

1998 Human Factors Information System Report for Plant Docket 529

Combined IR/ER/LER Report
Docket: 50-529 PALO VERDE 2

Total Number of Hits in Date Range: 61
From 01/01/1998 to 12/31/1998
2x National Average: 255

Details	Department	Work Type	Docket/Report
Communications IR			
Number of items: 4			
Percent of total: 6.56			
51-Misunderstood /	D-Emergency Plannin	D-Emergency Drill	50-529/1998004
	D-Emergency Plannin		
53-Communication LT	Z-Other	Z-Other	50-529/1998011
	Z-Other		
53-Communication LT	G-Engineering	F-Modification	50-529/1998011
	G-Engineering		
53-Communication LT	G-Engineering	V-Troubleshooting	50-529/1998014
	G-Engineering		
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: 1			
Percent of total: 1.64			
66-HSI does not exi	O-Operations	O-Control Room Ops	50-529/199800301
Management and Supervision IR			
Number of items: 11			
Percent of total: 18.03			
47-Root Cause LTA	G-Engineering	Z-Other	50-529/1998002
40-Individual Corre	D-Emergency Plannin	D-Emergency Drill	50-529/1998004
48-Audits or proble	D-Emergency Plannin	Z-Other	50-529/1998004
47-Root Cause LTA	G-Engineering	Z-Other	50-529/1998006
33-Management expec	O-Operations	B-Bal of Plant Ops	50-529/1998011
32-Supervision / co	O-Operations	B-Bal of Plant Ops	50-529/1998011
40-Individual Corre	H-Health Physics	A-Administrative	50-529/1998011
47-Root Cause LTA	O-Operations	Z-Other	50-529/1998012
41-Action not begun	O-Operations	Z-Other	50-529/1998012
40-Individual Corre	G-Engineering	Z-Other	50-529/1998014
40-Individual Corre	G-Engineering	Z-Other	50-529/1998014
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: 6

Percent of total: 9.84

13-Procedure has hu G-Engineering G-Design 50-529/1998002
 Page: 1 Date:01/13/1999

Combined IR/ER/LER Report

Docket: 50-529 PALO VERDE 2

Total Number of Hits in Date Range: 61

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

2x National Average: 255

Details	Department	Work Type	Docket/Report
---------	------------	-----------	---------------

Procedures and Reference Document IR

Number of items: 6

Percent of Total: 9.84

11-No procedure / r	D-Emergency Plannin	P-Procedure Dev	50-529/1998004
13-Procedure has hu	P-Procedure Writers	P-Procedure Dev	50-529/1998005
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-529/1998006
11-No procedure / r	G-Engineering	G-Design	50-529/1998006
12-Procedure techni	P-Procedure Writers	P-Procedure Dev	50-529/1998014

Procedures and Reference Document ER

Number of items: 0

Percent of total: 0

Procedures and Reference Document LER

Number of items: 2

Percent of total: 3.28

12-Procedure techni	O-Operations	S-Surveillance	50-529/199800200
12-Procedure techni	G-Engineering	T-Testing	50-529/199800400

Training IR

Number of items: 2

Percent of total: 3.28

05-Individual knowl	O-Operations	A-Administrative	50-529/1998002
05-Individual knowl	D-Emergency Plannin	D-Emergency Drill	50-529/1998004

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: 32

Percent of total: 52.46

91-Verification / p	O-Operations	B-Bal of Plant Ops	50-529/1997018
83-Work practice or	O-Operations	A-Administrative	50-529/1998002
94-Log-keeping or r	O-Operations	A-Administrative	50-529/1998002
94-Log-keeping or r	O-Operations	A-Administrative	50-529/1998002
83-Work practice or	E-Electrical	A-Administrative	50-529/1998002
81-Work Package Qua	G-Engineering	F-Modification	50-529/1998002
83-Work practice or	T-Training	Z-Other	50-529/1998002
93-Awareness or att	I-Instrumentation &	V-Troubleshooting	50-529/1998004
93-Awareness or att	I-Instrumentation &	V-Troubleshooting	50-529/1998004
83-Work practice or	U-Unknown	H-Health Physics	50-529/1998005
84-Non-conserv. dec	G-Engineering	Z-Other	50-529/1998006
84-Non-conserv. dec	G-Engineering	G-Design	50-529/1998007
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-529/1998011
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-529/1998011
94-Log-keeping or r	O-Operations	A-Administrative	50-529/1998011
82-Briefing, prep.	O-Operations	O-Control Room Ops	50-529/1998011
84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-529/1998011

Page: 2 Date:01/13/1999

Combined IR/ER/LER Report

Docket: 50-529 PALO VERDE 2

Total Number of Hits in Date Range: 61

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

2x National Average: 255

Details	Department	Work Type	Docket/Report
---------	------------	-----------	---------------

Work Factors IR

Number of items: 32

Percent of Total: 52.46

84-Non-conserv. dec	O-Operations	B-Bal of Plant Ops	50-529/1998011
85-Team interaction	O-Operations	B-Bal of Plant Ops	50-529/1998011
83-Work practice or	M-Mechanical	M-Maint / Repair	50-529/1998011
81-Work Package Qua	W-Work Control / Sc	F-Modification	50-529/1998011
86-Work untimely	O-Operations	A-Administrative	50-529/1998012
83-Work practice or	G-Engineering	Z-Other	50-529/1998012
84-Non-conserv. dec	O-Operations	O-Control Room Ops	50-529/1998014
81-Work Package Qua	G-Engineering	F-Modification	50-529/1998014
84-Non-conserv. dec	O-Operations	T-Testing	50-529/1998014
84-Non-conserv. dec	O-Operations	T-Testing	50-529/1998014
94-Log-keeping or r	O-Operations	A-Administrative	50-529/1998014
94-Log-keeping or r	O-Operations	A-Administrative	50-529/1998014
81-Work Package Qua	G-Engineering	G-Design	50-529/1998014
81-Work Package Qua	G-Engineering	G-Design	50-529/1998014
93-Awareness or att	G-Engineering	F-Modification	50-529/1998015

Work Factors ER

Number of items: 0

Percent of total: 0

Work Factors LER

Number of items: 3

Percent of total: 4.92

92-Self check LTA	C-Chemistry	T-Testing	50-529/199800100
93-Awareness or att	O-Operations	O-Control Room Ops	50-529/199800301
92-Self check LTA	G-Engineering	P-Procedure Dev	50-529/199800400

Page: 3

Date:01/13/1999

[End of File for Plant Docket 529 (1998)]