

1998 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: 296
From 01/01/1998 to 12/31/1998
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 11			
Percent of total: 3.72			
53-Communication	LT I-Instrumentation & M-Maint / Repair		50-254/1997026
	I-Instrumentation &		
51-Misunderstood /	M-Mechanical	H-Health Physics	50-254/1997026
	M-Mechanical		
52-Communication un	O-Operations	O-Control Room Ops	50-254/1997028
	O-Operations		
52-Communication un	E-Electrical	T-Testing	50-254/1997028
	E-Electrical		
53-Communication	LT O-Operations	M-Maint / Repair	50-254/1998009
	O-Operations		
55-Communication	Eq D-Emergency Plannin	D-Emergency Drill	50-254/1998011
	D-Emergency Plannin		
53-Communication	LT Z-Other	A-Administrative	50-254/1998012
	Z-Other		
53-Communication	LT E-Electrical	M-Maint / Repair	50-254/1998013
	E-Electrical		
53-Communication	LT O-Operations	D-Emergency Drill	50-254/1998014
	O-Operations		
53-Communication	LT O-Operations	D-Emergency Drill	50-254/1998014
	O-Operations		
55-Communication	Eq O-Operations	D-Emergency Drill	50-254/1998014
	O-Operations		
Communications ER			
Number of items: 1			
Percent of total: .34			
53-Communication	LT T-Training	Z-Other	50-254/1998303
	T-Training		
Communications LER			
Number of items: 3			
Percent of total: 1.01			
53-Communication	LT I-Instrumentation & M-Maint / Repair		50-254/199801100
	I-Instrumentation &		
53-Communication	LT G-Engineering	G-Design	50-254/199801600
	G-Engineering		
53-Communication	LT O-Operations	T-Testing	50-254/199801700
	O-Operations		
Human-System Interface and Environm IR			
Number of items: 2			
Percent of total: .68			
61-Labels	LTA O-Operations	B-Bal of Plant Ops	50-254/1997022
72-Lighting	LTA D-Emergency Plannin	D-Emergency Drill	50-254/1997026
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: .34			
64-Placement or loc	E-Electrical	T-Testing	50-254/199800100
Management and Supervision IR			
Number of items: 62			
Percent of total: 20.95			
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Docket: 50-254 QUAD CITIES 1

