

1997 Human Factors Information System Report for Plant Docket 219

Combined IR/ER/LER Report
Docket: 50-219 OYSTER CREEK

Total Number of Hits in Date Range: 194
From 01/01/1997 to 12/31/1997
2x National Average: 266

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 8			
Percent of total: 4.12			
55-Communication Eq	D-Emergency Plannin	D-Emergency Drill	50-219/1997002
	D-Emergency Plannin		
53-Communication LT	O-Operations	O-Control Room Ops	50-219/1997003
	O-Operations		
51-Misunderstood /	G-Engineering	O-Control Room Ops	50-219/1997003
	G-Engineering		
53-Communication LT	O-Operations	O-Control Room Ops	50-219/1997003
	O-Operations		
53-Communication LT	G-Engineering	T-Testing	50-219/1997003
	G-Engineering		
52-Communication un	O-Operations	A-Administrative	50-219/1997005
	O-Operations		
54-No communication	E-Electrical	S-Surveillance	50-219/1997006
	E-Electrical		
53-Communication LT	H-Health Physics	H-Health Physics	50-219/1997007
	H-Health Physics		

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

Communications LER
Number of items: 4
Percent of total: 2.06

53-Communication LT	O-Operations	M-Maint / Repair	50-219/199700300
53-Communication LT	O-Operations	M-Maint / Repair	50-219/199700300
53-Communication LT	O-Operations	T-Testing	50-219/199700700
53-Communication LT	E-Electrical	M-Maint / Repair	50-219/199701500

Human-System Interface and Environm IR
Number of items: 1
Percent of total: .52

75-Work area LTA	I-Instrumentation &	M-Maint / Repair	50-219/1997009
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Human-System Interface and Environm ER
Number of items: 0
Percent of total: 0

Human-System Interface and Environm LER
Number of items: 1
Percent of total: .52

62-Information orga	E-Electrical	M-Maint / Repair	50-219/199701500
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Management and Supervision IR
Number of items: 33
Percent of total: 17.01

41-Action not begun	G-Engineering	U-Unknown	50-219/1996012
33-Management expec	G-Engineering	G-Design	50-219/1997001

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Management and Supervision IR			
Number of items: 33			
Percent of Total: 17.01			
44-Corrective Actio	O-Operations	M-Maint / Repair	50-219/1997002
32-Supervision / co	I-Instrumentation &	C-Calibration	50-219/1997002

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40-Individual Corre	O-Operations	O-Control Room Ops	50-219/1997003
40-Individual Corre	G-Engineering	Z-Other	50-219/1997003
41-Action not begun	G-Engineering	Z-Other	50-219/1997003
32-Supervision / co	O-Operations	O-Control Room Ops	50-219/1997003
47-Root Cause LTA	B-Plant Management	Z-Other	50-219/1997003
32-Supervision / co	O-Operations	O-Control Room Ops	50-219/1997003
40-Individual Corre	O-Operations	M-Maint / Repair	50-219/1997003
32-Supervision / co	O-Operations	T-Testing	50-219/1997004
33-Management expec	O-Operations	H-Health Physics	50-219/1997004
43-Operating Experi	G-Engineering	G-Design	50-219/1997005
40-Individual Corre	O-Operations	Z-Other	50-219/1997006
32-Supervision / co	E-Electrical	V-Troubleshooting	50-219/1997006
40-Individual Corre	O-Operations	V-Troubleshooting	50-219/1997006
40-Individual Corre	O-Operations	S-Surveillance	50-219/1997006
40-Individual Corre	I-Instrumentation &	Z-Other	50-219/1997006
32-Supervision / co	I-Instrumentation &	C-Calibration	50-219/1997006
47-Root Cause LTA	G-Engineering	Z-Other	50-219/1997006
41-Action not begun	G-Engineering	G-Design	50-219/1997006
41-Action not begun	G-Engineering	G-Design	50-219/1997006
41-Action not begun	G-Engineering	G-Design	50-219/1997006
41-Action not begun	G-Engineering	G-Design	50-219/1997006
41-Action not begun	M-Mechanical	M-Maint / Repair	50-219/1997007
40-Individual Corre	O-Operations	Z-Other	50-219/1997009
41-Action not begun	O-Operations	Z-Other	50-219/1997009
40-Individual Corre	O-Operations	Z-Other	50-219/1997009
47-Root Cause LTA	O-Operations	Z-Other	50-219/1997009
47-Root Cause LTA	G-Engineering	Z-Other	50-219/1997009
33-Management expec	B-Plant Management	G-Design	50-219/1997080
41-Action not begun	B-Plant Management	Z-Other	50-219/1997080

