

1997 Human Factors Information System Report for Plant Docket 354

Combined IR/ER/LER Report
Docket: 50-354 HOPE CREEK 1

Total Number of Hits in Date Range: 200
From 01/01/1997 to 12/31/1997
2x National Average: 213

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 7			
Percent of total: 3.5			
53-Communication LT	C-Chemistry	U-Unknown	50-354/1996011
53-Communication LT	B-Plant Management	U-Unknown	50-354/1996011
55-Communication Eq	O-Operations	O-Control Room Ops	50-354/1997002
O-Operations			
52-Communication un	C-Chemistry	B-Bal of Plant Ops	50-354/1997004
C-Chemistry			
54-No communication	C-Chemistry	B-Bal of Plant Ops	50-354/1997004
C-Chemistry			
53-Communication LT	O-Operations	O-Control Room Ops	50-354/1997007
O-Operations			
54-No communication	C-Chemistry	B-Bal of Plant Ops	50-354/1997007
C-Chemistry			

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: 1
Percent of total: .5
76-Postings LTA H-Health Physics H-Health Physics 50-354/1997007

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: 26
Percent of total: 13.
41-Action not begun G-Engineering G-Design 50-354/1997001
42-No action planne I-Instrumentation & C-Calibration 50-354/1997001
41-Action not begun O-Operations S-Surveillance 50-354/1997001
40-Individual Corre G-Engineering G-Design 50-354/1997001
33-Management expec B-Plant Management M-Maint / Repair 50-354/1997001
44-Corrective Actio G-Engineering M-Maint / Repair 50-354/1997001
32-Supervision / co O-Operations O-Control Room Ops 50-354/1997002
40-Individual Corre Z-Other A-Administrative 50-354/1997002
40-Individual Corre G-Engineering M-Maint / Repair 50-354/1997002
41-Action not begun G-Engineering G-Design 50-354/1997002
32-Supervision / co O-Operations O-Control Room Ops 50-354/1997003

Page: 1 Date:08/05/1998

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Management and Supervision IR			
Number of items: 26			
Percent of Total: 13.			
40-Individual Corre	M-Mechanical	T-Testing	50-354/1997003

44-Corrective Actio	B-Plant Management	M-Maint / Repair	50-354/1997003
40-Individual Corre	F-Fuel Handling	R-Refueling	50-354/1997004
47-Root Cause LTA	O-Operations	A-Administrative	50-354/1997004
32-Supervision / co	G-Engineering	V-Troubleshooting	50-354/1997004
41-Action not begun	G-Engineering	F-Modification	50-354/1997004
36-Scheduling and p	W-Work Control / Sc	Q-Fire Protection	50-354/1997004
47-Root Cause LTA	G-Engineering	M-Maint / Repair	50-354/1997005
36-Scheduling and p	W-Work Control / Sc	S-Surveillance	50-354/1997005
40-Individual Corre	G-Engineering	Z-Other	50-354/1997006
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-354/1997007
41-Action not begun	I-Instrumentation &	M-Maint / Repair	50-354/1997007
41-Action not begun	M-Mechanical	A-Administrative	50-354/1997007
40-Individual Corre	G-Engineering	Z-Other	50-354/1997007
40-Individual Corre	G-Engineering	Z-Other	50-354/1997007

Management and Supervision ER

Number of items: 0

Percent of total: 0

Management and Supervision LER

Number of items: 4

Percent of total: 2.

32-Supervision / co	A-Administrative Su	T-Testing	50-354/199701700
32-Supervision / co	M-Mechanical	T-Testing	50-354/199702300
32-Supervision / co	O-Operations	T-Testing	50-354/199702800
32-Supervision / co	I-Instrumentation &	T-Testing	50-354/199702800

Organizational Issues IR

Number of items: 2

Percent of total: 1.

26-OT controls / sc	O-Operations	O-Control Room Ops	50-354/1997002
21-Staffing LTA	O-Operations	O-Control Room Ops	50-354/1997002

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: 24

Percent of total: 12.

14-Document develop	M-Mechanical	U-Unknown	50-354/1996010
12-Procedure techni	M-Mechanical	U-Unknown	50-354/1996010
12-Procedure techni	G-Engineering	U-Unknown	50-354/1996011
14-Document develop	C-Chemistry	U-Unknown	50-354/1996011
14-Document develop	B-Plant Management	U-Unknown	50-354/1996011

Page: 2 Date:08/05/1998

Combined IR/ER/LER Report

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Procedures and Reference Document IR

Number of items: 24

Percent of Total: 12.

