-Work practice or	M-Mechanical	F-Modification	50-302/1997017
91-Verification / p	G-Engineering	P-Procedure Dev	50-302/1997017
93-Awareness or att	G-Engineering	P-Procedure Dev	50-302/1997017
81-Work Package Qua	G-Engineering	G-Design	50-302/1997017
94-Log-keeping or r	O-Operations	T-Testing	50-302/1997017
94-Log-keeping or r	O-Operations	T-Testing	50-302/1997017
83-Work practice or	G-Engineering	M-Maint / Repair	50-302/1997017
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-302/1997017
81-Work Package Qua	G-Engineering	G-Design	50-302/1997017
83-Work practice or	G-Engineering	G-Design	50-302/1997017
93-Awareness or att	G-Engineering	G-Design	50-302/1997017

Work Factors ER  
Number of items: 6  
Percent of total: 1.29  
81-Work Package Qua T-Training Z-Other 50-302/1997300  
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Combined IR/ER/LER Report  
Docket: 50-302 CRYSTAL RIVER 3

Total Number of Hits in Date Range: 465  
From 01/01/1997 to 12/31/1997  
2x National Average: 213

Details	Department	Work Type	Docket/Report
Work Factors ER			
Number of items: 6			
Percent of Total: 1.29			
81-Work Package Qua	T-Training	Z-Other	50-302/1997300
93-Awareness or att	O-Operations	Z-Other	50-302/1997300
83-Work practice or	O-Operations	Z-Other	50-302/1997300
93-Awareness or att	O-Operations	Z-Other	50-302/1997300
93-Awareness or att	O-Operations	Z-Other	50-302/1997300

Work Factors LER  
Number of items: 3  
Percent of total: .65  
87-Non-conservati G-Engineering F-Modification 50-302/199700400  
87-Non-conservati G-Engineering G-Design 50-302/199701000  
87-Non-conservati M-Mechanical M-Maint / Repair 50-302/199703000

**[End of File for Plant Docket 302 (1997)]**

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