

1997 Human Factors Information System Report for Plant Docket 265

Combined IR/ER/LER Report
Docket: 50-265 QUAD CITIES 2

Total Number of Hits in Date Range: 253
From 01/01/1997 to 12/31/1997
2x National Average: 213

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 5			
Percent of total: 1.98			
54-No communication	O-Operations	O-Control Room Ops	50-265/1997014
	O-Operations		
53-Communication LT	O-Operations	M-Maint / Repair	50-265/1997014
	O-Operations		
53-Communication LT	G-Engineering	M-Maint / Repair	50-265/1997014
	G-Engineering		
53-Communication LT	M-Mechanical	M-Maint / Repair	50-265/1997014
	M-Mechanical		
53-Communication LT	G-Engineering	A-Administrative	50-265/1997018
	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: 2			
Percent of total: .79			
61-Labels LTA	I-Instrumentation &	S-Surveillance	50-265/1997008
76-Postings LTA	O-Operations	Q-Fire Protection	50-265/1997011

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: 40			
Percent of total: 15.81			
40-Individual Corre	B-Plant Management	U-Unknown	50-265/1996017
36-Scheduling and p	W-Work Control / Sc	U-Unknown	50-265/1996017
37-Unqualified work	M-Mechanical	U-Unknown	50-265/1996017
40-Individual Corre	G-Engineering	U-Unknown	50-265/1996019
47-Root Cause LTA	G-Engineering	U-Unknown	50-265/1996019
47-Root Cause LTA	G-Engineering	U-Unknown	50-265/1996019
32-Supervision / co	M-Mechanical	U-Unknown	50-265/1996020
40-Individual Corre	M-Mechanical	U-Unknown	50-265/1996020
40-Individual Corre	O-Operations	M-Maint / Repair	50-265/1997002
36-Scheduling and p	W-Work Control / Sc	F-Modification	50-265/1997002
40-Individual Corre	B-Plant Management	Z-Other	50-265/1997006
40-Individual Corre	B-Plant Management	Z-Other	50-265/1997006

Page: 1 Date:08/05/1998

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 40			
Percent of Total: 15.81			
36-Scheduling and p	W-Work Control / Sc	F-Modification	50-265/1997006

Human Factors Information System Report

40-Individual Corre	G-Engineering	Z-Other	50-265/1997006
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-265/1997008
40-Individual Corre	G-Engineering	G-Design	50-265/1997010
47-Root Cause LTA	G-Engineering	F-Modification	50-265/1997010
40-Individual Corre	G-Engineering	G-Design	50-265/1997010
40-Individual Corre	O-Operations	S-Surveillance	50-265/1997011
40-Individual Corre	O-Operations	Z-Other	50-265/1997014
32-Supervision / co	M-Mechanical	S-Surveillance	50-265/1997014
41-Action not begun	M-Mechanical	Z-Other	50-265/1997014
36-Scheduling and p	W-Work Control / Sc	S-Surveillance	50-265/1997014
36-Scheduling and p	W-Work Control / Sc	S-Surveillance	50-265/1997014
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-265/1997014
32-Supervision / co	M-Mechanical	V-Troubleshooting	50-265/1997014
47-Root Cause LTA	G-Engineering	M-Maint / Repair	50-265/1997014
40-Individual Corre	O-Operations	B-Bal of Plant Ops	50-265/1997014
41-Action not begun	O-Operations	B-Bal of Plant Ops	50-265/1997014
40-Individual Corre	O-Operations	Q-Fire Protection	50-265/1997014
40-Individual Corre	O-Operations	Q-Fire Protection	50-265/1997016
32-Supervision / co	B-Plant Management	G-Design	50-265/1997017
48-Audits or proble	Q-QA/QC	Z-Other	50-265/1997017
33-Management expec	G-Engineering	T-Testing	50-265/1997017
48-Audits or proble	G-Engineering	Z-Other	50-265/1997018
41-Action not begun	G-Engineering	G-Design	50-265/1997018
40-Individual Corre	G-Engineering	Z-Other	50-265/1997021
36-Scheduling and p	O-Operations	B-Bal of Plant Ops	50-265/1997021
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-265/1997021
40-Individual Corre	G-Engineering	Z-Other	50-265/1997021