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 62			
Percent of Total: 20.95			
33-Management expec	B-Plant Management	Q-Fire Protection	50-254/1997023
32-Supervision / co	G-Engineering	Q-Fire Protection	50-254/1997023
40-Individual Corre	B-Plant Management	Z-Other	50-254/1997023
40-Individual Corre	O-Operations	Z-Other	50-254/1997026
40-Individual Corre	O-Operations	Z-Other	50-254/1997026
36-Scheduling and p	I-Instrumentation &	M-Maint / Repair	50-254/1997026
41-Action not begun	O-Operations	O-Control Room Ops	50-254/1997026
41-Action not begun	G-Engineering	G-Design	50-254/1997026
47-Root Cause LTA	G-Engineering	Z-Other	50-254/1997026
41-Action not begun	G-Engineering	Z-Other	50-254/1997026
43-Operating Experi	G-Engineering	P-Procedure Dev	50-254/1997026
47-Root Cause LTA	O-Operations	Z-Other	50-254/1997028
40-Individual Corre	O-Operations	Z-Other	50-254/1997028
36-Scheduling and p	O-Operations	O-Control Room Ops	50-254/1997028
36-Scheduling and p	O-Operations	O-Control Room Ops	50-254/1997028
40-Individual Corre	O-Operations	Z-Other	50-254/1997028
40-Individual Corre	G-Engineering	Z-Other	50-254/1997028
47-Root Cause LTA	G-Engineering	Z-Other	50-254/1997028
47-Root Cause LTA	G-Engineering	Z-Other	50-254/1997028
47-Root Cause LTA	G-Engineering	Z-Other	50-254/1997028
41-Action not begun	G-Engineering	Z-Other	50-254/1997028
40-Individual Corre	G-Engineering	Z-Other	50-254/1997028
47-Root Cause LTA	O-Operations	Z-Other	50-254/1998004
40-Individual Corre	O-Operations	Z-Other	50-254/1998004
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-254/1998004
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-254/1998004
43-Operating Experi	G-Engineering	Z-Other	50-254/1998004
40-Individual Corre	G-Engineering	Z-Other	50-254/1998004
36-Scheduling and p	W-Work Control / Sc	S-Surveillance	50-254/1998004
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-254/1998004
40-Individual Corre	G-Engineering	Z-Other	50-254/1998004
44-Corrective Actio	G-Engineering	Z-Other	50-254/1998004
43-Operating Experi	G-Engineering	Z-Other	50-254/1998004
33-Management expec	B-Plant Management	H-Health Physics	50-254/1998004
40-Individual Corre	I-Instrumentation &	Z-Other	50-254/1998004
33-Management expec	G-Engineering	A-Administrative	50-254/1998005
33-Management expec	B-Plant Management	G-Design	50-254/1998005
47-Root Cause LTA	O-Operations	Z-Other	50-254/1998009
40-Individual Corre	O-Operations	Z-Other	50-254/1998009
40-Individual Corre	O-Operations	A-Administrative	50-254/1998009
40-Individual Corre	P-Procedure Writers	P-Procedure Dev	50-254/1998009
40-Individual Corre	O-Operations	A-Administrative	50-254/1998009
40-Individual Corre	O-Operations	A-Administrative	50-254/1998009
47-Root Cause LTA	O-Operations	Z-Other	50-254/1998009
41-Action not begun	O-Operations	Z-Other	50-254/1998009
44-Corrective Actio	O-Operations	Z-Other	50-254/1998009
48-Audits or proble	Q-QA/QC	Z-Other	50-254/1998009
44-Corrective Actio	O-Operations	Z-Other	50-254/1998009
40-Individual Corre	Z-Other	Z-Other	50-254/1998009
48-Audits or proble	O-Operations	Z-Other	50-254/1998009

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Total Number of Hits in Date Range: 296
From 01/01/1998 to 12/31/1998
2x National Average: 255

Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 62			
Percent of Total: 20.95			
40-Individual Corre	E-Electrical	Z-Other	50-254/1998009
43-Operating Experi	H-Health Physics	H-Health Physics	50-254/1998009
40-Individual Corre	G-Engineering	G-Design	50-254/1998011
40-Individual Corre	G-Engineering	G-Design	50-254/1998011
40-Individual Corre	G-Engineering	Z-Other	50-254/1998011
42-No action planne	G-Engineering	Z-Other	50-254/1998011
40-Individual Corre	O-Operations	Z-Other	50-254/1998012
33-Management expec	O-Operations	S-Surveillance	50-254/1998012
32-Supervision / co	O-Operations	S-Surveillance	50-254/1998012
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-254/1998013
41-Action not begun	G-Engineering	Z-Other	50-254/1998015

36-Scheduling and p W-Work Control / Sc C-Calibration 50-254/1998201

Management and Supervision ER

Number of items: 0
Percent of total: 0

Management and Supervision LER

Number of items: 9
Percent of total: 3.04

32-Supervision / co	E-Electrical	T-Testing	50-254/199800100
36-Scheduling and p	G-Engineering	S-Surveillance	50-254/199800500
33-Management expec	G-Engineering	S-Surveillance	50-254/199800500
32-Supervision / co	G-Engineering	S-Surveillance	50-254/199800500
40-Individual Corre	G-Engineering	S-Surveillance	50-254/199800500
33-Management expec	G-Engineering	A-Administrative	50-254/199801000
32-Supervision / co	G-Engineering	G-Design	50-254/199801600
40-Individual Corre	B-Plant Management	S-Surveillance	50-254/199802100
40-Individual Corre	B-Plant Management	S-Surveillance	50-254/199802100

