

1997 Human Factors Information System Report for Plant Docket 457

Combined IR/ER/LER Report
Docket: 50-457 BRAIDWOOD 2

Total Number of Hits in Date Range: 177
From 01/01/1997 to 12/31/1997
2x National Average: 213

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 6			
Percent of total: 3.39			
54-No communication	M-Mechanical	M-Maint / Repair	50-457/1996016
	M-Mechanical		
53-Communication LT	Z-Other	Q-Fire Protection	50-457/1996016
	Z-Other		
54-No communication	O-Operations	U-Unknown	50-457/1997003
54-No communication	T-Training	U-Unknown	50-457/1997003
55-Communication Eq	D-Emergency Plannin	D-Emergency Drill	50-457/1997009
	D-Emergency Plannin		
54-No communication	M-Mechanical	M-Maint / Repair	50-457/1997016
	M-Mechanical		
Communications ER			
Number of items: 0			
Percent of total: 0			
Communications LER			
Number of items: 2			
Percent of total: 1.13			
53-Communication LT	O-Operations	M-Maint / Repair	50-457/199700100
53-Communication LT	M-Mechanical	M-Maint / Repair	50-457/199700100
Human-System Interface and Environm IR			
Number of items: 2			
Percent of total: 1.13			
76-Postings LTA	H-Health Physics	H-Health Physics	50-457/1997016
76-Postings LTA	H-Health Physics	H-Health Physics	50-457/1997016
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: 30			
Percent of total: 16.95			
36-Scheduling and p	G-Engineering	A-Administrative	50-457/1996016
33-Management expec	B-Plant Management	T-Testing	50-457/1996016
32-Supervision / co	M-Mechanical	M-Maint / Repair	50-457/1996016
32-Supervision / co	G-Engineering	M-Maint / Repair	50-457/1996016
40-Individual Corre	G-Engineering	G-Design	50-457/1996016
44-Corrective Actio	Z-Other	Q-Fire Protection	50-457/1996016
41-Action not begun	B-Plant Management	U-Unknown	50-457/1996021
33-Management expec	H-Health Physics	U-Unknown	50-457/1996021
40-Individual Corre	B-Plant Management	M-Maint / Repair	50-457/1997002
40-Individual Corre	C-Chemistry	U-Unknown	50-457/1997003

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Details	Department	Work Type	Docket/Report
Management and Supervision IR			
Number of items: 30			
Percent of Total: 16.95			
33-Management expec	B-Plant Management	U-Unknown	50-457/1997003

42-No action planne	B-Plant Management	U-Unknown	50-457/1997003
41-Action not begun	O-Operations	Q-Fire Protection	50-457/1997005
41-Action not begun	G-Engineering	V-Troubleshooting	50-457/1997012
47-Root Cause LTA	G-Engineering	Z-Other	50-457/1997012
47-Root Cause LTA	G-Engineering	Z-Other	50-457/1997012
47-Root Cause LTA	G-Engineering	Z-Other	50-457/1997012
36-Scheduling and p	W-Work Control / Sc	S-Surveillance	50-457/1997012
48-Audits or proble	O-Operations	Z-Other	50-457/1997012
48-Audits or proble	G-Engineering	Z-Other	50-457/1997012
48-Audits or proble	M-Mechanical	Z-Other	50-457/1997012
40-Individual Corre	O-Operations	Z-Other	50-457/1997015
40-Individual Corre	O-Operations	Z-Other	50-457/1997016
41-Action not begun	Z-Other	Z-Other	50-457/1997016
40-Individual Corre	I-Instrumentation &	Z-Other	50-457/1997016
40-Individual Corre	E-Electrical	Z-Other	50-457/1997016
40-Individual Corre	M-Mechanical	Z-Other	50-457/1997016
33-Management expec	B-Plant Management	Z-Other	50-457/1997016
41-Action not begun	B-Plant Management	Q-Fire Protection	50-457/1997016
33-Management expec	B-Plant Management	Q-Fire Protection	50-457/1997016

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: 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: 21

Percent of total: 11.86

12-Procedure techni	G-Engineering	Q-Fire Protection	50-457/1996016
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-457/1996016
12-Procedure techni	E-Electrical	U-Unknown	50-457/1996019
12-Procedure techni	M-Mechanical	U-Unknown	50-457/1996019
14-Document develop	M-Mechanical	U-Unknown	50-457/1996021
12-Procedure techni	G-Engineering	B-Bal of Plant Ops	50-457/1997002

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Procedures and Reference Document IR

Number of items: 21

Percent of Total: 11.86

12-Procedure techni	G-Engineering	O-Control Room Ops	50-457/1997002
12-Procedure techni	G-Engineering	S-Surveillance	50-457/1997002
12-Procedure techni	C-Chemistry	U-Unknown	50-457/1997003
12-Procedure techni	C-Chemistry	U-Unknown	50-457/1997003
12-Procedure techni	C-Chemistry	U-Unknown	50-457/1997003
14-Document develop	O-Operations	P-Procedure Dev	50-457/1997005
12-Procedure techni	G-Engineering	S-Surveillance	50-457/1997005
12-Procedure techni	G-Engineering	G-Design	50-457/1997007
12-Procedure techni	G-Engineering	G-Design	50-457/1997009
12-Procedure techni	G-Engineering	G-Design	50-457/1997009
12-Procedure techni	G-Engineering	G-Design	50-457/1997012
12-Procedure techni	G-Engineering	G-Design	50-457/1997012
12-Procedure techni	G-Engineering	G-Design	50-457/1997012
12-Procedure techni	G-Engineering	G-Design	50-457/1997012
12-Procedure techni	G-Engineering	G-Design	50-457/1997012