14-Document develop	B-Plant Management	U-Unknown	50-354/1996011
13-Procedure has hu	O-Operations	O-Control Room Ops	50-354/1997001
12-Procedure techni	G-Engineering	G-Design	50-354/1997003
13-Procedure has hu	G-Engineering	G-Design	50-354/1997004
12-Procedure techni	G-Engineering	G-Design	50-354/1997004
12-Procedure techni	G-Engineering	G-Design	50-354/1997005
12-Procedure techni	G-Engineering	G-Design	50-354/1997005
13-Procedure has hu	G-Engineering	G-Design	50-354/1997005
12-Procedure techni	G-Engineering	G-Design	50-354/1997005
11-No procedure / r	G-Engineering	G-Design	50-354/1997005
12-Procedure techni	G-Engineering	G-Design	50-354/1997005
11-No procedure / r	G-Engineering	G-Design	50-354/1997005
12-Procedure techni	G-Engineering	G-Design	50-354/1997006
12-Procedure techni	G-Engineering	G-Design	50-354/1997007
12-Procedure techni	G-Engineering	G-Design	50-354/1997009
11-No procedure / r	G-Engineering	G-Design	50-354/1997081
11-No procedure / r	G-Engineering	G-Design	50-354/1997081
12-Procedure techni	G-Engineering	G-Design	50-354/1997081
12-Procedure techni	G-Engineering	G-Design	50-354/1997081

Procedures and Reference Document ER

Number of items: 0
Percent of total: 0

Procedures and Reference Document LER

Number of items: 11
Percent of total: 5.5

13-Procedure has hu	M-Mechanical	T-Testing	50-354/199701100
13-Procedure has hu	E-Electrical	M-Maint / Repair	50-354/199701300
13-Procedure has hu	U-Unknown	M-Maint / Repair	50-354/199701300
13-Procedure has hu	A-Administrative Su	M-Maint / Repair	50-354/199701700
13-Procedure has hu	A-Administrative Su	T-Testing	50-354/199701700
13-Procedure has hu	I-Instrumentation &	T-Testing	50-354/199702600
13-Procedure has hu	M-Mechanical	F-Modification	50-354/199703200
13-Procedure has hu	M-Mechanical	M-Maint / Repair	50-354/199703200
13-Procedure has hu	G-Engineering	F-Modification	50-354/199703200
13-Procedure has hu	G-Engineering	M-Maint / Repair	50-354/199703200
13-Procedure has hu	O-Operations	T-Testing	50-354/199703300

Training IR

Number of items: 8
Percent of total: 4.

05-Individual knowl	O-Operations	S-Surveillance	50-354/1997002
04-Task Qualificati	O-Operations	O-Control Room Ops	50-354/1997003
02-Training LTA	T-Training	O-Control Room Ops	50-354/1997004
05-Individual knowl	G-Engineering	A-Administrative	50-354/1997005
05-Individual knowl	O-Operations	O-Control Room Ops	50-354/1997007
02-Training LTA	T-Training	H-Health Physics	50-354/1997007
05-Individual knowl	O-Operations	O-Control Room Ops	50-354/1997081
01-No Training	T-Training	O-Control Room Ops	50-354/1997081

