

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

Total Number of Hits: 94

National Average: 43

2x National Average: 86

National Median: 21

Average for Selected Dockets: 94

Facility Name: Palo Verde 3 Docket (050- 00530)

Details	Department	Work Type	Docket/Report
Communications / IR			
52 - Communication untimely	O - Operations	O - Control Room Ops	050-00530/2004-012
52 - Communication untimely	O - Operations	O - Control Room Ops	050-00530/2004-012
53 - Communication LTA	F - Fuel Handling	V - Troubleshooting	050-00530/2004-011
53 - Communication LTA	F - Fuel Handling	V - Troubleshooting	050-00530/2004-011
53 - Communication LTA	G - Engineering	A - Administrative	050-00530/2004-006
53 - Communication LTA	G - Engineering	A - Administrative	050-00530/2004-006
53 - Communication LTA	O - Operations	A - Administrative	050-00530/2004-013
53 - Communication LTA	O - Operations	V - Troubleshooting	050-00530/2004-011
53 - Communication LTA	Z - Other	A - Administrative	050-00530/2004-013
54 - No communication	O - Operations	O - Control Room Ops	050-00530/2004-013
54 - No communication	Z - Other	O - Control Room Ops	050-00530/2004-013

Number of Items for this Docket: 11**Percent of Total for this Docket: 12****Management and Supervision / IR**

32 - Supervision / command and control LTA	B - Plant Management	O - Control Room Ops	050-00530/2004-013
32 - Supervision / command and control LTA	E - Electrical	T - Testing	050-00530/2004-012
32 - Supervision / command and control LTA	O - Operations	O - Control Room Ops	050-00530/2004-013
33 - Management expectations or directions LTA	B - Plant Management	A - Administrative	050-00530/2004-003
33 - Management expectations or directions LTA	B - Plant Management	M - Maint / Repair	050-00530/2004-006
40 - Individual Corrective Action LTA	E - Electrical	M - Maint / Repair	050-00530/2004-002
40 - Individual Corrective Action LTA	F - Fuel Handling	M - Maint / Repair	050-00530/2004-011
40 - Individual Corrective Action LTA	F - Fuel Handling	R - Refueling	050-00530/2004-011
40 - Individual Corrective Action LTA	G - Engineering	M - Maint / Repair	050-00530/2004-004
40 - Individual Corrective Action LTA	I - Instrumentation & Control	S - Surveillance	050-00530/2004-003
41 - Action not begun or untimely	F - Fuel Handling	M - Maint / Repair	050-00530/2004-011
41 - Action not begun or untimely	G - Engineering	F - Modification	050-00530/2004-003
41 - Action not begun or untimely	G - Engineering	M - Maint / Repair	050-00530/2004-003
41 - Action not begun or untimely	G - Engineering	M - Maint / Repair	050-00530/2004-004
42 - No action planned	E - Electrical	M - Maint / Repair	050-00530/2004-013
44 - Corrective Action program LTA	F - Fuel Handling	M - Maint / Repair	050-00530/2004-011
44 - Corrective Action program LTA	G - Engineering	A - Administrative	050-00530/2004-006
44 - Corrective Action program LTA	G - Engineering	G - Design	050-00530/2004-006

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Details	Department	Work Type	Docket/Report
Management and Supervision / IR			
47 - Root Cause LTA	G - Engineering	M - Maint / Repair	050-00530/2004-003
48 - Audits or problem identification LTA	E - Electrical	T - Testing	050-00530/2004-013
48 - Audits or problem identification LTA	G - Engineering	B - Bal of Plant Ops	050-00530/2004-013
48 - Audits or problem identification LTA	G - Engineering	M - Maint / Repair	050-00530/2004-013
48 - Audits or problem identification LTA	O - Operations	V - Troubleshooting	050-00530/2004-013
Number of Items for this Docket: 23			
Percent of Total for this Docket: 24			
Organizational Issues / IR			
21 - Staffing LTA	O - Operations	O - Control Room Ops	050-00530/2004-013
Number of Items for this Docket: 1			
Percent of Total for this Docket: 1			
Procedures and Reference Document / IR			
12 - Procedure technical content LTA	G - Engineering	P - Procedure Dev	050-00530/2003-005
12 - Procedure technical content LTA	G - Engineering	P - Procedure Dev	050-00530/2003-005
12 - Procedure technical content LTA	O - Operations	O - Control Room Ops	050-00530/2004-013
12 - Procedure technical content LTA	O - Operations	O - Control Room Ops	050-00530/2004-013
12 - Procedure technical content LTA	O - Operations	P - Procedure Dev	050-00530/2004-013
13 - Procedure has human factors deficiencies	O - Operations	O - Control Room Ops	050-00530/2004-013
13 - Procedure has human factors deficiencies	P - Procedure Writers	P - Procedure Dev	050-00530/2004-012
14 - Document develop. / maint. program LTA	P - Procedure Writers	P - Procedure Dev	050-00530/2003-005
Number of Items for this Docket: 8			
Percent of Total for this Docket: 9			
Training / IR			
02 - Training LTA	T - Training	M - Maint / Repair	050-00530/2004-006
05 - Individual knowledge LTA	F - Fuel Handling	R - Refueling	050-00530/2004-011
05 - Individual knowledge LTA	F - Fuel Handling	R - Refueling	050-00530/2004-011
Number of Items for this Docket: 3			
Percent of Total for this Docket: 3			
Work Factors / IR			
81 - Work Package Quality LTA	G - Engineering	F - Modification	050-00530/2003-005
81 - Work Package Quality LTA	G - Engineering	F - Modification	050-00530/2004-003
81 - Work Package Quality LTA	M - Mechanical	M - Maint / Repair	050-00530/2004-013