Procedures and Reference Document ER

Number of items: 1

Percent of total: .56

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13-Procedure has hu	G-Engineering	G-Design	50-457/1997310
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Procedures and Reference Document LER
Number of items: 3
Percent of total: 1.69

11-No procedure / r	O-Operations	C-Calibration	50-457/199700400
13-Procedure has hu	M-Mechanical	C-Calibration	50-457/199700500
12-Procedure techni	M-Mechanical	C-Calibration	50-457/199700501

Training IR

Number of items: 10
Percent of total: 5.65

05-Individual knowl	G-Engineering	M-Maint / Repair	50-457/1996016
02-Training LTA	T-Training	Q-Fire Protection	50-457/1996016
03-Training process	T-Training	Q-Fire Protection	50-457/1996016
05-Individual knowl	O-Operations	U-Unknown	50-457/1996019
02-Training LTA	O-Operations	U-Unknown	50-457/1996021
05-Individual knowl	M-Mechanical	U-Unknown	50-457/1996021
05-Individual knowl	G-Engineering	U-Unknown	50-457/1996021
05-Individual knowl	G-Engineering	T-Testing	50-457/1997013
02-Training LTA	T-Training	O-Control Room Ops	50-457/1997014
05-Individual knowl	G-Engineering	G-Design	50-457/1997016

Training ER

Number of items: 5
Percent of total: 2.82

02-Training LTA	T-Training	Z-Other	50-457/1997310
02-Training LTA	T-Training	Z-Other	50-457/1997310
02-Training LTA	T-Training	Z-Other	50-457/1997310
02-Training LTA	T-Training	Z-Other	50-457/1997310
06-Simulator fideli	T-Training	Z-Other	50-457/1997310

Training LER

Number of items: 3
Percent of total: 1.69
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Training LER

Number of items: 3
Percent of Total: 1.69

02-Training LTA	O-Operations	M-Maint / Repair	50-457/199700100
02-Training LTA	M-Mechanical	M-Maint / Repair	50-457/199700100
02-Training LTA	M-Mechanical	C-Calibration	50-457/199700500

Work Factors IR

Number of items: 90
Percent of total: 50.85

83-Work practice or	M-Mechanical	M-Maint / Repair	50-457/1996016
87-Non-conservati	M-Mechanical	S-Surveillance	50-457/1996016
84-Non-conserv. dec	G-Engineering	G-Design	50-457/1996016
83-Work practice or	M-Mechanical	M-Maint / Repair	50-457/1996016
93-Awareness or att	G-Engineering	G-Design	50-457/1996016
83-Work practice or	O-Operations	U-Unknown	50-457/1996019
84-Non-conserv. dec	O-Operations	U-Unknown	50-457/1996019
84-Non-conserv. dec	E-Electrical	U-Unknown	50-457/1996019
87-Non-conservati	O-Operations	U-Unknown	50-457/1996019
81-Work Package Qua	M-Mechanical	U-Unknown	50-457/1996021
83-Work practice or	M-Mechanical	U-Unknown	50-457/1996021
87-Non-conservati	H-Health Physics	U-Unknown	50-457/1996021
81-Work Package Qua	H-Health Physics	U-Unknown	50-457/1996021
84-Non-conserv. dec	M-Mechanical	U-Unknown	50-457/1996021
87-Non-conservati	I-Instrumentation &	U-Unknown	50-457/1996021
87-Non-conservati	M-Mechanical	U-Unknown	50-457/1996021
87-Non-conservati	H-Health Physics	U-Unknown	50-457/1996021
87-Non-conservati	H-Health Physics	U-Unknown	50-457/1996021
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-457/1997002
84-Non-conserv. dec	Z-Other	M-Maint / Repair	50-457/1997002
84-Non-conserv. dec	Z-Other	M-Maint / Repair	50-457/1997002
83-Work practice or	U-Unknown	U-Unknown	50-457/1997002
83-Work practice or	H-Health Physics	H-Health Physics	50-457/1997002
87-Non-conservati	C-Chemistry	U-Unknown	50-457/1997003
87-Non-conservati	O-Operations	U-Unknown	50-457/1997003
87-Non-conservati	C-Chemistry	U-Unknown	50-457/1997003

