

**U.S. Nuclear Regulatory Commission
Human Factors Information System (HFIS)
IR/LER Category Analysis by Docket Report**

Total Number of Hits: 95

National Average: 43

2x National Average: 86

National Median: 21

Average for Selected Dockets: 95

Facility Name: Palo Verde 1 Docket (050- 00528)

Details	Department	Work Type	Docket/Report
Communications / IR			
53 - Communication LTA	F - Fuel Handling	V - Troubleshooting	050-00528/2004-011
53 - Communication LTA	F - Fuel Handling	V - Troubleshooting	050-00528/2004-011
53 - Communication LTA	O - Operations	A - Administrative	050-00528/2004-013
53 - Communication LTA	O - Operations	V - Troubleshooting	050-00528/2004-011
53 - Communication LTA	Z - Other	A - Administrative	050-00528/2004-013
54 - No communication	O - Operations	O - Control Room Ops	050-00528/2004-013
54 - No communication	Z - Other	O - Control Room Ops	050-00528/2004-013
Number of Items for this Docket: 7			
Percent of Total for this Docket: 7			

Management and Supervision / IR

32 - Supervision / command and control LTA	B - Plant Management	O - Control Room Ops	050-00528/2004-013
32 - Supervision / command and control LTA	E - Electrical	T - Testing	050-00528/2004-012
32 - Supervision / command and control LTA	O - Operations	O - Control Room Ops	050-00528/2004-013
33 - Management expectations or directions LTA	B - Plant Management	A - Administrative	050-00528/2004-003
33 - Management expectations or directions LTA	B - Plant Management	M - Maint / Repair	050-00528/2004-006
36 - Scheduling and planning LTA	W - Work Control / Scheduling Outage Pla	Q - Fire Protection	050-00528/2004-003
40 - Individual Corrective Action LTA	E - Electrical	M - Maint / Repair	050-00528/2004-002
40 - Individual Corrective Action LTA	F - Fuel Handling	M - Maint / Repair	050-00528/2004-011
40 - Individual Corrective Action LTA	F - Fuel Handling	R - Refueling	050-00528/2004-011
40 - Individual Corrective Action LTA	G - Engineering	M - Maint / Repair	050-00528/2004-004
40 - Individual Corrective Action LTA	I - Instrumentation & Control	S - Surveillance	050-00528/2004-003
41 - Action not begun or untimely	F - Fuel Handling	M - Maint / Repair	050-00528/2004-011
41 - Action not begun or untimely	F - Fuel Handling	R - Refueling	050-00528/2004-003
41 - Action not begun or untimely	G - Engineering	F - Modification	050-00528/2004-003
41 - Action not begun or untimely	G - Engineering	M - Maint / Repair	050-00528/2004-003
41 - Action not begun or untimely	G - Engineering	M - Maint / Repair	050-00528/2004-004
44 - Corrective Action program LTA	F - Fuel Handling	M - Maint / Repair	050-00528/2004-011
44 - Corrective Action program LTA	G - Engineering	A - Administrative	050-00528/2004-006
44 - Corrective Action program LTA	G - Engineering	G - Design	050-00528/2004-006
47 - Root Cause LTA	G - Engineering	M - Maint / Repair	050-00528/2004-003
47 - Root Cause LTA	G - Engineering	M - Maint / Repair	050-00528/2004-012
48 - Audits or problem identification LTA	G - Engineering	V - Troubleshooting	050-00528/2004-013

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Management and Supervision / IR			
48 - Audits or problem identification LTA	G - Engineering	V - Troubleshooting	050-00528/2004-013
48 - Audits or problem identification LTA	O - Operations	V - Troubleshooting	050-00528/2004-013
Number of Items for this Docket: 24			
Percent of Total for this Docket: 25			
Organizational Issues / IR			
21 - Staffing LTA	O - Operations	O - Control Room Ops	050-00528/2004-013
Number of Items for this Docket: 1			
Percent of Total for this Docket: 1			
Procedures and Reference Document / IR			
11 - No procedure / reference documents	H - Health Physics	H - Health Physics	050-00528/2004-003
12 - Procedure technical content LTA	O - Operations	O - Control Room Ops	050-00528/2004-013
12 - Procedure technical content LTA	O - Operations	O - Control Room Ops	050-00528/2004-013
12 - Procedure technical content LTA	P - Procedure Writers	P - Procedure Dev	050-00528/2004-004
13 - Procedure has human factors deficiencies	O - Operations	O - Control Room Ops	050-00528/2004-013
14 - Document develop. / maint. program LTA	P - Procedure Writers	P - Procedure Dev	050-00528/2003-005
Number of Items for this Docket: 6			
Percent of Total for this Docket: 6			
Training / IR			
02 - Training LTA	O - Operations	O - Control Room Ops	050-00528/2004-013
02 - Training LTA	T - Training	M - Maint / Repair	050-00528/2004-006
05 - Individual knowledge LTA	F - Fuel Handling	R - Refueling	050-00528/2004-011
05 - Individual knowledge LTA	F - Fuel Handling	R - Refueling	050-00528/2004-011
Number of Items for this Docket: 4			
Percent of Total for this Docket: 4			
Work Factors / IR			
81 - Work Package Quality LTA	M - Mechanical	M - Maint / Repair	050-00528/2004-013
83 - Work practice or craft skill LTA	D - Emergency Planning	D - Emergency Drill	050-00528/2004-002
83 - Work practice or craft skill LTA	D - Emergency Planning	F - Modification	050-00528/2004-002
83 - Work practice or craft skill LTA	E - Electrical	T - Testing	050-00528/2004-012
83 - Work practice or craft skill LTA	F - Fuel Handling	R - Refueling	050-00528/2004-011
83 - Work practice or craft skill LTA	F - Fuel Handling	R - Refueling	050-00528/2004-011
83 - Work practice or craft skill LTA	F - Fuel Handling	R - Refueling	050-00528/2004-011