Organizational Issues IR

Number of items: 3
Percent of total: 1.01

21-Staffing LTA	G-Engineering	Z-Other	50-254/1997026
21-Staffing LTA	O-Operations	Q-Fire Protection	50-254/1998011
22-Poor Task Alloca	G-Engineering	G-Design	50-254/1998011

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: 45
Percent of total: 15.2

12-Procedure techni	G-Engineering	G-Design	50-254/1997022
12-Procedure techni	G-Engineering	G-Design	50-254/1997022

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

Number of items: 45
Percent of Total: 15.2

13-Procedure has hu	G-Engineering	G-Design	50-254/1997022
13-Procedure has hu	G-Engineering	G-Design	50-254/1997022
13-Procedure has hu	G-Engineering	G-Design	50-254/1997022
13-Procedure has hu	G-Engineering	G-Design	50-254/1997022
12-Procedure techni	G-Engineering	G-Design	50-254/1997022
12-Procedure techni	G-Engineering	G-Design	50-254/1997022
12-Procedure techni	G-Engineering	G-Design	50-254/1997022
14-Documen develop	G-Engineering	G-Design	50-254/1997023
12-Procedure techni	G-Engineering	G-Design	50-254/1997026
11-No procedure / r	G-Engineering	G-Design	50-254/1997026
11-No procedure / r	G-Engineering	G-Design	50-254/1997028
12-Procedure techni	G-Engineering	G-Design	50-254/1998004
12-Procedure techni	G-Engineering	G-Design	50-254/1998004
12-Procedure techni	G-Engineering	G-Design	50-254/1998004
11-No procedure / r	G-Engineering	G-Design	50-254/1998004
12-Procedure techni	G-Engineering	G-Design	50-254/1998005
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-254/1998009
14-Documen develop	P-Procedure Writers	P-Procedure Dev	50-254/1998009
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-254/1998011
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-254/1998011
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-254/1998011
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-254/1998011
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-254/1998011
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-254/1998011
14-Documen develop	P-Procedure Writers	P-Procedure Dev	50-254/1998011
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-254/1998011
14-Documen develop	P-Procedure Writers	P-Procedure Dev	50-254/1998011
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-254/1998011
12-Procedure techni	G-Engineering	G-Design	50-254/1998011

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13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-254/1998012
12-Procedure techni	G-Engineering	G-Design	50-254/1998012
12-Procedure techni	G-Engineering	G-Design	50-254/1998012
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-254/1998012
13-Procedure has hu	G-Engineering	G-Design	50-254/1998201
12-Procedure techni	G-Engineering	G-Design	50-254/1998201
13-Procedure has hu	G-Engineering	G-Design	50-254/1998201
11-No procedure / r	G-Engineering	G-Design	50-254/1998201
11-No procedure / r	G-Engineering	G-Design	50-254/1998201
12-Procedure techni	G-Engineering	G-Design	50-254/1998201
12-Procedure techni	G-Engineering	G-Design	50-254/1998201
12-Procedure techni	G-Engineering	G-Design	50-254/1998201
11-No procedure / r	G-Engineering	G-Design	50-254/1998201
12-Procedure techni	G-Engineering	G-Design	50-254/1998201

Procedures and Reference Document ER

Number of items: 0

Percent of total: 0

Procedures and Reference Document LER

Number of items: 5

Percent of total: 1.69

12-Procedure techni O-Operations B-Bal of Plant Ops 50-254/199800400

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Docket: 50-254 QUAD CITIES 1

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2x National Average: 255

Details	Department	Work Type	Docket/Report
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Procedures and Reference Document LER

