

# 1999 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: 150  
From 01/01/1999 to 12/31/1999  
2x National Average: 226

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 5			
Percent of total: 3.33			
52-Communication un	M-Mechanical	T-Testing	50-286/1999001
	M-Mechanical		
54-No communication	G-Engineering	T-Testing	50-286/1999001
	G-Engineering		
54-No communication	O-Operations	O-Control Room Ops	50-286/1999002
	O-Operations		
51-Misunderstood /	O-Operations	Z-Other	50-286/1999007
	O-Operations		
51-Misunderstood /	O-Operations	Z-Other	50-286/1999007
	O-Operations		
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 4			
Percent of total: 2.67			
53-Communication LT	G-Engineering	M-Maint / Repair	50-286/199900400
	G-Engineering		
51-Misunderstood /	W-Work Control / Sc	M-Maint / Repair	50-286/199901100
	W-Work Control / Sc		
51-Misunderstood /	W-Work Control / Sc	M-Maint / Repair	50-286/199901100
	W-Work Control / Sc		
51-Misunderstood /	M-Mechanical	M-Maint / Repair	50-286/199901100
	M-Mechanical		
Human-System Interface and Environm IR			
Number of items: 1			
Percent of total: .67			
67-Function LTA (ac	O-Operations	B-Bal of Plant Ops	50-286/1999007
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: .67			
63-Size, shape or c	I-Instrumentation &	T-Testing	50-286/199901300
Management and Supervision IR			
Number of items: 27			
Percent of total: 18.			
41-Action not begun	G-Engineering	Z-Other	50-286/1998009
44-Corrective Actio	G-Engineering	Z-Other	50-286/1998009
47-Root Cause LTA	G-Engineering	Z-Other	50-286/1998009
40-Individual Corre	W-Work Control / Sc	Z-Other	50-286/1998010

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Management and Supervision IR			
Number of items: 27			
Percent of Total: 18.			
40-Individual Corre	O-Operations	Z-Other	50-286/1998010
32-Supervision / co	O-Operations	V-Troubleshooting	50-286/1999001

47-Root Cause LTA	O-Operations	V-Troubleshooting	50-286/1999001
42-No action planne	O-Operations	Z-Other	50-286/1999001
47-Root Cause LTA	O-Operations	Z-Other	50-286/1999001
40-Individual Corre	O-Operations	Z-Other	50-286/1999001
36-Scheduling and p	W-Work Control / Sc	F-Modification	50-286/1999001
36-Scheduling and p	M-Mechanical	M-Maint / Repair	50-286/1999001
48-Audits or proble	M-Mechanical	Z-Other	50-286/1999001
33-Management expec	I-Instrumentation &	C-Calibration	50-286/1999001
47-Root Cause LTA	G-Engineering	Z-Other	50-286/1999001
47-Root Cause LTA	G-Engineering	Z-Other	50-286/1999001
47-Root Cause LTA	G-Engineering	Z-Other	50-286/1999001
43-Operating Experi	G-Engineering	Z-Other	50-286/1999002
40-Individual Corre	O-Operations	Z-Other	50-286/1999002
41-Action not begun	O-Operations	Z-Other	50-286/1999007
47-Root Cause LTA	G-Engineering	Z-Other	50-286/1999007
47-Root Cause LTA	G-Engineering	Z-Other	50-286/1999007
47-Root Cause LTA	G-Engineering	Z-Other	50-286/1999007
41-Action not begun	G-Engineering	Z-Other	50-286/1999007
41-Action not begun	G-Engineering	Z-Other	50-286/1999008
36-Scheduling and p	H-Health Physics	M-Maint / Repair	50-286/1999008
40-Individual Corre	H-Health Physics	Z-Other	50-286/1999008

## Management and Supervision ER

Number of items: 0  
Percent of total: 0

## Management and Supervision LER

Number of items: 0  
Percent of total: 0

## Organizational Issues IR

Number of items: 1  
Percent of total: .67

28-Frequent use of	Z-Other	Z-Other	50-286/1999008
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## 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: 28  
Percent of total: 18.67

13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-286/1998009
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-286/1998009
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## Procedures and Reference Document IR

Number of items: 28  
Percent of Total: 18.67

13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-286/1998009
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-286/1998009
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-286/1998009
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-286/1998009
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-286/1998009
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-286/1998009
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-286/1998009
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-286/1998009
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-286/1998010
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-286/1998010
12-Procedure techni	G-Engineering	G-Design	50-286/1998010
13-Procedure has hu	H-Health Physics	H-Health Physics	50-286/1998010
13-Procedure has hu	H-Health Physics	H-Health Physics	50-286/1998010
14-Document develop	P-Procedure Writers	P-Procedure Dev	50-286/1999001
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-286/1999002
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-286/1999007
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-286/1999007
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-286/1999007
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-286/1999007
13-Procedure has hu	G-Engineering	G-Design	50-286/1999007

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13-Procedure has hu	G-Engineering	G-Design	50-286/1999007
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-286/1999008
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-286/1999008
11-No procedure / r	P-Procedure Writers	P-Procedure Dev	50-286/1999008
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-286/1999008
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-286/1999008

## Procedures and Reference Document ER

Number of items: 0  
Percent of total: 0

## Procedures and Reference Document LER

12-Procedure techni	M-Mechanical	P-Procedure Dev	50-286/199900100
11-No procedure / r	G-Engineering	M-Maint / Repair	50-286/199900400
12-Procedure techni	E-Electrical	P-Procedure Dev	50-286/199900500
13-Procedure has hu	W-Work Control / Sc	M-Maint / Repair	50-286/199901100

