

1997 Human Factors Information System Report for Plant Docket 254

Combined IR/ER/LER Report
Docket: 50-254 QUAD CITIES 1

Total Number of Hits in Date Range: 224
From 01/01/1997 to 12/31/1997
2x National Average: 213

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 0			
Percent of total: 0			
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: .45			
76-Postings LTA	O-Operations	Q-Fire Protection	50-254/1997011
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: .45			
62-Information orga	O-Operations	T-Testing	50-254/199700700
Management and Supervision IR			
Number of items: 39			
Percent of total: 17.41			
40-Individual Corre	B-Plant Management	U-Unknown	50-254/1996017
36-Scheduling and p	W-Work Control / Sc	U-Unknown	50-254/1996017
37-Unqualified work	M-Mechanical	U-Unknown	50-254/1996017
40-Individual Corre	G-Engineering	U-Unknown	50-254/1996019
47-Root Cause LTA	G-Engineering	U-Unknown	50-254/1996019
47-Root Cause LTA	G-Engineering	U-Unknown	50-254/1996019
32-Supervision / co	M-Mechanical	U-Unknown	50-254/1996020
40-Individual Corre	M-Mechanical	U-Unknown	50-254/1996020
36-Scheduling and p	W-Work Control / Sc	F-Modification	50-254/1997002
41-Action not begun	I-Instrumentation & M-Maint / Repair		50-254/1997002
36-Scheduling and p	I-Instrumentation & V-Troubleshooting		50-254/1997002
40-Individual Corre	O-Operations	S-Surveillance	50-254/1997006
40-Individual Corre	B-Plant Management	Z-Other	50-254/1997006
40-Individual Corre	B-Plant Management	Z-Other	50-254/1997006
40-Individual Corre	G-Engineering	G-Design	50-254/1997010
36-Scheduling and p	W-Work Control / Sc	S-Surveillance	50-254/1997011
36-Scheduling and p	W-Work Control / Sc	S-Surveillance	50-254/1997011
40-Individual Corre	O-Operations	H-Health Physics	50-254/1997011
40-Individual Corre	O-Operations	Z-Other	50-254/1997014
32-Supervision / co	M-Mechanical	S-Surveillance	50-254/1997014
41-Action not begun	M-Mechanical	Z-Other	50-254/1997014
36-Scheduling and p	W-Work Control / Sc	S-Surveillance	50-254/1997014

Page: 1 Date:08/05/1998

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 39			
Percent of Total: 17.41			
36-Scheduling and p	W-Work Control / Sc	S-Surveillance	50-254/1997014

Human Factors Information System Report

40-Individual Corre	G-Engineering	Z-Other	50-254/1997014
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-254/1997014
32-Supervision / co	M-Mechanical	V-Troubleshooting	50-254/1997014
47-Root Cause LTA	G-Engineering	M-Maint / Repair	50-254/1997014
40-Individual Corre	O-Operations	B-Bal of Plant Ops	50-254/1997014
40-Individual Corre	O-Operations	Q-Fire Protection	50-254/1997014
40-Individual Corre	O-Operations	Q-Fire Protection	50-254/1997016
32-Supervision / co	B-Plant Management	G-Design	50-254/1997017
48-Audits or proble	Q-QA/QC	Z-Other	50-254/1997017
32-Supervision / co	G-Engineering	G-Design	50-254/1997017
41-Action not begun	G-Engineering	Z-Other	50-254/1997018
41-Action not begun	G-Engineering	G-Design	50-254/1997018
40-Individual Corre	G-Engineering	Z-Other	50-254/1997021
36-Scheduling and p	O-Operations	B-Bal of Plant Ops	50-254/1997021
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-254/1997021
40-Individual Corre	G-Engineering	Z-Other	50-254/1997021

Management and Supervision ER

Number of items: 0
Percent of total: 0

Management and Supervision LER

Number of items: 1
Percent of total: .45

32-Supervision / co	O-Operations	T-Testing	50-254/199700100
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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: 31
Percent of total: 13.84

12-Procedure techni	G-Engineering	U-Unknown	50-254/1996017
14-Document develop	O-Operations	U-Unknown	50-254/1996017
11-No procedure / r	O-Operations	U-Unknown	50-254/1996017
12-Procedure techni	O-Operations	U-Unknown	50-254/1996017
11-No procedure / r	G-Engineering	U-Unknown	50-254/1996019
12-Procedure techni	C-Chemistry	U-Unknown	50-254/1996020
14-Document develop	O-Operations	U-Unknown	50-254/1996020
11-No procedure / r	H-Health Physics	U-Unknown	50-254/1996020

Page: 2 Date:08/05/1998

Combined IR/ER/LER Report

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Procedures and Reference Document IR

