

1998 Human Factors Information System Report for Plant Docket 286

Combined IR/ER/LER Report
Docket: 50-286 INDIAN POINT 3

Total Number of Hits in Date Range: 154
From 01/01/1998 to 12/31/1998
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 5			
Percent of total: 3.25			
53-Communication LT	O-Operations	Z-Other	50-286/1997010
	O-Operations		
53-Communication LT	G-Engineering	V-Troubleshooting	50-286/1997081
	G-Engineering		
54-No communication	M-Mechanical	M-Maint / Repair	50-286/1998001
	M-Mechanical		
53-Communication LT	O-Operations	V-Troubleshooting	50-286/1998003
	O-Operations		
53-Communication LT	O-Operations	A-Administrative	50-286/1998004
	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: 0
Percent of total: 0

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

Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 27			
Percent of total: 17.53			
47-Root Cause LTA	O-Operations	Z-Other	50-286/1997010
40-Individual Corre	O-Operations	Z-Other	50-286/1997010
40-Individual Corre	E-Electrical	Z-Other	50-286/1997010
41-Action not begun	G-Engineering	Z-Other	50-286/1997010
36-Scheduling and p	W-Work Control / Sc	F-Modification	50-286/1997010
36-Scheduling and p	W-Work Control / Sc	M-Maint / Repair	50-286/1997011
32-Supervision / co	O-Operations	V-Troubleshooting	50-286/1997081
40-Individual Corre	O-Operations	Z-Other	50-286/1997081
34-Perceived pressu	E-Electrical	V-Troubleshooting	50-286/1997081
34-Perceived pressu	O-Operations	S-Surveillance	50-286/1998001
32-Supervision / co	O-Operations	O-Control Room Ops	50-286/1998001
41-Action not begun	E-Electrical	V-Troubleshooting	50-286/1998001
40-Individual Corre	G-Engineering	Z-Other	50-286/1998001
40-Individual Corre	G-Engineering	Z-Other	50-286/1998001

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 27			
Percent of Total: 17.53			
48-Audits or proble	Z-Other	Z-Other	50-286/1998001
40-Individual Corre	O-Operations	Z-Other	50-286/1998003

43-Operating Experi	G-Engineering	Z-Other	50-286/1998003
33-Management expec	O-Operations	O-Control Room Ops	50-286/1998004
33-Management expec	O-Operations	O-Control Room Ops	50-286/1998004
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-286/1998004
47-Root Cause LTA	G-Engineering	Z-Other	50-286/1998004
40-Individual Corre	O-Operations	Z-Other	50-286/1998005
40-Individual Corre	O-Operations	Z-Other	50-286/1998005
40-Individual Corre	O-Operations	Z-Other	50-286/1998005
40-Individual Corre	O-Operations	Z-Other	50-286/1998005
36-Scheduling and p	W-Work Control / Sc	F-Modification	50-286/1998005
40-Individual Corre	G-Engineering	G-Design	50-286/1998081

Management and Supervision ER

Number of items: 0

Percent of total: 0

Management and Supervision LER

Number of items: 1

Percent of total: .65

40-Individual Corre G-Engineering Z-Other 50-286/199800100

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: 21.43

12-Procedure techni	G-Engineering	G-Design	50-286/1997010
12-Procedure techni	G-Engineering	G-Design	50-286/1997010
12-Procedure techni	G-Engineering	G-Design	50-286/1997010
12-Procedure techni	G-Engineering	G-Design	50-286/1997010
12-Procedure techni	G-Engineering	G-Design	50-286/1997010
13-Procedure has hu	G-Engineering	G-Design	50-286/1997011
12-Procedure techni	G-Engineering	G-Design	50-286/1997011
13-Procedure has hu	G-Engineering	G-Design	50-286/1997011
13-Procedure has hu	G-Engineering	G-Design	50-286/1997011
12-Procedure techni	G-Engineering	G-Design	50-286/1997011
13-Procedure has hu	G-Engineering	G-Design	50-286/1998001
13-Procedure has hu	G-Engineering	G-Design	50-286/1998001