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Facility Name: Palo Verde 3 Docket (050- 00530)

Details	Department	Work Type	Docket/Report
Work Factors / IR			
83 - Work practice or craft skill LTA	D - Emergency Planning	D - Emergency Drill	050-00530/2004-002
83 - Work practice or craft skill LTA	D - Emergency Planning	F - Modification	050-00530/2004-002
83 - Work practice or craft skill LTA	E - Electrical	M - Maint / Repair	050-00530/2004-013
83 - Work practice or craft skill LTA	E - Electrical	T - Testing	050-00530/2004-012
83 - Work practice or craft skill LTA	F - Fuel Handling	R - Refueling	050-00530/2004-011
83 - Work practice or craft skill LTA	F - Fuel Handling	R - Refueling	050-00530/2004-011
83 - Work practice or craft skill LTA	F - Fuel Handling	R - Refueling	050-00530/2004-011
83 - Work practice or craft skill LTA	M - Mechanical	F - Modification	050-00530/2004-013
83 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00530/2004-013
83 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00530/2004-013
83 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00530/2004-013
83 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00530/2004-013
84 - Non-conserv. decision / Questioning LTA	G - Engineering	F - Modification	050-00530/2004-006
84 - Non-conserv. decision / Questioning LTA	G - Engineering	F - Modification	050-00530/2004-006
84 - Non-conserv. decision / Questioning LTA	G - Engineering	F - Modification	050-00530/2004-006
84 - Non-conserv. decision / Questioning LTA	G - Engineering	M - Maint / Repair	050-00530/2004-006
84 - Non-conserv. decision / Questioning LTA	O - Operations	M - Maint / Repair	050-00530/2004-006
84 - Non-conserv. decision / Questioning LTA	O - Operations	S - Surveillance	050-00530/2003-005
84 - Non-conserv. decision / Questioning LTA	T - Training	O - Control Room Ops	050-00530/2004-015
84 - Non-conserv. decision / Questioning LTA	T - Training	O - Control Room Ops	050-00530/2004-015
85 - Team interactions LTA	E - Electrical	V - Troubleshooting	050-00530/2004-004
85 - Team interactions LTA	G - Engineering	V - Troubleshooting	050-00530/2004-004
86 - Work untimely	O - Operations	O - Control Room Ops	050-00530/2004-013
86 - Work untimely	O - Operations	O - Control Room Ops	050-00530/2004-013
86 - Work untimely	O - Operations	O - Control Room Ops	050-00530/2004-013
91 - Verification / plant tours LTA	F - Fuel Handling	R - Refueling	050-00530/2004-011
91 - Verification / plant tours LTA	F - Fuel Handling	R - Refueling	050-00530/2004-011
91 - Verification / plant tours LTA	F - Fuel Handling	R - Refueling	050-00530/2004-011
94 - Log-keeping or review LTA	D - Emergency Planning	D - Emergency Drill	050-00530/2004-002
94 - Log-keeping or review LTA	D - Emergency Planning	D - Emergency Drill	050-00530/2004-002
94 - Log-keeping or review LTA	D - Emergency Planning	D - Emergency Drill	050-00530/2004-002
94 - Log-keeping or review LTA	D - Emergency Planning	D - Emergency Drill	050-00530/2004-002

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Work Factors / IR			
94 - Log-keeping or review LTA	O - Operations	O - Control Room Ops	050-00530/2004-012
94 - Log-keeping or review LTA	O - Operations	O - Control Room Ops	050-00530/2004-013
94 - Log-keeping or review LTA	O - Operations	O - Control Room Ops	050-00530/2004-013
Number of Items for this Docket: 38			
Percent of Total for this Docket: 40			
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Human-System Interface and Environm / LER			
64 - Placement or location LTA	E - Electrical	T - Testing	050-00530/2004-003-00
65 - Information Content LTA	E - Electrical	T - Testing	050-00530/2004-003-00
Number of Items for this Docket: 2			
Percent of Total for this Docket: 2			
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Organizational Issues / LER			
22 - Poor Task Allocation	E - Electrical	T - Testing	050-00530/2004-003-00
Number of Items for this Docket: 1			
Percent of Total for this Docket: 1			
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Procedures and Reference Document / LER			
12 - Procedure technical content LTA	I - Instrumentation & Control	C - Calibration	050-00530/2004-004-00
Number of Items for this Docket: 1			
Percent of Total for this Docket: 1			
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Work Factors / LER			
82 - Briefing, prep. or turnover LTA	E - Electrical	T - Testing	050-00530/2004-003-00
84 - Non-conserv. decision / Questioning LTA	P - Procedure Writers	P - Procedure Dev	050-00530/2004-005-00
91 - Verification / plant tours LTA	P - Procedure Writers	P - Procedure Dev	050-00530/2004-005-00
92 - Self check LTA	E - Electrical	T - Testing	050-00530/2004-003-00
93 - Awareness or attention LTA	G - Engineering	P - Procedure Dev	050-00530/2004-004-00
93 - Awareness or attention LTA	P - Procedure Writers	P - Procedure Dev	050-00530/2004-004-00
Number of Items for this Docket: 6			
Percent of Total for this Docket: 6			
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Total Items for this Docket: 94			