Number of items: 31
Percent of Total: 13.84

12-Procedure techni	M-Mechanical	U-Unknown	50-254/1996020
11-No procedure / r	G-Engineering	G-Design	50-254/1997006
11-No procedure / r	G-Engineering	G-Design	50-254/1997006
12-Procedure techni	G-Engineering	G-Design	50-254/1997008
12-Procedure techni	G-Engineering	G-Design	50-254/1997008
12-Procedure techni	G-Engineering	G-Design	50-254/1997008
11-No procedure / r	G-Engineering	G-Design	50-254/1997010
12-Procedure techni	G-Engineering	G-Design	50-254/1997013
12-Procedure techni	G-Engineering	G-Design	50-254/1997013
12-Procedure techni	G-Engineering	G-Design	50-254/1997014
12-Procedure techni	G-Engineering	G-Design	50-254/1997014
12-Procedure techni	G-Engineering	G-Design	50-254/1997014
11-No procedure / r	G-Engineering	G-Design	50-254/1997014
12-Procedure techni	G-Engineering	G-Design	50-254/1997014
11-No procedure / r	G-Engineering	G-Design	50-254/1997014
12-Procedure techni	G-Engineering	G-Design	50-254/1997014
12-Procedure techni	G-Engineering	G-Design	50-254/1997017
12-Procedure techni	G-Engineering	G-Design	50-254/1997021

Human Factors Information System Report

12-Procedure techni	G-Engineering	G-Design	50-254/1997021
12-Procedure techni	G-Engineering	G-Design	50-254/1997021
12-Procedure techni	G-Engineering	G-Design	50-254/1997021
11-No procedure / r	G-Engineering	G-Design	50-254/1997021

Procedures and Reference Document ER

Number of items: 0
Percent of total: 0

Procedures and Reference Document LER

Number of items: 19
Percent of total: 8.48

13-Procedure has hu	M-Mechanical	T-Testing	50-254/199700300
13-Procedure has hu	M-Mechanical	M-Maint / Repair	50-254/199700800
13-Procedure has hu	M-Mechanical	T-Testing	50-254/199700800
13-Procedure has hu	G-Engineering	M-Maint / Repair	50-254/199700800
13-Procedure has hu	G-Engineering	T-Testing	50-254/199700800
13-Procedure has hu	I-Instrumentation &	C-Calibration	50-254/199701300
13-Procedure has hu	M-Mechanical	M-Maint / Repair	50-254/199701400
11-No procedure / r	M-Mechanical	O-Control Room Ops	50-254/199701900
11-No procedure / r	A-Administrative Su	O-Control Room Ops	50-254/199701900
11-No procedure / r	E-Electrical	A-Administrative	50-254/199702100
11-No procedure / r	A-Administrative Su	A-Administrative	50-254/199702100
13-Procedure has hu	O-Operations	A-Administrative	50-254/199702600
13-Procedure has hu	O-Operations	T-Testing	50-254/199702600
13-Procedure has hu	I-Instrumentation &	A-Administrative	50-254/199702900
13-Procedure has hu	I-Instrumentation &	T-Testing	50-254/199702900
14-Document develop	O-Operations	P-Procedure Dev	50-254/199703001
12-Procedure techni	I-Instrumentation &	M-Maint / Repair	50-254/199703001
14-Document develop	O-Operations	B-Bal of Plant Ops	50-254/199800300
14-Document develop	I-Instrumentation &	P-Procedure Dev	50-265/199800100

Training IR

Number of items: 11
Percent of total: 4.91

Page: 3 Date:08/05/1998

Combined IR/ER/LER Report
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Training IR

Number of items: 11
Percent of Total: 4.91

05-Individual knowl	U-Unknown	M-Maint / Repair	50-254/1997006
01-No Training	T-Training	B-Bal of Plant Ops	50-254/1997008
02-Training LTA	T-Training	G-Design	50-254/1997010
05-Individual knowl	G-Engineering	G-Design	50-254/1997013
05-Individual knowl	G-Engineering	G-Design	50-254/1997013
05-Individual knowl	G-Engineering	G-Design	50-254/1997014
04-Task Qualificati	G-Engineering	V-Troubleshooting	50-254/1997014
03-Training process	T-Training	Q-Fire Protection	50-254/1997016
05-Individual knowl	G-Engineering	G-Design	50-254/1997017
05-Individual knowl	G-Engineering	G-Design	50-254/1997017
02-Training LTA	T-Training	Z-Other	50-254/1997017

Training ER

Number of items: 0
Percent of total: 0

Training LER

Number of items: 2
Percent of total: .89

02-Training LTA	O-Operations	T-Testing	50-254/199700700
01-No Training	I-Instrumentation &	M-Maint / Repair	50-254/199703001