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Procedures and Reference Document IR

Number of items: 33

Percent of Total: 21.43

13-Procedure has hu	Z-Other	Z-Other	50-286/1998001
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-286/1998003
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-286/1998004
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-286/1998004
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-286/1998004
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-286/1998004
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-286/1998004
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-286/1998005
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-286/1998005
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-286/1998005
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-286/1998005
12-Procedure techni	G-Engineering	G-Design	50-286/1998080
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-286/1998081
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-286/1998081
12-Procedure techni	G-Engineering	G-Design	50-286/1998081
12-Procedure techni	G-Engineering	G-Design	50-286/1998081
12-Procedure techni	G-Engineering	G-Design	50-286/1998081
13-Procedure has hu	G-Engineering	G-Design	50-286/1998081
12-Procedure techni	G-Engineering	G-Design	50-286/1998081
12-Procedure techni	G-Engineering	G-Design	50-286/1998081

13-Procedure has hu G-Engineering G-Design 50-286/1998081

Procedures and Reference Document ER
 Number of items: 0
 Percent of total: 0

Procedures and Reference Document LER
 Number of items: 1
 Percent of total: .65

12-Procedure techni O-Operations G-Design 50-286/199800100

Training IR

Number of items: 5
 Percent of total: 3.25

05-Individual knowl	E-Electrical	V-Troubleshooting	50-286/1997081
05-Individual knowl	E-Electrical	V-Troubleshooting	50-286/1997081
05-Individual knowl	O-Operations	M-Maint / Repair	50-286/1998003
05-Individual knowl	O-Operations	M-Maint / Repair	50-286/1998003
03-Training process	T-Training	G-Design	50-286/1998081

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: 80
 Percent of total: 51.95

83-Work practice or G-Engineering G-Design 50-286/1997010
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Work Factors IR

Number of items: 80
 Percent of Total: 51.95

89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-286/1997010
89-Housekeeping LTA	U-Unknown	H-Health Physics	50-286/1997010
89-Housekeeping LTA	H-Health Physics	H-Health Physics	50-286/1997010
89-Housekeeping LTA	M-Mechanical	M-Maint / Repair	50-286/1997010
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-286/1997010
93-Awareness or att	O-Operations	P-Procedure Dev	50-286/1997010
83-Work practice or	O-Operations	P-Procedure Dev	50-286/1997010
83-Work practice or	A-Administrative Su	A-Administrative	50-286/1997010
85-Team interaction	O-Operations	F-Modification	50-286/1997010
83-Work practice or	G-Engineering	F-Modification	50-286/1997010
93-Awareness or att	W-Work Control / Sc	F-Modification	50-286/1997010
81-Work Package Qua	G-Engineering	A-Administrative	50-286/1997011
83-Work practice or	W-Work Control / Sc	A-Administrative	50-286/1997011
84-Non-conserv. dec	G-Engineering	T-Testing	50-286/1997011
83-Work practice or	G-Engineering	A-Administrative	50-286/1997011
84-Non-conserv. dec	O-Operations	A-Administrative	50-286/1997011
93-Awareness or att	I-Instrumentation &	C-Calibration	50-286/1997011
81-Work Package Qua	G-Engineering	G-Design	50-286/1997011
86-Work untimely	G-Engineering	A-Administrative	50-286/1997011
83-Work practice or	E-Electrical	V-Troubleshooting	50-286/1997081
83-Work practice or	E-Electrical	V-Troubleshooting	50-286/1997081
83-Work practice or	E-Electrical	V-Troubleshooting	50-286/1997081
83-Work practice or	O-Operations	A-Administrative	50-286/1997081
85-Team interaction	G-Engineering	V-Troubleshooting	50-286/1997081
83-Work practice or	O-Operations	S-Surveillance	50-286/1998001
91-Verification / p	O-Operations	S-Surveillance	50-286/1998001
85-Team interaction	I-Instrumentation &	S-Surveillance	50-286/1998001
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-286/1998001
83-Work practice or	G-Engineering	P-Procedure Dev	50-286/1998001
93-Awareness or att	G-Engineering	P-Procedure Dev	50-286/1998001
94-Log-keeping or r	O-Operations	O-Control Room Ops	50-286/1998001
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-286/1998001
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-286/1998001
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-286/1998001
83-Work practice or	G-Engineering	F-Modification	50-286/1998001
88-Tag outs LTA	W-Work Control / Sc	M-Maint / Repair	50-286/1998003

