

1998 Human Factors Information System Report for Plant Docket 247

Combined IR/ER/LER Report
Docket: 50-247 INDIAN POINT 2

Total Number of Hits in Date Range: 358
From 01/01/1998 to 12/31/1998
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 15			
Percent of total: 4.19			
52-Communication un	D-Emergency Plannin	D-Emergency Drill	50-247/1997015
	D-Emergency Plannin		
53-Communication LT	O-Operations	O-Control Room Ops	50-247/1998001
	O-Operations		
54-No communication	O-Operations	C-Calibration	50-247/1998002
	O-Operations		
54-No communication	G-Engineering	G-Design	50-247/1998002
	G-Engineering		
52-Communication un	Z-Other	A-Administrative	50-247/1998002
	Z-Other		
51-Misunderstood /	H-Health Physics	H-Health Physics	50-247/1998003
	H-Health Physics		
53-Communication LT	B-Plant Management	Z-Other	50-247/1998005
	B-Plant Management		
53-Communication LT	O-Operations	O-Control Room Ops	50-247/1998005
	O-Operations		
51-Misunderstood /	G-Engineering	G-Design	50-247/1998008
	G-Engineering		
52-Communication un	Z-Other	O-Control Room Ops	50-247/1998008
	Z-Other		
52-Communication un	Z-Other	A-Administrative	50-247/1998008
	Z-Other		
53-Communication LT	I-Instrumentation &	T-Testing	50-247/1998009
	I-Instrumentation &		
53-Communication LT	O-Operations	O-Control Room Ops	50-247/1998012
	O-Operations		
53-Communication LT	I-Instrumentation &	F-Modification	50-247/1998012
	I-Instrumentation &		
53-Communication LT	O-Operations	B-Bal of Plant Ops	50-247/1998012
	O-Operations		

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: 5
Percent of total: 1.4

73-Excessive Noise	D-Emergency Plannin	D-Emergency Drill	50-247/1997015
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-247/1998002
76-Postings LTA	H-Health Physics	Z-Other	50-247/1998004
61-Labels LTA	O-Operations	O-Control Room Ops	50-247/1998005
61-Labels LTA	O-Operations	B-Bal of Plant Ops	50-247/1998005

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: 79
Percent of total: 22.07
47-Root Cause LTA G-Engineering Z-Other 50-247/1997013
Page: 1 Date:01/13/1999

Combined IR/ER/LER Report
Docket: 50-247 INDIAN POINT 2

Total Number of Hits in Date Range: 358
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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 79			
Percent of Total: 22.07			
47-Root Cause LTA	G-Engineering	Z-Other	50-247/1997013
47-Root Cause LTA	G-Engineering	Z-Other	50-247/1997013
47-Root Cause LTA	G-Engineering	Z-Other	50-247/1997013
47-Root Cause LTA	G-Engineering	Z-Other	50-247/1997013
47-Root Cause LTA	G-Engineering	Z-Other	50-247/1997013
33-Management expec	G-Engineering	Z-Other	50-247/1997013
47-Root Cause LTA	G-Engineering	Z-Other	50-247/1997013
43-Operating Experi	G-Engineering	Z-Other	50-247/1997013
41-Action not begun	G-Engineering	Z-Other	50-247/1997015
41-Action not begun	G-Engineering	Z-Other	50-247/1997015
41-Action not begun	G-Engineering	Z-Other	50-247/1997015
41-Action not begun	G-Engineering	Z-Other	50-247/1997015
44-Corrective Actio	G-Engineering	Z-Other	50-247/1997015
40-Individual Corre	G-Engineering	P-Procedure Dev	50-247/1998001
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-247/1998001
32-Supervision / co	M-Mechanical	F-Modification	50-247/1998001
32-Supervision / co	O-Operations	A-Administrative	50-247/1998002
36-Scheduling and p	W-Work Control / Sc	S-Surveillance	50-247/1998002
32-Supervision / co	Z-Other	Z-Other	50-247/1998002
40-Individual Corre	O-Operations	Z-Other	50-247/1998003
41-Action not begun	O-Operations	Z-Other	50-247/1998003
32-Supervision / co	O-Operations	M-Maint / Repair	50-247/1998003
47-Root Cause LTA	M-Mechanical	Z-Other	50-247/1998003
40-Individual Corre	G-Engineering	Z-Other	50-247/1998003
34-Perceived pressu	G-Engineering	G-Design	50-247/1998004
41-Action not begun	H-Health Physics	Q-Fire Protection	50-247/1998004
40-Individual Corre	H-Health Physics	Z-Other	50-247/1998004
32-Supervision / co	H-Health Physics	H-Health Physics	50-247/1998004
43-Operating Experi	B-Plant Management	Z-Other	50-247/1998005
33-Management expec	B-Plant Management	Z-Other	50-247/1998005
32-Supervision / co	O-Operations	O-Control Room Ops	50-247/1998005
32-Supervision / co	O-Operations	O-Control Room Ops	50-247/1998005
32-Supervision / co	O-Operations	O-Control Room Ops	50-247/1998005
33-Management expec	B-Plant Management	M-Maint / Repair	50-247/1998005
32-Supervision / co	B-Plant Management	Z-Other	50-247/1998005
40-Individual Corre	O-Operations	Z-Other	50-247/1998005
33-Management expec	O-Operations	O-Control Room Ops	50-247/1998005
32-Supervision / co	O-Operations	O-Control Room Ops	50-247/1998005
32-Supervision / co	O-Operations	O-Control Room Ops	50-247/1998005
43-Operating Experi	O-Operations	O-Control Room Ops	50-247/1998005
40-Individual Corre	O-Operations	O-Control Room Ops	50-247/1998005
33-Management expec	O-Operations	O-Control Room Ops	50-247/1998005
48-Audits or proble	O-Operations	Z-Other	50-247/1998005
40-Individual Corre	O-Operations	Z-Other	50-247/1998005
40-Individual Corre	O-Operations	Z-Other	50-247/1998005
32-Supervision / co	O-Operations	M-Maint / Repair	50-247/1998005
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-247/1998005
32-Supervision / co	B-Plant Management	M-Maint / Repair	50-247/1998005
33-Management expec	G-Engineering	G-Design	50-247/1998005
40-Individual Corre	G-Engineering	Z-Other	50-247/1998005