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: 97
Percent of total: 48.5

Page: 3 Date:08/05/1998

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Work Factors IR

Number of items: 97
Percent of Total: 48.5

81-Work Package Qua	E-Electrical	U-Unknown	50-354/1996010
84-Non-conserv. dec	O-Operations	U-Unknown	50-354/1996010
84-Non-conserv. dec	C-Chemistry	U-Unknown	50-354/1996010
88-Tag outs LTA	M-Mechanical	U-Unknown	50-354/1996010
92-Self check LTA	O-Operations	U-Unknown	50-354/1996010
83-Work practice or	M-Mechanical	U-Unknown	50-354/1996011
92-Self check LTA	O-Operations	U-Unknown	50-354/1996011
83-Work practice or	I-Instrumentation &	V-Troubleshooting	50-354/1997001
81-Work Package Qua	G-Engineering	F-Modification	50-354/1997001
91-Verification / p	O-Operations	O-Control Room Ops	50-354/1997002
83-Work practice or	O-Operations	S-Surveillance	50-354/1997002
93-Awareness or att	O-Operations	S-Surveillance	50-354/1997002
91-Verification / p	O-Operations	S-Surveillance	50-354/1997002
83-Work practice or	Z-Other	A-Administrative	50-354/1997002
81-Work Package Qua	G-Engineering	G-Design	50-354/1997002
93-Awareness or att	O-Operations	O-Control Room Ops	50-354/1997003
83-Work practice or	O-Operations	O-Control Room Ops	50-354/1997003
83-Work practice or	O-Operations	S-Surveillance	50-354/1997003
93-Awareness or att	O-Operations	S-Surveillance	50-354/1997003
83-Work practice or	M-Mechanical	T-Testing	50-354/1997003
83-Work practice or	I-Instrumentation &	C-Calibration	50-354/1997003
91-Verification / p	I-Instrumentation &	C-Calibration	50-354/1997003
86-Work untimely	G-Engineering	F-Modification	50-354/1997003
93-Awareness or att	O-Operations	O-Control Room Ops	50-354/1997004
83-Work practice or	O-Operations	O-Control Room Ops	50-354/1997004

Human Factors Information System Report

92-Self check LTA	C-Chemistry	B-Bal of Plant Ops	50-354/1997004
93-Awareness or att	C-Chemistry	B-Bal of Plant Ops	50-354/1997004
92-Self check LTA	G-Engineering	O-Control Room Ops	50-354/1997004
83-Work practice or	F-Fuel Handling	R-Refueling	50-354/1997004
93-Awareness or att	E-Electrical	M-Maint / Repair	50-354/1997004
83-Work practice or	E-Electrical	M-Maint / Repair	50-354/1997004
93-Awareness or att	E-Electrical	M-Maint / Repair	50-354/1997004
83-Work practice or	M-Mechanical	M-Maint / Repair	50-354/1997004
83-Work practice or	Q-QA/QC	Z-Other	50-354/1997004
83-Work practice or	Q-QA/QC	Z-Other	50-354/1997004
88-Tag outs LTA	O-Operations	Q-Fire Protection	50-354/1997004
83-Work practice or	F-Fuel Handling	Q-Fire Protection	50-354/1997004
83-Work practice or	I-Instrumentation &	A-Administrative	50-354/1997005
93-Awareness or att	I-Instrumentation &	A-Administrative	50-354/1997005
93-Awareness or att	I-Instrumentation &	A-Administrative	50-354/1997005
84-Non-conserv. dec	G-Engineering	G-Design	50-354/1997005
83-Work practice or	G-Engineering	G-Design	50-354/1997006
92-Self check LTA	O-Operations	O-Control Room Ops	50-354/1997007
83-Work practice or	O-Operations	O-Control Room Ops	50-354/1997007
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-354/1997007
93-Awareness or att	O-Operations	O-Control Room Ops	50-354/1997007
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-354/1997007
91-Verification / p	O-Operations	Q-Fire Protection	50-354/1997007
89-Housekeeping LTA	U-Unknown	M-Maint / Repair	50-354/1997007
83-Work practice or	O-Operations	Q-Fire Protection	50-354/1997007