Management and Supervision ER

Number of items: 0
Percent of total: 0

Management and Supervision LER

Number of items: 6
Percent of total: 2.37

32-Supervision / co	I-Instrumentation &	T-Testing	50-265/199700100
32-Supervision / co	O-Operations	A-Administrative	50-265/199700200
32-Supervision / co	O-Operations	O-Control Room Ops	50-265/199700200
32-Supervision / co	G-Engineering	A-Administrative	50-265/199700200
32-Supervision / co	G-Engineering	O-Control Room Ops	50-265/199700200
36-Scheduling and p	Z-Other	P-Procedure Dev	50-265/199701501

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: 33
Percent of total: 13.04

12-Procedure techni	G-Engineering	U-Unknown	50-265/1996017
Page: 2	Date:08/05/1998		

Combined IR/ER/LER Report

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Procedures and Reference Document IR

Number of items: 33
Percent of Total: 13.04

14-Document develop	O-Operations	U-Unknown	50-265/1996017
11-No procedure / r	O-Operations	U-Unknown	50-265/1996017
12-Procedure techni	O-Operations	U-Unknown	50-265/1996017
11-No procedure / r	G-Engineering	U-Unknown	50-265/1996019
12-Procedure techni	C-Chemistry	U-Unknown	50-265/1996020
14-Document develop	O-Operations	U-Unknown	50-265/1996020
11-No procedure / r	H-Health Physics	U-Unknown	50-265/1996020
12-Procedure techni	M-Mechanical	U-Unknown	50-265/1996020
11-No procedure / r	G-Engineering	O-Control Room Ops	50-265/1997002
12-Procedure techni	G-Engineering	S-Surveillance	50-265/1997002

Human Factors Information System Report

12-Procedure techni	G-Engineering	G-Design	50-265/1997006
12-Procedure techni	G-Engineering	G-Design	50-265/1997008
12-Procedure techni	G-Engineering	G-Design	50-265/1997008
12-Procedure techni	G-Engineering	G-Design	50-265/1997008
11-No procedure / r	G-Engineering	G-Design	50-265/1997010
12-Procedure techni	G-Engineering	G-Design	50-265/1997014
12-Procedure techni	G-Engineering	G-Design	50-265/1997014
12-Procedure techni	G-Engineering	G-Design	50-265/1997014
12-Procedure techni	G-Engineering	G-Design	50-265/1997014
12-Procedure techni	G-Engineering	G-Design	50-265/1997014
12-Procedure techni	G-Engineering	G-Design	50-265/1997014
12-Procedure techni	G-Engineering	G-Design	50-265/1997014
11-No procedure / r	G-Engineering	G-Design	50-265/1997014
12-Procedure techni	G-Engineering	G-Design	50-265/1997014
11-No procedure / r	G-Engineering	G-Design	50-265/1997014
12-Procedure techni	G-Engineering	G-Design	50-265/1997014
12-Procedure techni	G-Engineering	G-Design	50-265/1997017
12-Procedure techni	G-Engineering	G-Design	50-265/1997021
12-Procedure techni	G-Engineering	G-Design	50-265/1997021
12-Procedure techni	G-Engineering	G-Design	50-265/1997021
12-Procedure techni	G-Engineering	G-Design	50-265/1997021
11-No procedure / r	G-Engineering	G-Design	50-265/1997021

Procedures and Reference Document ER

Number of items: 0

Percent of total: 0

Procedures and Reference Document LER

Number of items: 30

Percent of total: 11.86

13-Procedure has hu	I-Instrumentation &	T-Testing	50-265/199700100
13-Procedure has hu	O-Operations	A-Administrative	50-265/199700200
13-Procedure has hu	O-Operations	O-Control Room Ops	50-265/199700200
13-Procedure has hu	G-Engineering	A-Administrative	50-265/199700200
13-Procedure has hu	G-Engineering	O-Control Room Ops	50-265/199700200
11-No procedure / r	M-Mechanical	M-Maint / Repair	50-265/199700300
11-No procedure / r	M-Mechanical	V-Troubleshooting	50-265/199700300
11-No procedure / r	G-Engineering	M-Maint / Repair	50-265/199700300
11-No procedure / r	G-Engineering	V-Troubleshooting	50-265/199700300
13-Procedure has hu	O-Operations	T-Testing	50-265/199700800