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Combined IR/ER/LER Report
 Docket: 50-247 INDIAN POINT 2

Total Number of Hits in Date Range: 358
 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: 79			
Percent of Total: 22.07			
33-Management expec	G-Engineering	G-Design	50-247/1998005
47-Root Cause LTA	G-Engineering	G-Design	50-247/1998005
47-Root Cause LTA	G-Engineering	Z-Other	50-247/1998005
48-Audits or proble	G-Engineering	Z-Other	50-247/1998005
44-Corrective Actio	B-Plant Management	Z-Other	50-247/1998005
33-Management expec	Q-QA/QC	Z-Other	50-247/1998005
33-Management expec	B-Plant Management	Z-Other	50-247/1998005
43-Operating Experi	Q-QA/QC	Z-Other	50-247/1998005

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12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-247/1998002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-247/1998002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-247/1998002
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-247/1998002
11-No procedure / r	H-Health Physics	H-Health Physics	50-247/1998003
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-247/1998004
13-Procedure has hu	G-Engineering	G-Design	50-247/1998004
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-247/1998004
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-247/1998004
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-247/1998005
12-Procedure techni	G-Engineering	G-Design	50-247/1998005
11-No procedure / r	G-Engineering	G-Design	50-247/1998005
11-No procedure / r	G-Engineering	G-Design	50-247/1998005
11-No procedure / r	G-Engineering	G-Design	50-247/1998005
12-Procedure techni	G-Engineering	G-Design	50-247/1998008
11-No procedure / r	G-Engineering	G-Design	50-247/1998008
12-Procedure techni	G-Engineering	G-Design	50-247/1998008
12-Procedure techni	G-Engineering	G-Design	50-247/1998008
12-Procedure techni	G-Engineering	G-Design	50-247/1998008
12-Procedure techni	G-Engineering	G-Design	50-247/1998008
11-No procedure / r	Z-Other	Z-Other	50-247/1998008
12-Procedure techni	G-Engineering	G-Design	50-247/1998008
12-Procedure techni	G-Engineering	G-Design	50-247/1998008
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-247/1998009
13-Procedure has hu	B-Plant Management	Z-Other	50-247/1998009
12-Procedure techni	G-Engineering	G-Design	50-247/1998009
12-Procedure techni	G-Engineering	G-Design	50-247/1998009
12-Procedure techni	P-Procedure Writers	G-Design	50-247/1998009
11-No procedure / r	G-Engineering	G-Design	50-247/1998009
13-Procedure has hu	G-Engineering	G-Design	50-247/1998009

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Total Number of Hits in Date Range: 358
From 01/01/1998 to 12/31/1998
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Details	Department	Work Type	Docket/Report
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Procedures and Reference Document IR