Management and Supervision ER

Number of items: 0
Percent of total: 0

Management and Supervision LER

Number of items: 0
Percent of total: 0

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

Procedures and Reference Document IR

Number of items: 14
Percent of total: 7.22

13-Procedure has hu G-Engineering U-Unknown 50-219/1996012
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Procedures and Reference Document IR

Number of items: 14
Percent of Total: 7.22

12-Procedure techni	G-Engineering	F-Modification	50-219/1997002
12-Procedure techni	G-Engineering	G-Design	50-219/1997003
12-Procedure techni	G-Engineering	G-Design	50-219/1997003
12-Procedure techni	G-Engineering	G-Design	50-219/1997004
12-Procedure techni	G-Engineering	G-Design	50-219/1997006
12-Procedure techni	G-Engineering	G-Design	50-219/1997006
12-Procedure techni	G-Engineering	G-Design	50-219/1997006
12-Procedure techni	G-Engineering	G-Design	50-219/1997006
12-Procedure techni	G-Engineering	G-Design	50-219/1997006
12-Procedure techni	G-Engineering	G-Design	50-219/1997006
12-Procedure techni	G-Engineering	G-Design	50-219/1997007
11-No procedure / r	G-Engineering	G-Design	50-219/1997009
12-Procedure techni	G-Engineering	G-Design	50-219/1997009
12-Procedure techni	G-Engineering	G-Design	50-219/1997080

Procedures and Reference Document ER

Number of items: 0

Percent of total: 0

Procedures and Reference Document LER

Number of items: 3

Percent of total: 1.55

13-Procedure has hu	O-Operations	M-Maint / Repair	50-219/199700300
13-Procedure has hu	O-Operations	M-Maint / Repair	50-219/199700300
13-Procedure has hu	C-Chemistry	T-Testing	50-219/199700500

Training IR

Number of items: 13

Percent of total: 6.7

05-Individual knowl	G-Engineering	M-Maint / Repair	50-219/1997002
03-Training process	T-Training	Z-Other	50-219/1997004
03-Training process	T-Training	Z-Other	50-219/1997004
06-Simulator fideli	T-Training	Z-Other	50-219/1997004
05-Individual knowl	O-Operations	O-Control Room Ops	50-219/1997006
05-Individual knowl	O-Operations	O-Control Room Ops	50-219/1997006
05-Individual knowl	G-Engineering	O-Control Room Ops	50-219/1997006
05-Individual knowl	G-Engineering	M-Maint / Repair	50-219/1997007
05-Individual knowl	I-Instrumentation &	S-Surveillance	50-219/1997009
05-Individual knowl	E-Electrical	S-Surveillance	50-219/1997009
05-Individual knowl	M-Mechanical	S-Surveillance	50-219/1997009
05-Individual knowl	D-Emergency Plannin	D-Emergency Drill	50-219/1997009
02-Training LTA	G-Engineering	G-Design	50-219/1997080

Training ER

Number of items: 0

Percent of total: 0

Training LER

Number of items: 3

Percent of total: 1.55

02-Training LTA	O-Operations	M-Maint / Repair	50-219/199700300
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Training LER

Number of items: 3

Percent of Total: 1.55

02-Training LTA	O-Operations	M-Maint / Repair	50-219/199700300
02-Training LTA	E-Electrical	M-Maint / Repair	50-219/199701500