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Work Factors / IR			
83 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00528/2004-003
83 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00528/2004-013
83 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00528/2004-013
83 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00528/2004-013
83 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00528/2004-013
83 - Work practice or craft skill LTA	U - Unknown	H - Health Physics	050-00528/2004-003
84 - Non-conserv. decision / Questioning LTA	F - Fuel Handling	R - Refueling	050-00528/2004-003
84 - Non-conserv. decision / Questioning LTA	G - Engineering	F - Modification	050-00528/2004-006
84 - Non-conserv. decision / Questioning LTA	G - Engineering	F - Modification	050-00528/2004-006
84 - Non-conserv. decision / Questioning LTA	G - Engineering	F - Modification	050-00528/2004-006
84 - Non-conserv. decision / Questioning LTA	G - Engineering	F - Modification	050-00528/2004-012
84 - Non-conserv. decision / Questioning LTA	G - Engineering	M - Maint / Repair	050-00528/2004-006
84 - Non-conserv. decision / Questioning LTA	O - Operations	M - Maint / Repair	050-00528/2004-006
84 - Non-conserv. decision / Questioning LTA	O - Operations	O - Control Room Ops	050-00528/2004-012
84 - Non-conserv. decision / Questioning LTA	O - Operations	S - Surveillance	050-00528/2003-005
84 - Non-conserv. decision / Questioning LTA	O - Operations	S - Surveillance	050-00528/2004-003
84 - Non-conserv. decision / Questioning LTA	T - Training	O - Control Room Ops	050-00528/2004-015
84 - Non-conserv. decision / Questioning LTA	T - Training	O - Control Room Ops	050-00528/2004-015
85 - Team interactions LTA	E - Electrical	Q - Fire Protection	050-00528/2004-003
85 - Team interactions LTA	E - Electrical	V - Troubleshooting	050-00528/2004-004
85 - Team interactions LTA	G - Engineering	V - Troubleshooting	050-00528/2004-004
85 - Team interactions LTA	M - Mechanical	Q - Fire Protection	050-00528/2004-003
85 - Team interactions LTA	O - Operations	O - Control Room Ops	050-00528/2004-012
86 - Work untimely	O - Operations	O - Control Room Ops	050-00528/2004-013
86 - Work untimely	O - Operations	O - Control Room Ops	050-00528/2004-013
86 - Work untimely	O - Operations	O - Control Room Ops	050-00528/2004-013
91 - Verification / plant tours LTA	F - Fuel Handling	R - Refueling	050-00528/2004-011
91 - Verification / plant tours LTA	F - Fuel Handling	R - Refueling	050-00528/2004-011
91 - Verification / plant tours LTA	F - Fuel Handling	R - Refueling	050-00528/2004-011
93 - Awareness or attention LTA	G - Engineering	V - Troubleshooting	050-00528/2004-013
94 - Log-keeping or review LTA	D - Emergency Planning	D - Emergency Drill	050-00528/2004-002
94 - Log-keeping or review LTA	D - Emergency Planning	D - Emergency Drill	050-00528/2004-002

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Work Factors / IR			
94 - Log-keeping or review LTA	D - Emergency Planning	D - Emergency Drill	050-00528/2004-002
94 - Log-keeping or review LTA	D - Emergency Planning	D - Emergency Drill	050-00528/2004-002
94 - Log-keeping or review LTA	O - Operations	O - Control Room Ops	050-00528/2004-013
Number of Items for this Docket: 42			
Percent of Total for this Docket: 44			
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Procedures and Reference Document / LER			
12 - Procedure technical content LTA	I - Instrumentation & Control	C - Calibration	050-00528/2004-004-00
12 - Procedure technical content LTA	M - Mechanical	M - Maint / Repair	050-00528/2004-008-00
13 - Procedure has human factors deficiencies	O - Operations	O - Control Room Ops	050-00528/2004-002-00
13 - Procedure has human factors deficiencies	O - Operations	O - Control Room Ops	050-00528/2004-002-00
Number of Items for this Docket: 4			
Percent of Total for this Docket: 4			
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Work Factors / LER			
83 - Work practice or craft skill LTA	G - Engineering	G - Design	050-00528/2004-007-00
83 - Work practice or craft skill LTA	M - Mechanical	M - Maint / Repair	050-00528/2004-008-00
84 - Non-conserv. decision / Questioning LTA	O - Operations	O - Control Room Ops	050-00528/2004-002-00
84 - Non-conserv. decision / Questioning LTA	P - Procedure Writers	P - Procedure Dev	050-00528/2004-005-00
91 - Verification / plant tours LTA	P - Procedure Writers	P - Procedure Dev	050-00528/2004-005-00
93 - Awareness or attention LTA	G - Engineering	P - Procedure Dev	050-00528/2004-004-00
93 - Awareness or attention LTA	P - Procedure Writers	P - Procedure Dev	050-00528/2004-004-00
Number of Items for this Docket: 7			
Percent of Total for this Docket: 7			
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Total Items for this Docket: 95			