Number of items: 69

Percent of Total: 19.27

12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-247/1998009
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-247/1998009
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-247/1998010
12-Procedure techni	G-Engineering	G-Design	50-247/1998010
13-Procedure has hu	G-Engineering	G-Design	50-247/1998011
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-247/1998012
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-247/1998012
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-247/1998012
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-247/1998012
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-247/1998012
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-247/1998016
12-Procedure techni	G-Engineering	G-Design	50-247/1998201
11-No procedure / r	G-Engineering	G-Design	50-247/1998201
13-Procedure has hu	G-Engineering	G-Design	50-247/1998201
12-Procedure techni	G-Engineering	G-Design	50-247/1998201
12-Procedure techni	G-Engineering	G-Design	50-247/1998201
12-Procedure techni	G-Engineering	G-Design	50-247/1998201
12-Procedure techni	G-Engineering	G-Design	50-247/1998201
12-Procedure techni	G-Engineering	G-Design	50-247/1998201
12-Procedure techni	G-Engineering	G-Design	50-247/1998201

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: .84

12-Procedure techni	I-Instrumentation & M-Maint / Repair	50-247/199800201
12-Procedure techni	I-Instrumentation & F-Modification	50-247/199800201
11-No procedure / r	I-Instrumentation & S-Surveillance	50-247/199800201

Training IR

Number of items: 12

Percent of total: 3.35

05-Individual knowl	G-Engineering	Z-Other	50-247/1997013
05-Individual knowl	G-Engineering	G-Design	50-247/1997015
05-Individual knowl	O-Operations	T-Testing	50-247/1998001
02-Training LTA	T-Training	Q-Fire Protection	50-247/1998001
03-Training process	T-Training	G-Design	50-247/1998003

02-Training LTA	T-Training	H-Health Physics	50-247/1998003
02-Training LTA	B-Plant Management	A-Administrative	50-247/1998005
05-Individual knowl	O-Operations	O-Control Room Ops	50-247/1998005
05-Individual knowl	O-Operations	O-Control Room Ops	50-247/1998005
02-Training LTA	T-Training	O-Control Room Ops	50-247/1998005
05-Individual knowl	O-Operations	V-Troubleshooting	50-247/1998005
05-Individual knowl	O-Operations	O-Control Room Ops	50-247/1998012

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: 169
 Percent of total: 47.21
 81-Work Package Qua W-Work Control / Sc M-Maint / Repair 50-247/1997013
 Page: 5 Date:01/13/1999

Combined IR/ER/LER Report
 Docket: 50-247 INDIAN POINT 2

Total Number of Hits in Date Range: 358
 From 01/01/1998 to 12/31/1998
 2x National Average: 255

Details	Department	Work Type	Docket/Report
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Work Factors IR			
Number of items: 169			
Percent of Total: 47.21			
81-Work Package Qua	G-Engineering	Z-Other	50-247/1997013
83-Work practice or	E-Electrical	M-Maint / Repair	50-247/1997013
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-247/1997015
93-Awareness or att	I-Instrumentation &	V-Troubleshooting	50-247/1997015
86-Work untimely	I-Instrumentation &	A-Administrative	50-247/1997015
83-Work practice or	I-Instrumentation &	V-Troubleshooting	50-247/1997015
83-Work practice or	I-Instrumentation &	V-Troubleshooting	50-247/1997015
83-Work practice or	I-Instrumentation &	V-Troubleshooting	50-247/1997015
83-Work practice or	I-Instrumentation &	V-Troubleshooting	50-247/1997015
83-Work practice or	M-Mechanical	M-Maint / Repair	50-247/1997015
83-Work practice or	M-Mechanical	T-Testing	50-247/1997015
83-Work practice or	M-Mechanical	T-Testing	50-247/1997015
93-Awareness or att	G-Engineering	G-Design	50-247/1997015
93-Awareness or att	G-Engineering	G-Design	50-247/1997015
93-Awareness or att	G-Engineering	G-Design	50-247/1997015
83-Work practice or	G-Engineering	G-Design	50-247/1997015
94-Log-keeping or r	O-Operations	A-Administrative	50-247/1998001
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-247/1998001
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-247/1998001
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-247/1998001
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-247/1998001
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-247/1998001
88-Tag outs LTA	W-Work Control / Sc	M-Maint / Repair	50-247/1998001
93-Awareness or att	M-Mechanical	K-Housekeeping	50-247/1998001
83-Work practice or	G-Engineering	F-Modification	50-247/1998001
81-Work Package Qua	G-Engineering	F-Modification	50-247/1998001
87-Non-conservative	M-Mechanical	Q-Fire Protection	50-247/1998001
83-Work practice or	O-Operations	Q-Fire Protection	50-247/1998001
88-Tag outs LTA	O-Operations	V-Troubleshooting	50-247/1998002
93-Awareness or att	W-Work Control / Sc	A-Administrative	50-247/1998002
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-247/1998002
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-247/1998002
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-247/1998002
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-247/1998002
85-Team interaction	O-Operations	A-Administrative	50-247/1998002
93-Awareness or att	Z-Other	Z-Other	50-247/1998002
83-Work practice or	Z-Other	Z-Other	50-247/1998002
83-Work practice or	H-Health Physics	H-Health Physics	50-247/1998002
83-Work practice or	P-Procedure Writers	P-Procedure Dev	50-247/1998002
87-Non-conservative	E-Electrical	Q-Fire Protection	50-247/1998002
83-Work practice or	O-Operations	V-Troubleshooting	50-247/1998003
93-Awareness or att	G-Engineering	G-Design	50-247/1998003
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-247/1998003
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-247/1998003
92-Self check LTA	E-Electrical	F-Modification	50-247/1998003
91-Verification / p	E-Electrical	F-Modification	50-247/1998003
92-Self check LTA	E-Electrical	F-Modification	50-247/1998003
91-Verification / p	E-Electrical	F-Modification	50-247/1998003