Work Factors IR

Number of items: 109

Percent of total: 56.19

84-Non-conserv. dec	O-Operations	U-Unknown	50-219/1996011
81-Work Package Qua	M-Mechanical	U-Unknown	50-219/1996011
91-Verification / p	M-Mechanical	U-Unknown	50-219/1996011
92-Self check LTA	O-Operations	M-Maint / Repair	50-219/1997001
91-Verification / p	O-Operations	M-Maint / Repair	50-219/1997001
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-219/1997001
86-Work untimely	O-Operations	M-Maint / Repair	50-219/1997001
84-Non-conserv. dec	O-Operations	F-Modification	50-219/1997001
81-Work Package Qua	G-Engineering	F-Modification	50-219/1997001
81-Work Package Qua	G-Engineering	M-Maint / Repair	50-219/1997002
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-219/1997002
91-Verification / p	O-Operations	M-Maint / Repair	50-219/1997002
83-Work practice or	I-Instrumentation &	C-Calibration	50-219/1997002
84-Non-conserv. dec	I-Instrumentation &	C-Calibration	50-219/1997002
91-Verification / p	I-Instrumentation &	C-Calibration	50-219/1997002
92-Self check LTA	I-Instrumentation &	C-Calibration	50-219/1997002
87-Non-conservative	G-Engineering	M-Maint / Repair	50-219/1997002
83-Work practice or	O-Operations	O-Control Room Ops	50-219/1997003
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-219/1997003
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-219/1997003
81-Work Package Qua	G-Engineering	G-Design	50-219/1997003
84-Non-conserv. dec	B-Plant Management	Z-Other	50-219/1997003
83-Work practice or	O-Operations	O-Control Room Ops	50-219/1997003
93-Awareness or att	O-Operations	O-Control Room Ops	50-219/1997003
93-Awareness or att	O-Operations	O-Control Room Ops	50-219/1997003
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-219/1997003

84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-219/1997003
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-219/1997003
93-Awareness or att	I-Instrumentation &	M-Maint / Repair	50-219/1997003
92-Self check LTA	I-Instrumentation &	M-Maint / Repair	50-219/1997003
82-Briefing, prep.	I-Instrumentation &	M-Maint / Repair	50-219/1997003
85-Team interaction	O-Operations	M-Maint / Repair	50-219/1997003
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-219/1997003
93-Awareness or att	O-Operations	T-Testing	50-219/1997003
86-Work untimely	G-Engineering	T-Testing	50-219/1997003
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-219/1997004
93-Awareness or att	O-Operations	M-Maint / Repair	50-219/1997004
93-Awareness or att	O-Operations	M-Maint / Repair	50-219/1997004
92-Self check LTA	O-Operations	T-Testing	50-219/1997004
93-Awareness or att	O-Operations	T-Testing	50-219/1997004
92-Self check LTA	O-Operations	S-Surveillance	50-219/1997004
92-Self check LTA	O-Operations	S-Surveillance	50-219/1997004
92-Self check LTA	O-Operations	S-Surveillance	50-219/1997004
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-219/1997004