Work Factors IR

Number of items: 104
Percent of total: 46.43

87-Non-conservati	G-Engineering	U-Unknown	50-254/1996017
87-Non-conservati	B-Plant Management	U-Unknown	50-254/1996017
87-Non-conservati	G-Engineering	U-Unknown	50-254/1996019
84-Non-conserv. dec	O-Operations	U-Unknown	50-254/1996020
87-Non-conservati	O-Operations	U-Unknown	50-254/1996020
87-Non-conservati	O-Operations	U-Unknown	50-254/1996020
81-Work Package Qua	B-Plant Management	U-Unknown	50-254/1996020
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-254/1997002

83-Work practice or I-Instrumentation & V-Troubleshooting	50-254/1997002	
84-Non-conserv. dec O-Operations	V-Troubleshooting	50-254/1997002
83-Work practice or O-Operations	B-Bal of Plant Ops	50-254/1997002
83-Work practice or O-Operations	B-Bal of Plant Ops	50-254/1997002
87-Non-conservati O-Operations	B-Bal of Plant Ops	50-254/1997002
81-Work Package Qua W-Work Control / Sc	T-Testing	50-254/1997002
81-Work Package Qua W-Work Control / Sc	F-Modification	50-254/1997002
81-Work Package Qua W-Work Control / Sc	M-Maint / Repair	50-254/1997002
81-Work Package Qua G-Engineering	G-Design	50-254/1997002
92-Self check LTA O-Operations	S-Surveillance	50-254/1997006
91-Verification / p O-Operations	S-Surveillance	50-254/1997006
83-Work practice or O-Operations	O-Control Room Ops	50-254/1997006
83-Work practice or A-Administrative Su	A-Administrative	50-254/1997006
92-Self check LTA O-Operations	S-Surveillance	50-254/1997006
82-Briefing, prep. O-Operations	O-Control Room Ops	50-254/1997006
83-Work practice or A-Administrative Su	A-Administrative	50-254/1997006
83-Work practice or A-Administrative Su	A-Administrative	50-254/1997006

Page: 4 Date:08/05/1998

Combined IR/ER/LER Report
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From 01/01/1997 to 12/31/1997
2x National Average: 213

Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 104			
Percent of Total: 46.43			
93-Awareness or att	O-Operations	T-Testing	50-254/1997006
83-Work practice or	Z-Other	Z-Other	50-254/1997006
83-Work practice or	M-Mechanical	M-Maint / Repair	50-254/1997006
83-Work practice or	U-Unknown	M-Maint / Repair	50-254/1997008
92-Self check LTA	O-Operations	S-Surveillance	50-254/1997008
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-254/1997008
84-Non-conserv. dec	G-Engineering	F-Modification	50-254/1997010
81-Work Package Qua	G-Engineering	G-Design	50-254/1997010
83-Work practice or	G-Engineering	T-Testing	50-254/1997010
83-Work practice or	G-Engineering	A-Administrative	50-254/1997010
81-Work Package Qua	G-Engineering	G-Design	50-254/1997010
91-Verification / p	G-Engineering	G-Design	50-254/1997010
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-254/1997011
89-Housekeeping LTA	E-Electrical	M-Maint / Repair	50-254/1997011
93-Awareness or att	O-Operations	O-Control Room Ops	50-254/1997011
94-Log-keeping or r	O-Operations	A-Administrative	50-254/1997011
94-Log-keeping or r	O-Operations	A-Administrative	50-254/1997011
93-Awareness or att	O-Operations	O-Control Room Ops	50-254/1997011
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-254/1997011
86-Work untimely	G-Engineering	P-Procedure Dev	50-254/1997011
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-254/1997011
83-Work practice or	G-Engineering	T-Testing	50-254/1997011
93-Awareness or att	T-Training	A-Administrative	50-254/1997011
86-Work untimely	G-Engineering	A-Administrative	50-254/1997011
81-Work Package Qua	G-Engineering	F-Modification	50-254/1997011
83-Work practice or	G-Engineering	G-Design	50-254/1997011
83-Work practice or	H-Health Physics	H-Health Physics	50-254/1997011
83-Work practice or	H-Health Physics	H-Health Physics	50-254/1997011
83-Work practice or	G-Engineering	G-Design	50-254/1997013
84-Non-conserv. dec	G-Engineering	G-Design	50-254/1997013
83-Work practice or	G-Engineering	T-Testing	50-254/1997013
83-Work practice or	W-Work Control / Sc	A-Administrative	50-254/1997014
93-Awareness or att	G-Engineering	G-Design	50-254/1997014
93-Awareness or att	G-Engineering	G-Design	50-254/1997014
81-Work Package Qua	G-Engineering	F-Modification	50-254/1997014
83-Work practice or	G-Engineering	G-Design	50-254/1997014
93-Awareness or att	G-Engineering	Z-Other	50-254/1997014
93-Awareness or att	O-Operations	Z-Other	50-254/1997014
83-Work practice or	G-Engineering	A-Administrative	50-254/1997014
83-Work practice or	G-Engineering	G-Design	50-254/1997014
83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-254/1997014
84-Non-conserv. dec	O-Operations	Z-Other	50-254/1997014
84-Non-conserv. dec	B-Plant Management	Z-Other	50-254/1997014
83-Work practice or	G-Engineering	G-Design	50-254/1997017
83-Work practice or	G-Engineering	G-Design	50-254/1997017
83-Work practice or	G-Engineering	G-Design	50-254/1997017
83-Work practice or	G-Engineering	G-Design	50-254/1997017
83-Work practice or	G-Engineering	G-Design	50-254/1997017
83-Work practice or	G-Engineering	G-Design	50-254/1997017
81-Work Package Qua	G-Engineering	G-Design	50-254/1997017