Page: 3

Date:08/05/1998

Combined IR/ER/LER Report

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Total Number of Hits in Date Range: 253

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2x National Average: 213

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Procedures and Reference Document LER

Number of items: 30

Percent of Total: 11.86

13-Procedure has hu	G-Engineering	T-Testing	50-265/199700800
13-Procedure has hu	C-Chemistry	T-Testing	50-265/199701000
11-No procedure / r	E-Electrical	M-Maint / Repair	50-265/199701200
11-No procedure / r	E-Electrical	T-Testing	50-265/199701200
13-Procedure has hu	E-Electrical	M-Maint / Repair	50-265/199701200
13-Procedure has hu	E-Electrical	T-Testing	50-265/199701200
11-No procedure / r	Z-Other	P-Procedure Dev	50-265/199701501
14-Document develop	Z-Other	P-Procedure Dev	50-265/199701501
13-Procedure has hu	G-Engineering	S-Surveillance	50-265/199701501
14-Document develop	I-Instrumentation &	P-Procedure Dev	50-265/199800100
13-Procedure has hu	M-Mechanical	M-Maint / Repair	50-254/199701400
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

Training IR

Number of items: 12

Percent of total: 4.74

05-Individual knowl	U-Unknown	M-Maint / Repair	50-265/1997006
05-Individual knowl	M-Mechanical	M-Maint / Repair	50-265/1997006
01-No Training	T-Training	B-Bal of Plant Ops	50-265/1997008
02-Training LTA	T-Training	G-Design	50-265/1997010

Human Factors Information System Report

05-Individual knowl	M-Mechanical	M-Maint / Repair	50-265/1997014
05-Individual knowl	G-Engineering	G-Design	50-265/1997014
04-Task Qualificati	G-Engineering	V-Troubleshooting	50-265/1997014
02-Training LTA	T-Training	Q-Fire Protection	50-265/1997016
03-Training process	T-Training	Q-Fire Protection	50-265/1997016
05-Individual knowl	G-Engineering	G-Design	50-265/1997017
05-Individual knowl	G-Engineering	G-Design	50-265/1997017
02-Training LTA	T-Training	Z-Other	50-265/1997017

Training ER

Number of items: 0
Percent of total: 0

Training LER

Number of items: 5
Percent of total: 1.98

02-Training LTA	O-Operations	A-Administrative	50-265/199700200
02-Training LTA	O-Operations	O-Control Room Ops	50-265/199700200
02-Training LTA	G-Engineering	A-Administrative	50-265/199700200
02-Training LTA	G-Engineering	O-Control Room Ops	50-265/199700200
01-No Training	I-Instrumentation &	M-Maint / Repair	50-254/199703001

Work Factors IR

Number of items: 103
Percent of total: 40.71

87-Non-conservati	G-Engineering	U-Unknown	50-265/1996017
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Page: 4 Date:08/05/1998

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Details	Department	Work Type	Docket/Report
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Work Factors IR