Number of items: 5

Percent of Total: 1.69

12-Procedure techni G-Engineering B-Bal of Plant Ops 50-254/199800400

14-Document develop P-Procedure Writers S-Surveillance 50-254/199800500

14-Document develop P-Procedure Writers P-Procedure Dev 50-254/199801400

13-Procedure has hu G-Engineering S-Surveillance 50-254/199802100

Training IR

Number of items: 17

Percent of total: 5.74

05-Individual knowl Z-Other Q-Fire Protection 50-254/1997023

03-Training process T-Training Z-Other 50-254/1997023

06-Simulator fideli T-Training Z-Other 50-254/1997024

03-Training process T-Training Z-Other 50-254/1997024

05-Individual knowl O-Operations B-Bal of Plant Ops 50-254/1997026

05-Individual knowl O-Operations B-Bal of Plant Ops 50-254/1997026

05-Individual knowl O-Operations O-Control Room Ops 50-254/1997026

05-Individual knowl M-Mechanical H-Health Physics 50-254/1997026

01-No Training T-Training D-Emergency Drill 50-254/1997026

05-Individual knowl O-Operations T-Testing 50-254/1997028

05-Individual knowl O-Operations O-Control Room Ops 50-254/1997028

05-Individual knowl G-Engineering G-Design 50-254/1998011

05-Individual knowl O-Operations G-Design 50-254/1998011

02-Training LTA T-Training B-Bal of Plant Ops 50-254/1998013

05-Individual knowl E-Electrical M-Maint / Repair 50-254/1998013

02-Training LTA T-Training M-Maint / Repair 50-254/1998013

05-Individual knowl G-Engineering G-Design 50-254/1998201

Training ER

Number of items: 2

Percent of total: .68

05-Individual knowl O-Operations Z-Other 50-254/1998303

06-Simulator fideli T-Training Z-Other 50-254/1998303

Training LER

Number of items: 4

Percent of total: 1.35

02-Training LTA O-Operations B-Bal of Plant Ops 50-254/199800400

02-Training LTA G-Engineering B-Bal of Plant Ops 50-254/199800400

02-Training LTA G-Engineering S-Surveillance 50-254/199800500

02-Training LTA G-Engineering S-Surveillance 50-254/199801000

Work Factors IR

Number of items: 121

Percent of total: 40.88

81-Work Package Qua T-Training Z-Other 50-254/1997022

83-Work practice or G-Engineering A-Administrative 50-254/1997022

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84-Non-conserv. dec	G-Engineering	G-Design	50-254/1997022
83-Work practice or	G-Engineering	G-Design	50-254/1997022
83-Work practice or	G-Engineering	G-Design	50-254/1997022
93-Awareness or att	G-Engineering	G-Design	50-254/1997022
83-Work practice or	G-Engineering	G-Design	50-254/1997022