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93-Awareness or att	O-Operations	O-Control Room Ops	50-457/1997005
84-Non-conserv. dec	O-Operations	U-Unknown	50-457/1997005
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-457/1997007
81-Work Package Qua	G-Engineering	G-Design	50-457/1997007
83-Work practice or	M-Mechanical	M-Maint / Repair	50-457/1997007
83-Work practice or	M-Mechanical	M-Maint / Repair	50-457/1997007
93-Awareness or att	M-Mechanical	T-Testing	50-457/1997007
87-Non-conservati	O-Operations	Q-Fire Protection	50-457/1997007
83-Work practice or	M-Mechanical	Q-Fire Protection	50-457/1997007
83-Work practice or	U-Unknown	Q-Fire Protection	50-457/1997007
81-Work Package Qua	G-Engineering	G-Design	50-457/1997009
84-Non-conserv. dec	G-Engineering	G-Design	50-457/1997009
83-Work practice or	U-Unknown	H-Health Physics	50-457/1997009
83-Work practice or	G-Engineering	G-Design	50-457/1997012
91-Verification / p	G-Engineering	Z-Other	50-457/1997012
91-Verification / p	G-Engineering	Z-Other	50-457/1997012
91-Verification / p	G-Engineering	Z-Other	50-457/1997012

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Work Factors IR			
Number of items: 90			
Percent of Total: 50.85			
91-Verification / p	G-Engineering	Z-Other	50-457/1997012
88-Tag outs LTA	O-Operations	M-Maint / Repair	50-457/1997012
81-Work Package Qua	G-Engineering	G-Design	50-457/1997012
93-Awareness or att	G-Engineering	S-Surveillance	50-457/1997012
93-Awareness or att	G-Engineering	S-Surveillance	50-457/1997012
83-Work practice or	O-Operations	S-Surveillance	50-457/1997012
91-Verification / p	O-Operations	A-Administrative	50-457/1997012
91-Verification / p	G-Engineering	A-Administrative	50-457/1997012
83-Work practice or	G-Engineering	S-Surveillance	50-457/1997012
83-Work practice or	G-Engineering	G-Design	50-457/1997012
83-Work practice or	G-Engineering	G-Design	50-457/1997012
83-Work practice or	G-Engineering	A-Administrative	50-457/1997012
84-Non-conserv. dec	G-Engineering	S-Surveillance	50-457/1997012
93-Awareness or att	G-Engineering	A-Administrative	50-457/1997012
93-Awareness or att	G-Engineering	A-Administrative	50-457/1997012
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-457/1997012
83-Work practice or	E-Electrical	M-Maint / Repair	50-457/1997012
84-Non-conserv. dec	B-Plant Management	A-Administrative	50-457/1997012
82-Briefing, prep.	M-Mechanical	M-Maint / Repair	50-457/1997013
84-Non-conserv. dec	G-Engineering	T-Testing	50-457/1997013
83-Work practice or	M-Mechanical	M-Maint / Repair	50-457/1997013
93-Awareness or att	Z-Other	Z-Other	50-457/1997013
83-Work practice or	M-Mechanical	M-Maint / Repair	50-457/1997013
83-Work practice or	O-Operations	A-Administrative	50-457/1997015
94-Log-keeping or r	O-Operations	B-Bal of Plant Ops	50-457/1997015
93-Awareness or att	G-Engineering	A-Administrative	50-457/1997015
93-Awareness or att	G-Engineering	A-Administrative	50-457/1997015
93-Awareness or att	G-Engineering	A-Administrative	50-457/1997015
83-Work practice or	M-Mechanical	A-Administrative	50-457/1997016
94-Log-keeping or r	M-Mechanical	M-Maint / Repair	50-457/1997016
81-Work Package Qua	W-Work Control / Sc	M-Maint / Repair	50-457/1997016
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-457/1997016
83-Work practice or	Z-Other	A-Administrative	50-457/1997016
83-Work practice or	Z-Other	A-Administrative	50-457/1997016
83-Work practice or	Z-Other	A-Administrative	50-457/1997016
83-Work practice or	I-Instrumentation &	M-Maint / Repair	50-457/1997016
83-Work practice or	E-Electrical	M-Maint / Repair	50-457/1997016
83-Work practice or	M-Mechanical	M-Maint / Repair	50-457/1997016
83-Work practice or	G-Engineering	G-Design	50-457/1997016
83-Work practice or	G-Engineering	G-Design	50-457/1997016
83-Work practice or	U-Unknown	H-Health Physics	50-457/1997016
83-Work practice or	U-Unknown	Q-Fire Protection	50-457/1997016
83-Work practice or	U-Unknown	Q-Fire Protection	50-457/1997016
83-Work practice or	U-Unknown	Q-Fire Protection	50-457/1997016
83-Work practice or	U-Unknown	Q-Fire Protection	50-457/1997016
83-Work practice or	U-Unknown	Q-Fire Protection	50-457/1997016
83-Work practice or	U-Unknown	Q-Fire Protection	50-457/1997016

Work Factors ER

Number of items: 1

Percent of total: .56

83-Work practice or T-Training

Z-Other

50-457/1997310

Work Factors LER

Number of items: 3

Percent of total: 1.69

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Work Factors LER

Number of items: 3

Percent of Total: 1.69

87-Non-conservati O-Operations M-Maint / Repair 50-457/199700100

87-Non-conservati M-Mechanical M-Maint / Repair 50-457/199700100

87-Non-conservati O-Operations C-Calibration 50-457/199700400

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