Number of items: 103
Percent of Total: 40.71

87-Non-conservati	B-Plant Management	U-Unknown	50-265/1996017
87-Non-conservati	G-Engineering	U-Unknown	50-265/1996019
84-Non-conserv. dec	O-Operations	U-Unknown	50-265/1996020
87-Non-conservati	O-Operations	U-Unknown	50-265/1996020
87-Non-conservati	O-Operations	U-Unknown	50-265/1996020
81-Work Package Qua	B-Plant Management	U-Unknown	50-265/1996020
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-265/1997002
81-Work Package Qua	G-Engineering	G-Design	50-265/1997002
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-265/1997002
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-265/1997002
87-Non-conservati	O-Operations	B-Bal of Plant Ops	50-265/1997002
92-Self check LTA	W-Work Control / Sc	S-Surveillance	50-265/1997002
92-Self check LTA	I-Instrumentation &	S-Surveillance	50-265/1997002
92-Self check LTA	O-Operations	S-Surveillance	50-265/1997002
81-Work Package Qua	G-Engineering	G-Design	50-265/1997002
93-Awareness or att	O-Operations	K-Housekeeping	50-265/1997002
93-Awareness or att	H-Health Physics	H-Health Physics	50-265/1997002
83-Work practice or	H-Health Physics	H-Health Physics	50-265/1997002
93-Awareness or att	H-Health Physics	H-Health Physics	50-265/1997002
83-Work practice or	H-Health Physics	H-Health Physics	50-265/1997002
83-Work practice or	A-Administrative Su	A-Administrative	50-265/1997006
83-Work practice or	A-Administrative Su	A-Administrative	50-265/1997006
93-Awareness or att	O-Operations	T-Testing	50-265/1997006
93-Awareness or att	G-Engineering	G-Design	50-265/1997006
83-Work practice or	U-Unknown	M-Maint / Repair	50-265/1997008
92-Self check LTA	O-Operations	S-Surveillance	50-265/1997008
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-265/1997008
83-Work practice or	I-Instrumentation &	S-Surveillance	50-265/1997008
84-Non-conserv. dec	G-Engineering	F-Modification	50-265/1997010
81-Work Package Qua	G-Engineering	G-Design	50-265/1997010
83-Work practice or	G-Engineering	T-Testing	50-265/1997010
83-Work practice or	G-Engineering	A-Administrative	50-265/1997010
81-Work Package Qua	G-Engineering	G-Design	50-265/1997010
91-Verification / p	G-Engineering	G-Design	50-265/1997010
84-Non-conserv. dec	G-Engineering	F-Modification	50-265/1997010
83-Work practice or	O-Operations	O-Control Room Ops	50-265/1997011
89-Housekeeping LTA	E-Electrical	M-Maint / Repair	50-265/1997011
93-Awareness or att	G-Engineering	O-Control Room Ops	50-265/1997011
93-Awareness or att	O-Operations	O-Control Room Ops	50-265/1997011
93-Awareness or att	O-Operations	O-Control Room Ops	50-265/1997011
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-265/1997011
83-Work practice or	G-Engineering	T-Testing	50-265/1997011

81-Work Package Qua W-Work Control / Sc M-Maint / Repair 50-265/1997011
 93-Awareness or att T-Training A-Administrative 50-265/1997011
 86-Work untimely G-Engineering A-Administrative 50-265/1997011
 83-Work practice or W-Work Control / Sc A-Administrative 50-265/1997014
 83-Work practice or M-Mechanical M-Maint / Repair 50-265/1997014
 81-Work Package Qua W-Work Control / Sc V-Troubleshooting 50-265/1997014
 81-Work Package Qua W-Work Control / Sc M-Maint / Repair 50-265/1997014
 81-Work Package Qua W-Work Control / Sc A-Administrative 50-265/1997014
 Page: 5 Date:08/05/1998