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

Total Number of Hits in Date Range: 296
From 01/01/1998 to 12/31/1998
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Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 121			
Percent of Total: 40.88			
83-Work practice or	G-Engineering	G-Design	50-254/1997022
81-Work Package Qua	G-Engineering	F-Modification	50-254/1997022
83-Work practice or	G-Engineering	F-Modification	50-254/1997022
83-Work practice or	Q-QA/QC	F-Modification	50-254/1997022
83-Work practice or	G-Engineering	S-Surveillance	50-254/1997022
83-Work practice or	G-Engineering	F-Modification	50-254/1997022
83-Work practice or	G-Engineering	F-Modification	50-254/1997022
83-Work practice or	G-Engineering	G-Design	50-254/1997022
91-Verification / p	G-Engineering	G-Design	50-254/1997022
83-Work practice or	G-Engineering	G-Design	50-254/1997022
81-Work Package Qua	G-Engineering	G-Design	50-254/1997022
81-Work Package Qua	G-Engineering	A-Administrative	50-254/1997022
81-Work Package Qua	G-Engineering	G-Design	50-254/1997023
84-Non-conserv. dec	G-Engineering	G-Design	50-254/1997023
81-Work Package Qua	G-Engineering	Q-Fire Protection	50-254/1997023
81-Work Package Qua	G-Engineering	G-Design	50-254/1997023
83-Work practice or	G-Engineering	G-Design	50-254/1997023
93-Awareness or att	G-Engineering	G-Design	50-254/1997023
83-Work practice or	G-Engineering	G-Design	50-254/1997023
83-Work practice or	G-Engineering	G-Design	50-254/1997023
81-Work Package Qua	G-Engineering	G-Design	50-254/1997023
81-Work Package Qua	T-Training	Z-Other	50-254/1997024
93-Awareness or att	O-Operations	O-Control Room Ops	50-254/1997026
93-Awareness or att	O-Operations	O-Control Room Ops	50-254/1997026
83-Work practice or	G-Engineering	P-Procedure Dev	50-254/1997026
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-254/1997026
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-254/1997026
82-Briefing, prep.	O-Operations	B-Bal of Plant Ops	50-254/1997026
83-Work practice or	M-Mechanical	M-Maint / Repair	50-254/1997026
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-254/1997026
84-Non-conserv. dec	O-Operations	Z-Other	50-254/1997026
83-Work practice or	O-Operations	A-Administrative	50-254/1997026
83-Work practice or	M-Mechanical	A-Administrative	50-254/1997026
81-Work Package Qua	G-Engineering	P-Procedure Dev	50-254/1997026
83-Work practice or	G-Engineering	G-Design	50-254/1997026
86-Work untimely	E-Electrical	M-Maint / Repair	50-254/1997026
81-Work Package Qua	G-Engineering	G-Design	50-254/1997026
81-Work Package Qua	G-Engineering	F-Modification	50-254/1997026
83-Work practice or	T-Training	Z-Other	50-254/1997026
93-Awareness or att	E-Electrical	T-Testing	50-254/1997028
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-254/1997028
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-254/1997028
91-Verification / p	G-Engineering	G-Design	50-254/1997028
94-Log-keeping or r	O-Operations	A-Administrative	50-254/1997028
83-Work practice or	O-Operations	T-Testing	50-254/1997028
91-Verification / p	O-Operations	T-Testing	50-254/1997028
93-Awareness or att	W-Work Control / Sc	A-Administrative	50-254/1997028
83-Work practice or	E-Electrical	M-Maint / Repair	50-254/1997028
83-Work practice or	E-Electrical	A-Administrative	50-254/1997028
83-Work practice or	W-Work Control / Sc	A-Administrative	50-254/1997028

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Details	Department	Work Type	Docket/Report
Work Factors IR			

Number of items: 121
Percent of Total: 40.88

91-Verification / p	M-Mechanical	M-Maint / Repair	50-254/1997028
83-Work practice or	M-Mechanical	A-Administrative	50-254/1997028
81-Work Package Qua	G-Engineering	G-Design	50-254/1997028
83-Work practice or	G-Engineering	G-Design	50-254/1997028
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-254/1998004
93-Awareness or att	I-Instrumentation &	M-Maint / Repair	50-254/1998004
83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-254/1998004
83-Work practice or	G-Engineering	P-Procedure Dev	50-254/1998004
81-Work Package Qua	G-Engineering	M-Maint / Repair	50-254/1998004
91-Verification / p	G-Engineering	P-Procedure Dev	50-254/1998004
81-Work Package Qua	G-Engineering	G-Design	50-254/1998004
93-Awareness or att	G-Engineering	G-Design	50-254/1998004
83-Work practice or	G-Engineering	G-Design	50-254/1998004
83-Work practice or	G-Engineering	G-Design	50-254/1998004
82-Briefing, prep.	G-Engineering	G-Design	50-254/1998004
83-Work practice or	G-Engineering	F-Modification	50-254/1998004
83-Work practice or	G-Engineering	G-Design	50-254/1998005
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-254/1998008
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-254/1998008
83-Work practice or	O-Operations	M-Maint / Repair	50-254/1998009
93-Awareness or att	F-Fuel Handling	R-Refueling	50-254/1998009
88-Tag outs LTA	O-Operations	R-Refueling	50-254/1998009
83-Work practice or	G-Engineering	M-Maint / Repair	50-254/1998009
83-Work practice or	O-Operations	Z-Other	50-254/1998009
83-Work practice or	E-Electrical	M-Maint / Repair	50-254/1998009
93-Awareness or att	E-Electrical	A-Administrative	50-254/1998009
83-Work practice or	E-Electrical	M-Maint / Repair	50-254/1998009
81-Work Package Qua	G-Engineering	G-Design	50-254/1998009
93-Awareness or att	C-Chemistry	B-Bal of Plant Ops	50-254/1998009
84-Non-conserv. dec	G-Engineering	Q-Fire Protection	50-254/1998011
84-Non-conserv. dec	G-Engineering	Q-Fire Protection	50-254/1998011
81-Work Package Qua	G-Engineering	Q-Fire Protection	50-254/1998011
84-Non-conserv. dec	O-Operations	Q-Fire Protection	50-254/1998011
93-Awareness or att	G-Engineering	Q-Fire Protection	50-254/1998011
93-Awareness or att	G-Engineering	A-Administrative	50-254/1998011
93-Awareness or att	G-Engineering	A-Administrative	50-254/1998011
81-Work Package Qua	G-Engineering	G-Design	50-254/1998011
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-254/1998012
85-Team interaction	O-Operations	V-Troubleshooting	50-254/1998012
93-Awareness or att	O-Operations	O-Control Room Ops	50-254/1998012
92-Self check LTA	O-Operations	S-Surveillance	50-254/1998012
93-Awareness or att	O-Operations	A-Administrative	50-254/1998012
93-Awareness or att	O-Operations	S-Surveillance	50-254/1998012
93-Awareness or att	A-Administrative Su	P-Procedure Dev	50-254/1998012
93-Awareness or att	O-Operations	P-Procedure Dev	50-254/1998012
81-Work Package Qua	G-Engineering	T-Testing	50-254/1998012
81-Work Package Qua	G-Engineering	G-Design	50-254/1998012
93-Awareness or att	G-Engineering	F-Modification	50-254/1998012
83-Work practice or	G-Engineering	G-Design	50-254/1998012
81-Work Package Qua	G-Engineering	F-Modification	50-254/1998012

