

1999 Human Factors Information System Report for Plant Docket 361

Combined IR/ER/LER Report
Docket: 50-361 SAN ONOFRE 2

Total Number of Hits in Date Range: 72
From 01/01/1999 to 12/31/1999
2x National Average: 226

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 0			
Percent of total: 0			
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: 1			
Percent of total: 1.39			
62-Information orga	O-Operations	Z-Other	50-361/1998302
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: 8			
Percent of total: 11.11			
41-Action not begun	G-Engineering	Z-Other	50-361/1998014
41-Action not begun	G-Engineering	Z-Other	50-361/1998014
47-Root Cause LTA	G-Engineering	Z-Other	50-361/1998018
40-Individual Corre	G-Engineering	Z-Other	50-361/1998019
32-Supervision / co	O-Operations	M-Maint / Repair	50-361/1999006
32-Supervision / co	O-Operations	M-Maint / Repair	50-361/1999006
40-Individual Corre	G-Engineering	Z-Other	50-361/1999009
43-Operating Exper	T-Training	Z-Other	50-361/1999010
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: 7			
Percent of total: 9.72			
12-Procedure techni	G-Engineering	G-Design	50-361/1998014
Page: 1	Date:03/17/2000		

Combined IR/ER/LER Report
Docket: 50-361 SAN ONOFRE 2

Total Number of Hits in Date Range: 72

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

Details	Department	Work Type	Docket/Report
Procedures and Reference Document IR			
Number of items: 7			
Percent of Total: 9.72			
13-Procedure has hu	G-Engineering	G-Design	50-361/1998014
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-361/1999001
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-361/1999009
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-361/1999009
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-361/1999009
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-361/1999009

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

Details	Department	Work Type	Docket/Report
Procedures and Reference Document LER			
Number of items: 2			
Percent of total: 2.78			
12-Procedure techni	E-Electrical	M-Maint / Repair	50-361/199900100
12-Procedure techni	E-Electrical	F-Modification	50-361/199900500

Details	Department	Work Type	Docket/Report
Training IR			
Number of items: 8			
Percent of total: 11.11			
02-Training LTA	T-Training	B-Bal of Plant Ops	50-361/1998018
02-Training LTA	T-Training	Z-Other	50-361/1998302
05-Individual knowl	O-Operations	O-Control Room Ops	50-361/1999001
05-Individual knowl	O-Operations	O-Control Room Ops	50-361/1999001
05-Individual knowl	O-Operations	P-Procedure Dev	50-361/1999001
05-Individual knowl	O-Operations	O-Control Room Ops	50-361/1999001
03-Training process	T-Training	A-Administrative	50-361/1999010
03-Training process	T-Training	Z-Other	50-361/1999010

Details	Department	Work Type	Docket/Report
Training ER			
Number of items: 1			
Percent of total: 1.39			
03-Training process	T-Training	Z-Other	50-361/1999301

Training LER
Number of items: 0
Percent of total: 0

Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 40			
Percent of total: 55.56			
83-Work practice or	G-Engineering	G-Design	50-361/1998014
83-Work practice or	G-Engineering	G-Design	50-361/1998014
84-Non-conserv. dec	G-Engineering	G-Design	50-361/1998014
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-361/1998018
83-Work practice or	O-Operations	B-Bal of Plant Ops	50-361/1998018
93-Awareness or att	M-Mechanical	V-Troubleshooting	50-361/1998019
91-Verification / p	O-Operations	B-Bal of Plant Ops	50-361/1998019
93-Awareness or att	G-Engineering	G-Design	50-361/1998019
92-Self check LTA	G-Engineering	G-Design	50-361/1998019

Page: 2 Date:03/17/2000

Combined IR/ER/LER Report
Docket: 50-361 SAN ONOFRE 2

Total Number of Hits in Date Range: 72
From 01/01/1999 to 12/31/1999
2x National Average: 226

Details	Department	Work Type	Docket/Report
Work Factors IR			
Number of items: 40			
Percent of Total: 55.56			
93-Awareness or att	I-Instrumentation &	S-Surveillance	50-361/1998019
83-Work practice or	G-Engineering	G-Design	50-361/1998019
93-Awareness or att	O-Operations	Z-Other	50-361/1998302
93-Awareness or att	O-Operations	Z-Other	50-361/1998302
84-Non-conserv. dec	O-Operations	Z-Other	50-361/1998302
84-Non-conserv. dec	O-Operations	Z-Other	50-361/1998302
93-Awareness or att	O-Operations	Z-Other	50-361/1998302
93-Awareness or att	O-Operations	Z-Other	50-361/1998302
93-Awareness or att	O-Operations	Z-Other	50-361/1998302
81-Work Package Qua	T-Training	Z-Other	50-361/1998302

81-Work Package Qua	T-Training	Z-Other	50-361/1998302
93-Awareness or att	T-Training	Z-Other	50-361/1998302
93-Awareness or att	T-Training	Z-Other	50-361/1998302
93-Awareness or att	T-Training	Z-Other	50-361/1998302
93-Awareness or att	T-Training	Z-Other	50-361/1998302
91-Verification / p	T-Training	Z-Other	50-361/1998302
93-Awareness or att	Z-Other	Z-Other	50-361/1998302
93-Awareness or att	M-Mechanical	K-Housekeeping	50-361/1999001
93-Awareness or att	M-Mechanical	K-Housekeeping	50-361/1999001
84-Non-conserv. dec	M-Mechanical	M-Maint / Repair	50-361/1999001
83-Work practice or	Z-Other	A-Administrative	50-361/1999001
91-Verification / p	Z-Other	Z-Other	50-361/1999001
86-Work untimely	O-Operations	D-Emergency Drill	50-361/1999009
93-Awareness or att	O-Operations	D-Emergency Drill	50-361/1999009
84-Non-conserv. dec	I-Instrumentation &	S-Surveillance	50-361/1999009
93-Awareness or att	G-Engineering	A-Administrative	50-361/1999009
93-Awareness or att	G-Engineering	A-Administrative	50-361/1999009
93-Awareness or att	G-Engineering	Z-Other	50-361/1999009
83-Work practice or	G-Engineering	G-Design	50-361/1999009
93-Awareness or att	G-Engineering	A-Administrative	50-361/1999009
84-Non-conserv. dec	T-Training	Z-Other	50-361/1999010

Work Factors ER

Number of items: 0
Percent of total: 0

Work Factors LER

Number of items: 5
Percent of total: 6.94

92-Self check LTA	E-Electrical	M-Maint / Repair	50-361/199900100
83-Work practice or	Z-Other	M-Maint / Repair	50-361/199900100
84-Non-conserv. dec	O-Operations	F-Modification	50-361/199900500
84-Non-conserv. dec	E-Electrical	F-Modification	50-361/199900500
81-Work Package Qua	E-Electrical	F-Modification	50-361/199900500

Page: 3 Date:03/17/2000

[End of File for Plant Docket 361 (1999)]