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83-Work practice or Q-QA/QC M-Maint / Repair 50-247/1998003
 81-Work Package Qua G-Engineering G-Design 50-247/1998003
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Total Number of Hits in Date Range: 358
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Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 169			
Percent of Total: 47.21			
84-Non-conserv. dec	G-Engineering	F-Modification	50-247/1998003
84-Non-conserv. dec	G-Engineering	F-Modification	50-247/1998003
93-Awareness or att	G-Engineering	G-Design	50-247/1998003
93-Awareness or att	H-Health Physics	A-Administrative	50-247/1998003
83-Work practice or	U-Unknown	H-Health Physics	50-247/1998003
84-Non-conserv. dec	Z-Other	H-Health Physics	50-247/1998003
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-247/1998004
83-Work practice or	G-Engineering	G-Design	50-247/1998004
93-Awareness or att	G-Engineering	M-Maint / Repair	50-247/1998004
81-Work Package Qua	G-Engineering	G-Design	50-247/1998004
93-Awareness or att	G-Engineering	A-Administrative	50-247/1998004
93-Awareness or att	T-Training	A-Administrative	50-247/1998004
83-Work practice or	H-Health Physics	H-Health Physics	50-247/1998004
86-Work untimely	Z-Other	Z-Other	50-247/1998004
93-Awareness or att	Z-Other	A-Administrative	50-247/1998004
85-Team interaction	B-Plant Management	O-Control Room Ops	50-247/1998005
83-Work practice or	O-Operations	O-Control Room Ops	50-247/1998005
83-Work practice or	O-Operations	O-Control Room Ops	50-247/1998005
93-Awareness or att	O-Operations	O-Control Room Ops	50-247/1998005
89-Housekeeping LTA	O-Operations	K-Housekeeping	50-247/1998005
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-247/1998005
83-Work practice or	O-Operations	O-Control Room Ops	50-247/1998005
83-Work practice or	O-Operations	V-Troubleshooting	50-247/1998005
86-Work untimely	P-Procedure Writers	P-Procedure Dev	50-247/1998005
93-Awareness or att	E-Electrical	M-Maint / Repair	50-247/1998005
93-Awareness or att	O-Operations	A-Administrative	50-247/1998005
93-Awareness or att	W-Work Control / Sc	A-Administrative	50-247/1998005
85-Team interaction	O-Operations	V-Troubleshooting	50-247/1998005
85-Team interaction	M-Mechanical	V-Troubleshooting	50-247/1998005
86-Work untimely	G-Engineering	V-Troubleshooting	50-247/1998005
84-Non-conserv. dec	I-Instrumentation &	S-Surveillance	50-247/1998005
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-247/1998005
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-247/1998005
93-Awareness or att	W-Work Control / Sc	A-Administrative	50-247/1998005
89-Housekeeping LTA	M-Mechanical	M-Maint / Repair	50-247/1998005
81-Work Package Qua	G-Engineering	G-Design	50-247/1998005
86-Work untimely	G-Engineering	G-Design	50-247/1998005
85-Team interaction	Q-QA/QC	Z-Other	50-247/1998005
83-Work practice or	G-Engineering	G-Design	50-247/1998008
81-Work Package Qua	G-Engineering	G-Design	50-247/1998008
83-Work practice or	G-Engineering	G-Design	50-247/1998008
83-Work practice or	G-Engineering	G-Design	50-247/1998008
83-Work practice or	G-Engineering	G-Design	50-247/1998008
83-Work practice or	G-Engineering	G-Design	50-247/1998008
83-Work practice or	G-Engineering	G-Design	50-247/1998008
83-Work practice or	G-Engineering	G-Design	50-247/1998008
83-Work practice or	G-Engineering	G-Design	50-247/1998008
83-Work practice or	Z-Other	G-Design	50-247/1998008
83-Work practice or	G-Engineering	P-Procedure Dev	50-247/1998008