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Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 103			
Percent of Total: 40.71			
84-Non-conserv. dec	E-Electrical	T-Testing	50-265/1997014
93-Awareness or att	G-Engineering	G-Design	50-265/1997014
93-Awareness or att	G-Engineering	G-Design	50-265/1997014
81-Work Package Qua	G-Engineering	F-Modification	50-265/1997014
81-Work Package Qua	G-Engineering	F-Modification	50-265/1997014
83-Work practice or	G-Engineering	G-Design	50-265/1997014
93-Awareness or att	G-Engineering	Z-Other	50-265/1997014
93-Awareness or att	O-Operations	Z-Other	50-265/1997014
83-Work practice or	G-Engineering	A-Administrative	50-265/1997014
83-Work practice or	G-Engineering	G-Design	50-265/1997014
83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-265/1997014
84-Non-conserv. dec	O-Operations	Z-Other	50-265/1997014
84-Non-conserv. dec	B-Plant Management	Z-Other	50-265/1997014
83-Work practice or	M-Mechanical	Q-Fire Protection	50-265/1997016
83-Work practice or	G-Engineering	G-Design	50-265/1997017
83-Work practice or	G-Engineering	G-Design	50-265/1997017
83-Work practice or	G-Engineering	G-Design	50-265/1997017
83-Work practice or	G-Engineering	G-Design	50-265/1997017
83-Work practice or	G-Engineering	G-Design	50-265/1997017
83-Work practice or	G-Engineering	G-Design	50-265/1997017
81-Work Package Qua	G-Engineering	G-Design	50-265/1997017
81-Work Package Qua	G-Engineering	G-Design	50-265/1997017
81-Work Package Qua	G-Engineering	G-Design	50-265/1997017
81-Work Package Qua	G-Engineering	G-Design	50-265/1997017
83-Work practice or	G-Engineering	A-Administrative	50-265/1997017
81-Work Package Qua	G-Engineering	G-Design	50-265/1997017
81-Work Package Qua	G-Engineering	G-Design	50-265/1997017
86-Work untimely	G-Engineering	G-Design	50-265/1997017
86-Work untimely	G-Engineering	G-Design	50-265/1997017
81-Work Package Qua	G-Engineering	G-Design	50-265/1997017
83-Work practice or	G-Engineering	G-Design	50-265/1997017
83-Work practice or	G-Engineering	G-Design	50-265/1997017
93-Awareness or att	G-Engineering	G-Design	50-265/1997017
83-Work practice or	G-Engineering	G-Design	50-265/1997017
83-Work practice or	G-Engineering	G-Design	50-265/1997017
83-Work practice or	G-Engineering	G-Design	50-265/1997017
81-Work Package Qua	G-Engineering	G-Design	50-265/1997017
81-Work Package Qua	G-Engineering	G-Design	50-265/1997018
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-265/1997021
83-Work practice or	O-Operations	M-Maint / Repair	50-265/1997021
86-Work untimely	O-Operations	M-Maint / Repair	50-265/1997021
83-Work practice or	G-Engineering	M-Maint / Repair	50-265/1997021
93-Awareness or att	G-Engineering	M-Maint / Repair	50-265/1997021
83-Work practice or	G-Engineering	M-Maint / Repair	50-265/1997021
86-Work untimely	G-Engineering	M-Maint / Repair	50-265/1997021
83-Work practice or	W-Work Control / Sc	M-Maint / Repair	50-265/1997021
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-265/1997021
83-Work practice or	M-Mechanical	A-Administrative	50-265/1997021
83-Work practice or	M-Mechanical	A-Administrative	50-265/1997021
83-Work practice or	M-Mechanical	A-Administrative	50-265/1997021

Page: 6 Date:08/05/1998

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Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 103			
Percent of Total: 40.71			
83-Work practice or	O-Operations	A-Administrative	50-265/1997021
86-Work untimely	O-Operations	Q-Fire Protection	50-265/1997021
Work Factors ER			
Number of items: 0			
Percent of total: 0			
Work Factors LER			
Number of items: 17			
Percent of total: 6.72			
87-Non-conservati	O-Operations	A-Administrative	50-265/199700200
87-Non-conservati	O-Operations	O-Control Room Ops	50-265/199700200
87-Non-conservati	G-Engineering	A-Administrative	50-265/199700200
87-Non-conservati	G-Engineering	O-Control Room Ops	50-265/199700200
87-Non-conservati	O-Operations	T-Testing	50-265/199700800
87-Non-conservati	G-Engineering	T-Testing	50-265/199700800
87-Non-conservati	O-Operations	O-Control Room Ops	50-265/199700900
82-Briefing, prep.	C-Chemistry	T-Testing	50-265/199701000
87-Non-conservati	C-Chemistry	T-Testing	50-265/199701000
87-Non-conservati	O-Operations	T-Testing	50-265/199701100
83-Work practice or	G-Engineering	S-Surveillance	50-265/199701501
83-Work practice or	G-Engineering	S-Surveillance	50-265/199701501
84-Non-conserv. dec	G-Engineering	S-Surveillance	50-265/199701501
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
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 265 (1997)]