Page: 5 Date:08/05/1998

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Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 104			
Percent of Total: 46.43			
81-Work Package Qua	G-Engineering	G-Design	50-254/1997017
81-Work Package Qua	G-Engineering	G-Design	50-254/1997017
81-Work Package Qua	G-Engineering	G-Design	50-254/1997017
83-Work practice or	G-Engineering	A-Administrative	50-254/1997017
81-Work Package Qua	G-Engineering	G-Design	50-254/1997017
81-Work Package Qua	G-Engineering	G-Design	50-254/1997017
86-Work untimely	G-Engineering	G-Design	50-254/1997017
81-Work Package Qua	G-Engineering	G-Design	50-254/1997017
83-Work practice or	G-Engineering	G-Design	50-254/1997017
83-Work practice or	G-Engineering	G-Design	50-254/1997017
93-Awareness or att	G-Engineering	G-Design	50-254/1997017
83-Work practice or	G-Engineering	G-Design	50-254/1997017
83-Work practice or	G-Engineering	G-Design	50-254/1997017
83-Work practice or	G-Engineering	G-Design	50-254/1997017
83-Work practice or	G-Engineering	G-Design	50-254/1997017
81-Work Package Qua	G-Engineering	G-Design	50-254/1997017
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-254/1997021
83-Work practice or	O-Operations	M-Maint / Repair	50-254/1997021
86-Work untimely	O-Operations	M-Maint / Repair	50-254/1997021
83-Work practice or	G-Engineering	M-Maint / Repair	50-254/1997021
93-Awareness or att	G-Engineering	M-Maint / Repair	50-254/1997021
83-Work practice or	M-Mechanical	H-Health Physics	50-254/1997021
93-Awareness or att	M-Mechanical	H-Health Physics	50-254/1997021
83-Work practice or	G-Engineering	M-Maint / Repair	50-254/1997021
86-Work untimely	G-Engineering	M-Maint / Repair	50-254/1997021
83-Work practice or	W-Work Control / Sc	M-Maint / Repair	50-254/1997021
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-254/1997021
83-Work practice or	O-Operations	A-Administrative	50-254/1997021
86-Work untimely	O-Operations	Q-Fire Protection	50-254/1997021

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

Details	Department	Work Type	Docket/Report
Work Factors LER			
Number of items: 15			
Percent of total: 6.7			
82-Briefing, prep.	O-Operations	T-Testing	50-254/199700100
87-Non-conservati	O-Operations	T-Testing	50-254/199700700
87-Non-conservati	M-Mechanical	M-Maint / Repair	50-254/199700800
87-Non-conservati	M-Mechanical	T-Testing	50-254/199700800
87-Non-conservati	G-Engineering	M-Maint / Repair	50-254/199700800
87-Non-conservati	G-Engineering	T-Testing	50-254/199700800
87-Non-conservati	O-Operations	M-Maint / Repair	50-254/199700900
87-Non-conservati	O-Operations	T-Testing	50-254/199700900
87-Non-conservati	G-Engineering	F-Modification	50-254/199701200
87-Non-conservati	G-Engineering	A-Administrative	50-254/199701600
87-Non-conservati	O-Operations	O-Control Room Ops	50-254/199701700
87-Non-conservati	O-Operations	A-Administrative	50-254/199701800
87-Non-conservati	G-Engineering	A-Administrative	50-254/199701800
Page: 6 Date:08/05/1998			

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Details	Department	Work Type	Docket/Report
Work Factors LER			
Number of items: 15			
Percent of Total: 6.7			
87-Non-conservati	I-Instrumentation &	A-Administrative	50-254/199702300
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-254/199800300
Page: 7 Date:08/05/1998			

[End of File for Plant Docket 254 (1997)]