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Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 169			
Percent of Total: 47.21			
83-Work practice or	G-Engineering	G-Design	50-247/1998008

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83-Work practice or	G-Engineering	G-Design	50-247/1998008
83-Work practice or	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
83-Work practice or	G-Engineering	F-Modification	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
84-Non-conserv. dec	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
93-Awareness or att	G-Engineering	G-Design	50-247/1998008
84-Non-conserv. dec	I-Instrumentation &	C-Calibration	50-247/1998008
93-Awareness or att	G-Engineering	A-Administrative	50-247/1998008
93-Awareness or att	G-Engineering	P-Procedure Dev	50-247/1998008
82-Briefing, prep.	O-Operations	T-Testing	50-247/1998009
93-Awareness or att	O-Operations	A-Administrative	50-247/1998009
81-Work Package Qua	G-Engineering	G-Design	50-247/1998009
81-Work Package Qua	G-Engineering	G-Design	50-247/1998010
81-Work Package Qua	G-Engineering	G-Design	50-247/1998010
81-Work Package Qua	G-Engineering	G-Design	50-247/1998010
83-Work practice or	G-Engineering	G-Design	50-247/1998011
83-Work practice or	G-Engineering	G-Design	50-247/1998011
83-Work practice or	G-Engineering	G-Design	50-247/1998011
83-Work practice or	G-Engineering	G-Design	50-247/1998011
83-Work practice or	G-Engineering	G-Design	50-247/1998011
83-Work practice or	G-Engineering	G-Design	50-247/1998011
83-Work practice or	G-Engineering	G-Design	50-247/1998011
93-Awareness or att	G-Engineering	G-Design	50-247/1998011
93-Awareness or att	G-Engineering	G-Design	50-247/1998011
82-Briefing, prep.	O-Operations	B-Bal of Plant Ops	50-247/1998012
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-247/1998012
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-247/1998012
91-Verification / p	O-Operations	O-Control Room Ops	50-247/1998012
84-Non-conserv. dec	O-Operations	M-Maint / Repair	50-247/1998012
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-247/1998012
92-Self check LTA	O-Operations	O-Control Room Ops	50-247/1998012
92-Self check LTA	O-Operations	O-Control Room Ops	50-247/1998012
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-247/1998012
85-Team interaction	O-Operations	B-Bal of Plant Ops	50-247/1998012

Page: 8 Date:01/13/1999

Combined IR/ER/LER Report

Docket: 50-247 INDIAN POINT 2

Total Number of Hits in Date Range: 358

From 01/01/1998 to 12/31/1998

2x National Average: 255

Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 169			
Percent of Total: 47.21			
85-Team interaction	I-Instrumentation &	B-Bal of Plant Ops	50-247/1998012
82-Briefing, prep.	O-Operations	B-Bal of Plant Ops	50-247/1998012
94-Log-keeping or r	O-Operations	B-Bal of Plant Ops	50-247/1998012
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-247/1998012
83-Work practice or	O-Operations	A-Administrative	50-247/1998012
83-Work practice or	G-Engineering	G-Design	50-247/1998201
83-Work practice or	G-Engineering	G-Design	50-247/1998201
81-Work Package Qua	G-Engineering	F-Modification	50-247/1998201
93-Awareness or att	G-Engineering	A-Administrative	50-247/1998201
83-Work practice or	G-Engineering	A-Administrative	50-247/1998201
83-Work practice or	G-Engineering	G-Design	50-247/1998201
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-247/1998201
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-247/1998201
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-247/1998201
83-Work practice or	M-Mechanical	M-Maint / Repair	50-247/1998201
83-Work practice or	E-Electrical	M-Maint / Repair	50-247/1998201
83-Work practice or	G-Engineering	A-Administrative	50-247/1998201
81-Work Package Qua	G-Engineering	G-Design	50-247/1998201

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

Work Factors LER
Number of items: 3
Percent of total: .84

83-Work practice or	I-Instrumentation & M-Maint / Repair	50-247/199800201
92-Self check LTA	I-Instrumentation & M-Maint / Repair	50-247/199800201
84-Non-conserv. dec	P-Procedure Writers P-Procedure Dev	50-247/199801400

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[End of File for Plant Docket 247 (1998)]