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Work Factors IR			
Number of items: 109			
Percent of Total: 56.19			
83-Work practice or	Q-QA/QC	B-Bal of Plant Ops	50-219/1997004
89-Housekeeping LTA	O-Operations	H-Health Physics	50-219/1997004
86-Work untimely	D-Emergency Plannin	T-Testing	50-219/1997004
81-Work Package Qua	G-Engineering	G-Design	50-219/1997005
81-Work Package Qua	G-Engineering	G-Design	50-219/1997005
83-Work practice or	G-Engineering	A-Administrative	50-219/1997005
86-Work untimely	G-Engineering	P-Procedure Dev	50-219/1997005
83-Work practice or	G-Engineering	A-Administrative	50-219/1997005
83-Work practice or	G-Engineering	A-Administrative	50-219/1997006
81-Work Package Qua	G-Engineering	F-Modification	50-219/1997006
81-Work Package Qua	G-Engineering	G-Design	50-219/1997006
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-219/1997006
83-Work practice or	O-Operations	A-Administrative	50-219/1997006
94-Log-keeping or r	O-Operations	A-Administrative	50-219/1997006
93-Awareness or att	O-Operations	O-Control Room Ops	50-219/1997006
83-Work practice or	G-Engineering	O-Control Room Ops	50-219/1997006
83-Work practice or	E-Electrical	V-Troubleshooting	50-219/1997006
84-Non-conserv. dec	O-Operations	V-Troubleshooting	50-219/1997006
83-Work practice or	E-Electrical	S-Surveillance	50-219/1997006
84-Non-conserv. dec	O-Operations	S-Surveillance	50-219/1997006
93-Awareness or att	I-Instrumentation &	C-Calibration	50-219/1997006
83-Work practice or	G-Engineering	A-Administrative	50-219/1997006
93-Awareness or att	Q-QA/QC	A-Administrative	50-219/1997006
81-Work Package Qua	G-Engineering	G-Design	50-219/1997006
83-Work practice or	I-Instrumentation &	C-Calibration	50-219/1997006
83-Work practice or	U-Unknown	Q-Fire Protection	50-219/1997006
83-Work practice or	U-Unknown	Q-Fire Protection	50-219/1997006
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-219/1997007
86-Work untimely	G-Engineering	P-Procedure Dev	50-219/1997007
84-Non-conserv. dec	F-Fuel Handling	R-Refueling	50-219/1997007
84-Non-conserv. dec	G-Engineering	R-Refueling	50-219/1997007
93-Awareness or att	O-Operations	M-Maint / Repair	50-219/1997007
83-Work practice or	G-Engineering	M-Maint / Repair	50-219/1997007
83-Work practice or	G-Engineering	M-Maint / Repair	50-219/1997007
83-Work practice or	E-Electrical	V-Troubleshooting	50-219/1997007
83-Work practice or	E-Electrical	V-Troubleshooting	50-219/1997007
83-Work practice or	E-Electrical	A-Administrative	50-219/1997007
83-Work practice or	G-Engineering	G-Design	50-219/1997007
84-Non-conserv. dec	Z-Other	H-Health Physics	50-219/1997007
84-Non-conserv. dec	H-Health Physics	H-Health Physics	50-219/1997007
84-Non-conserv. dec	Z-Other	Z-Other	50-219/1997007
91-Verification / p	O-Operations	Q-Fire Protection	50-219/1997007
91-Verification / p	O-Operations	Q-Fire Protection	50-219/1997007
83-Work practice or	O-Operations	V-Troubleshooting	50-219/1997009
83-Work practice or	O-Operations	O-Control Room Ops	50-219/1997009
93-Awareness or att	O-Operations	O-Control Room Ops	50-219/1997009
93-Awareness or att	O-Operations	O-Control Room Ops	50-219/1997009
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-219/1997009
83-Work practice or	O-Operations	T-Testing	50-219/1997009
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-219/1997009

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Work Factors IR			
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93-Awareness or att	O-Operations	S-Surveillance	50-219/1997009
93-Awareness or att	O-Operations	S-Surveillance	50-219/1997009
83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-219/1997009
83-Work practice or	I-Instrumentation &	S-Surveillance	50-219/1997009
83-Work practice or	E-Electrical	S-Surveillance	50-219/1997009
83-Work practice or	M-Mechanical	S-Surveillance	50-219/1997009
83-Work practice or	G-Engineering	P-Procedure Dev	50-219/1997009
83-Work practice or	G-Engineering	G-Design	50-219/1997009
83-Work practice or	M-Mechanical	H-Health Physics	50-219/1997009
86-Work untimely	Q-QA/QC	Z-Other	50-219/1997009
86-Work untimely	G-Engineering	G-Design	50-219/1997080
83-Work practice or	U-Unknown	K-Housekeeping	50-219/1997080
81-Work Package Qua	G-Engineering	G-Design	50-219/1997080
81-Work Package Qua	G-Engineering	G-Design	50-219/1997080
81-Work Package Qua	G-Engineering	G-Design	50-219/1997080

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

Work Factors LER			
Number of items: 5			
Percent of total: 2.58			
87-Non-conservative	I-Instrumentation &	C-Calibration	50-219/199700200
87-Non-conservative	G-Engineering	O-Control Room Ops	50-219/199700400
87-Non-conservative	O-Operations	T-Testing	50-219/199700700
87-Non-conservative	I-Instrumentation &	C-Calibration	50-219/199700900
87-Non-conservative	E-Electrical	M-Maint / Repair	50-219/199701500

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