Page: 4 Date:08/05/1998

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Work Factors IR			
Number of items: 97			
Percent of Total: 48.5			
83-Work practice or	I-Instrumentation &	C-Calibration	50-354/1997007
83-Work practice or	I-Instrumentation &	C-Calibration	50-354/1997007
83-Work practice or	M-Mechanical	M-Maint / Repair	50-354/1997007
83-Work practice or	M-Mechanical	M-Maint / Repair	50-354/1997007
83-Work practice or	M-Mechanical	M-Maint / Repair	50-354/1997007
81-Work Package Qua	G-Engineering	G-Design	50-354/1997007
91-Verification / p	G-Engineering	G-Design	50-354/1997007
85-Team interaction	M-Mechanical	M-Maint / Repair	50-354/1997007
85-Team interaction	G-Engineering	M-Maint / Repair	50-354/1997007
83-Work practice or	M-Mechanical	M-Maint / Repair	50-354/1997007
83-Work practice or	G-Engineering	M-Maint / Repair	50-354/1997007
81-Work Package Qua	G-Engineering	F-Modification	50-354/1997007
83-Work practice or	G-Engineering	G-Design	50-354/1997007
83-Work practice or	G-Engineering	G-Design	50-354/1997007
83-Work practice or	G-Engineering	G-Design	50-354/1997007
83-Work practice or	G-Engineering	G-Design	50-354/1997007
83-Work practice or	G-Engineering	G-Design	50-354/1997007
83-Work practice or	G-Engineering	G-Design	50-354/1997007
83-Work practice or	H-Health Physics	H-Health Physics	50-354/1997007
93-Awareness or att	H-Health Physics	H-Health Physics	50-354/1997007
85-Team interaction	H-Health Physics	M-Maint / Repair	50-354/1997007
86-Work untimely	G-Engineering	F-Modification	50-354/1997007
86-Work untimely	D-Emergency Plannin	D-Emergency Drill	50-354/1997007
93-Awareness or att	O-Operations	S-Surveillance	50-354/1997009
83-Work practice or	O-Operations	T-Testing	50-354/1997009
93-Awareness or att	O-Operations	V-Troubleshooting	50-354/1997009
93-Awareness or att	O-Operations	T-Testing	50-354/1997009
84-Non-conserv. dec	O-Operations	R-Refueling	50-354/1997009
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-354/1997009
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-354/1997009
84-Non-conserv. dec	G-Engineering	O-Control Room Ops	50-354/1997009
84-Non-conserv. dec	Q-QA/QC	O-Control Room Ops	50-354/1997009
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-354/1997009
85-Team interaction	M-Mechanical	M-Maint / Repair	50-354/1997009
83-Work practice or	M-Mechanical	M-Maint / Repair	50-354/1997009
83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-354/1997009
85-Team interaction	M-Mechanical	M-Maint / Repair	50-354/1997009
83-Work practice or	M-Mechanical	M-Maint / Repair	50-354/1997009
83-Work practice or	M-Mechanical	M-Maint / Repair	50-354/1997009
93-Awareness or att	O-Operations	T-Testing	50-354/1997009
83-Work practice or	M-Mechanical	M-Maint / Repair	50-354/1997009
93-Awareness or att	G-Engineering	G-Design	50-354/1997009
81-Work Package Qua	G-Engineering	G-Design	50-354/1997080

Human Factors Information System Report

81-Work Package Qua	G-Engineering	G-Design	50-354/1997080
81-Work Package Qua	G-Engineering	G-Design	50-354/1997080
81-Work Package Qua	G-Engineering	G-Design	50-354/1997080
81-Work Package Qua	G-Engineering	G-Design	50-354/1997081

Work Factors ER

Number of items: 0
Percent of total: 0

Work Factors LER

Number of items: 20
Percent of total: 10.

87-Non-conservati I-Instrumentation & V-Troubleshooting 50-354/199700400
Page: 5 Date:08/05/1998

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Work Factors LER

Number of items: 20
Percent of Total: 10.

87-Non-conservati I-Instrumentation &	T-Testing	50-354/199700600
87-Non-conservati E-Electrical	M-Maint / Repair	50-354/199701300
87-Non-conservati U-Unknown	M-Maint / Repair	50-354/199701300
87-Non-conservati O-Operations	T-Testing	50-354/199701400
87-Non-conservati C-Chemistry	T-Testing	50-354/199701500
87-Non-conservati M-Mechanical	T-Testing	50-354/199702300
87-Non-conservati O-Operations	T-Testing	50-354/199702800
87-Non-conservati I-Instrumentation &	T-Testing	50-354/199702800
87-Non-conservati G-Engineering	F-Modification	50-354/199702900
87-Non-conservati M-Mechanical	F-Modification	50-354/199703200
87-Non-conservati M-Mechanical	M-Maint / Repair	50-354/199703200
87-Non-conservati G-Engineering	F-Modification	50-354/199703200
87-Non-conservati G-Engineering	M-Maint / Repair	50-354/199703200
87-Non-conservati O-Operations	T-Testing	50-354/199703300
83-Work practice or W-Work Control / Sc	Z-Other	50-354/199703402
83-Work practice or W-Work Control / Sc	Z-Other	50-354/199703402
86-Work untimely G-Engineering	Z-Other	50-354/199703402
83-Work practice or W-Work Control / Sc	Z-Other	50-354/199703402
83-Work practice or W-Work Control / Sc	M-Maint / Repair	50-354/199703402

Page: 6 Date:08/05/1998

[End of File for Plant Docket 354 (1997)]