## Training IR

06-Simulator fideli	T-Training	Z-Other	50-286/1998009
05-Individual knowl	O-Operations	Z-Other	50-286/1998009
05-Individual knowl	O-Operations	Z-Other	50-286/1998009
02-Training LTA	T-Training	Z-Other	50-286/1998009
05-Individual knowl	O-Operations	Z-Other	50-286/1998009
06-Simulator fideli	T-Training	D-Emergency Drill	50-286/1998009
04-Task Qualificati	O-Operations	Z-Other	50-286/1999007
05-Individual knowl	O-Operations	O-Control Room Ops	50-286/1999007

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## Training IR

05-Individual knowl	M-Mechanical	M-Maint / Repair	50-286/1999008
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## Training ER

Number of items: 0  
Percent of total: 0

## Training LER

Number of items: 0  
Percent of total: 0

## Work Factors IR

91-Verification / p	O-Operations	B-Bal of Plant Ops	50-286/1998009
85-Team interaction	O-Operations	H-Health Physics	50-286/1998009
85-Team interaction	H-Health Physics	H-Health Physics	50-286/1998009
86-Work untimely	I-Instrumentation &	C-Calibration	50-286/1998009
84-Non-conserv. dec	T-Training	Z-Other	50-286/1998009
83-Work practice or	T-Training	Z-Other	50-286/1998009
84-Non-conserv. dec	O-Operations	Z-Other	50-286/1998009
84-Non-conserv. dec	O-Operations	Z-Other	50-286/1998009
89-Housekeeping LTA	U-Unknown	K-Housekeeping	50-286/1998009
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-286/1998009
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-286/1998009
85-Team interaction	E-Electrical	V-Troubleshooting	50-286/1998009
85-Team interaction	G-Engineering	V-Troubleshooting	50-286/1998009
82-Briefing, prep.	D-Emergency Plannin	D-Emergency Drill	50-286/1998009
84-Non-conserv. dec	O-Operations	D-Emergency Drill	50-286/1998009
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-286/1998010
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-286/1998010
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-286/1998010
84-Non-conserv. dec	O-Operations	Z-Other	50-286/1998010
84-Non-conserv. dec	O-Operations	Z-Other	50-286/1998010
93-Awareness or att	O-Operations	B-Bal of Plant Ops	50-286/1998010
84-Non-conserv. dec	G-Engineering	G-Design	50-286/1998010
93-Awareness or att	G-Engineering	A-Administrative	50-286/1998010
93-Awareness or att	Q-QA/QC	Z-Other	50-286/1998010
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-286/1998010

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83-Work practice or	M-Mechanical	M-Maint / Repair	50-286/1998010
83-Work practice or	M-Mechanical	M-Maint / Repair	50-286/1998010
93-Awareness or att	H-Health Physics	A-Administrative	50-286/1998010
93-Awareness or att	H-Health Physics	A-Administrative	50-286/1998010
86-Work untimely	O-Operations	V-Troubleshooting	50-286/1999001
85-Team interaction	M-Mechanical	T-Testing	50-286/1999001
91-Verification / p	G-Engineering	Z-Other	50-286/1999001
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-286/1999002
85-Team interaction	G-Engineering	O-Control Room Ops	50-286/1999002
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-286/1999002
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-286/1999002
85-Team interaction	O-Operations	Z-Other	50-286/1999002

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## Work Factors IR

Number of items: 62

Percent of Total: 41.33

81-Work Package Qua	G-Engineering	Z-Other	50-286/1999002
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-286/1999002
93-Awareness or att	O-Operations	O-Control Room Ops	50-286/1999007
93-Awareness or att	O-Operations	O-Control Room Ops	50-286/1999007
85-Team interaction	O-Operations	Z-Other	50-286/1999007
85-Team interaction	O-Operations	Z-Other	50-286/1999007
82-Briefing, prep.	O-Operations	Z-Other	50-286/1999007
83-Work practice or	O-Operations	A-Administrative	50-286/1999007
85-Team interaction	W-Work Control / Sc	T-Testing	50-286/1999007
85-Team interaction	G-Engineering	T-Testing	50-286/1999007
85-Team interaction	G-Engineering	T-Testing	50-286/1999007
93-Awareness or att	G-Engineering	G-Design	50-286/1999007
91-Verification / p	O-Operations	P-Procedure Dev	50-286/1999008
91-Verification / p	P-Procedure Writers	P-Procedure Dev	50-286/1999008
93-Awareness or att	O-Operations	V-Troubleshooting	50-286/1999008
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-286/1999008
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-286/1999008
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-286/1999008
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-286/1999008
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-286/1999008
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-286/1999008
93-Awareness or att	G-Engineering	G-Design	50-286/1999008
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-286/1999008
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-286/1999008
84-Non-conserv. dec	G-Engineering	Z-Other	50-286/1999008

## Work Factors ER

Number of items: 0

Percent of total: 0

## Work Factors LER

Number of items: 8

Percent of total: 5.33

84-Non-conserv. dec	I-Instrumentation &	F-Modification	50-286/199900301
81-Work Package Qua	I-Instrumentation &	F-Modification	50-286/199900301
92-Self check LTA	G-Engineering	M-Maint / Repair	50-286/199900400
82-Briefing, prep.	M-Mechanical	M-Maint / Repair	50-286/199901100
93-Awareness or att	W-Work Control / Sc	M-Maint / Repair	50-286/199901100
93-Awareness or att	W-Work Control / Sc	M-Maint / Repair	50-286/199901100
93-Awareness or att	M-Mechanical	M-Maint / Repair	50-286/199901100
93-Awareness or att	I-Instrumentation &	T-Testing	50-286/199901300

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[End of File for Plant Docket 286 (1999)]