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

Total Number of Hits in Date Range: 296
From 01/01/1998 to 12/31/1998
2x National Average: 255

Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 121			
Percent of Total: 40.88			
91-Verification / p	H-Health Physics	B-Bal of Plant Ops	50-254/1998013
83-Work practice or	H-Health Physics	B-Bal of Plant Ops	50-254/1998013
86-Work untimely	O-Operations	M-Maint / Repair	50-254/1998013
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-254/1998013
93-Awareness or att	W-Work Control / Sc	A-Administrative	50-254/1998013
86-Work untimely	G-Engineering	M-Maint / Repair	50-254/1998013
93-Awareness or att	E-Electrical	S-Surveillance	50-254/1998013
91-Verification / p	E-Electrical	S-Surveillance	50-254/1998013
82-Briefing, prep.	O-Operations	D-Emergency Drill	50-254/1998014
93-Awareness or att	D-Emergency Plannin	D-Emergency Drill	50-254/1998014
93-Awareness or att	D-Emergency Plannin	D-Emergency Drill	50-254/1998014
83-Work practice or	G-Engineering	G-Design	50-254/1998201
83-Work practice or	G-Engineering	G-Design	50-254/1998201
86-Work untimely	G-Engineering	A-Administrative	50-254/1998201

Work Factors ER

Number of items: 3
Percent of total: 1.01
84-Non-conserv. dec O-Operations Z-Other 50-254/1998303
84-Non-conserv. dec O-Operations Z-Other 50-254/1998303
93-Awareness or att T-Training A-Administrative 50-254/1998303

Work Factors LER

Number of items: 7
Percent of total: 2.36
83-Work practice or E-Electrical T-Testing 50-254/199800100
83-Work practice or O-Operations O-Control Room Ops 50-254/199800100
83-Work practice or O-Operations B-Bal of Plant Ops 50-254/199800400
83-Work practice or G-Engineering B-Bal of Plant Ops 50-254/199800400
83-Work practice or W-Work Control / Sc A-Administrative 50-254/199801000
91-Verification / p G-Engineering A-Administrative 50-254/199801000
92-Self check LTA I-Instrumentation & M-Maint / Repair 50-254/199801100
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[End of File for Plant Docket 254 (1998)]