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93-Awareness or att	A-Administrative Su	A-Administrative	50-286/1998003
85-Team interaction	O-Operations	V-Troubleshooting	50-286/1998003
85-Team interaction	G-Engineering	V-Troubleshooting	50-286/1998003
85-Team interaction	M-Mechanical	V-Troubleshooting	50-286/1998003
83-Work practice or	M-Mechanical	M-Maint / Repair	50-286/1998003
93-Awareness or att	O-Operations	A-Administrative	50-286/1998003
93-Awareness or att	O-Operations	A-Administrative	50-286/1998003
93-Awareness or att	G-Engineering	A-Administrative	50-286/1998003
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-286/1998004
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-286/1998004
88-Tag outs LTA	O-Operations	A-Administrative	50-286/1998004
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-286/1998004
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-286/1998004
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-286/1998004

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Work Factors IR			
Number of items: 80			
Percent of Total: 51.95			
93-Awareness or att	O-Operations	A-Administrative	50-286/1998004
93-Awareness or att	Z-Other	M-Maint / Repair	50-286/1998005
81-Work Package Qua	G-Engineering	F-Modification	50-286/1998005
93-Awareness or att	W-Work Control / Sc	A-Administrative	50-286/1998005
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-286/1998005
81-Work Package Qua	G-Engineering	F-Modification	50-286/1998005
83-Work practice or	G-Engineering	F-Modification	50-286/1998005
84-Non-conserv. dec	I-Instrumentation &	T-Testing	50-286/1998005
83-Work practice or	G-Engineering	G-Design	50-286/1998080
83-Work practice or	G-Engineering	G-Design	50-286/1998080
83-Work practice or	G-Engineering	G-Design	50-286/1998080
83-Work practice or	G-Engineering	G-Design	50-286/1998080
81-Work Package Qua	G-Engineering	G-Design	50-286/1998080
86-Work untimely	G-Engineering	G-Design	50-286/1998080
81-Work Package Qua	G-Engineering	G-Design	50-286/1998080
93-Awareness or att	G-Engineering	G-Design	50-286/1998081
84-Non-conserv. dec	G-Engineering	G-Design	50-286/1998081
84-Non-conserv. dec	G-Engineering	G-Design	50-286/1998081
84-Non-conserv. dec	G-Engineering	G-Design	50-286/1998081
83-Work practice or	G-Engineering	G-Design	50-286/1998081
81-Work Package Qua	G-Engineering	G-Design	50-286/1998081
81-Work Package Qua	G-Engineering	G-Design	50-286/1998081
81-Work Package Qua	G-Engineering	G-Design	50-286/1998081
81-Work Package Qua	G-Engineering	G-Design	50-286/1998081
93-Awareness or att	G-Engineering	G-Design	50-286/1998081
93-Awareness or att	G-Engineering	G-Design	50-286/1998081
83-Work practice or	G-Engineering	G-Design	50-286/1998081
93-Awareness or att	G-Engineering	G-Design	50-286/1998081
93-Awareness or att	G-Engineering	A-Administrative	50-286/1998081

Work Factors ER
Number of items: 0
Percent of total: 0Work Factors LER
Number of items: 2
Percent of total: 1.3
92-Self check LTA Z-Other Z-Other 50-286/199800300
91-Verification / p G-Engineering F-Modification 50-286/199800300
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