

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

Total Number of Hits: 121

National Average: 43

2x National Average: 86

National Median: 21

Average for Selected Dockets: 121

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**Facility Name: Palo Verde 2 Docket (050- 00529)**

Details	Department	Work Type	Docket/Report
<b>Communications / IR</b>			
53 - Communication LTA	F - Fuel Handling	M - Maint / Repair	050-00529/2003-009
53 - Communication LTA	F - Fuel Handling	V - Troubleshooting	050-00529/2004-011
53 - Communication LTA	F - Fuel Handling	V - Troubleshooting	050-00529/2004-011
53 - Communication LTA	G - Engineering	M - Maint / Repair	050-00529/2003-009
53 - Communication LTA	M - Mechanical	V - Troubleshooting	050-00529/2004-009
53 - Communication LTA	M - Mechanical	V - Troubleshooting	050-00529/2004-009
53 - Communication LTA	O - Operations	A - Administrative	050-00529/2004-013
53 - Communication LTA	O - Operations	V - Troubleshooting	050-00529/2004-011
53 - Communication LTA	Z - Other	A - Administrative	050-00529/2004-013
54 - No communication	O - Operations	O - Control Room Ops	050-00529/2004-013
54 - No communication	Z - Other	O - Control Room Ops	050-00529/2004-013
<b>Number of Items for this Docket: 11</b>			
<b>Percent of Total for this Docket: 9</b>			
<b>Management and Supervision / IR</b>			
32 - Supervision / command and control LTA	B - Plant Management	O - Control Room Ops	050-00529/2004-013
32 - Supervision / command and control LTA	E - Electrical	T - Testing	050-00529/2004-012
32 - Supervision / command and control LTA	O - Operations	O - Control Room Ops	050-00529/2004-013
33 - Management expectations or directions LTA	B - Plant Management	A - Administrative	050-00529/2004-003
33 - Management expectations or directions LTA	B - Plant Management	M - Maint / Repair	050-00529/2004-006
33 - Management expectations or directions LTA	M - Mechanical	M - Maint / Repair	050-00529/2004-009
40 - Individual Corrective Action LTA	E - Electrical	M - Maint / Repair	050-00529/2004-002
40 - Individual Corrective Action LTA	F - Fuel Handling	M - Maint / Repair	050-00529/2004-011
40 - Individual Corrective Action LTA	F - Fuel Handling	R - Refueling	050-00529/2004-011
40 - Individual Corrective Action LTA	G - Engineering	M - Maint / Repair	050-00529/2004-004
40 - Individual Corrective Action LTA	G - Engineering	M - Maint / Repair	050-00529/2004-006
41 - Action not begun or untimely	F - Fuel Handling	M - Maint / Repair	050-00529/2004-011
41 - Action not begun or untimely	G - Engineering	F - Modification	050-00529/2004-003
41 - Action not begun or untimely	G - Engineering	M - Maint / Repair	050-00529/2004-003
41 - Action not begun or untimely	G - Engineering	M - Maint / Repair	050-00529/2004-004
42 - No action planned	O - Operations	O - Control Room Ops	050-00529/2004-013
44 - Corrective Action program LTA	F - Fuel Handling	M - Maint / Repair	050-00529/2004-011
44 - Corrective Action program LTA	G - Engineering	A - Administrative	050-00529/2004-006

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Details	Department	Work Type	Docket/Report
<b>Management and Supervision / IR</b>			
44 - Corrective Action program LTA	G - Engineering	F - Modification	050-00529/2003-009
44 - Corrective Action program LTA	G - Engineering	G - Design	050-00529/2004-006
44 - Corrective Action program LTA	Q - QA/QC	F - Modification	050-00529/2003-009
47 - Root Cause LTA	G - Engineering	M - Maint / Repair	050-00529/2004-003
48 - Audits or problem identification LTA	M - Mechanical	V - Troubleshooting	050-00529/2004-009
48 - Audits or problem identification LTA	O - Operations	V - Troubleshooting	050-00529/2004-009
48 - Audits or problem identification LTA	O - Operations	V - Troubleshooting	050-00529/2004-013
48 - Audits or problem identification LTA	Q - QA/QC	A - Administrative	050-00529/2003-009
<b>Number of Items for this Docket:</b> 26			
<b>Percent of Total for this Docket:</b> 21			
<b>Organizational Issues / IR</b>			
21 - Staffing LTA	O - Operations	O - Control Room Ops	050-00529/2004-013
<b>Number of Items for this Docket:</b> 1			
<b>Percent of Total for this Docket:</b> 1			
<b>Procedures and Reference Document / IR</b>			
11 - No procedure / reference documents	M - Mechanical	M - Maint / Repair	050-00529/2004-009
11 - No procedure / reference documents	W - Work Control / Scheduling Outage Pla	M - Maint / Repair	050-00529/2004-002
11 - No procedure / reference documents	Z - Other	Z - Other	050-00529/2004-009
12 - Procedure technical content LTA	O - Operations	O - Control Room Ops	050-00529/2004-013
12 - Procedure technical content LTA	P - Procedure Writers	O - Control Room Ops	050-00529/2004-009
12 - Procedure technical content LTA	P - Procedure Writers	P - Procedure Dev	050-00529/2004-012
13 - Procedure has human factors deficiencies	O - Operations	O - Control Room Ops	050-00529/2004-013
13 - Procedure has human factors deficiencies	P - Procedure Writers	P - Procedure Dev	050-00529/2004-012
13 - Procedure has human factors deficiencies	W - Work Control / Scheduling Outage Pla	M - Maint / Repair	050-00529/2004-002
14 - Document develop. / maint. program LTA	P - Procedure Writers	P - Procedure Dev	050-00529/2003-005
<b>Number of Items for this Docket:</b> 10			
<b>Percent of Total for this Docket:</b> 8			
<b>Training / IR</b>			
02 - Training LTA	T - Training	M - Maint / Repair	050-00529/2004-006
05 - Individual knowledge LTA	F - Fuel Handling	R - Refueling	050-00529/2004-011
05 - Individual knowledge LTA	F - Fuel Handling	R - Refueling	050-00529/2004-011

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Details	Department	Work Type	Docket/Report
<b>Training / IR</b>			
05 - Individual knowledge LTA	M - Mechanical	M - Maint / Repair	050-00529/2004-009
<b>Number of Items for this Docket: 4</b>			
<b>Percent of Total for this Docket: 3</b>			
<b>Work Factors / IR</b>			
81 - Work Package Quality LTA	M - Mechanical	M - Maint / Repair	050-00529/2004-013
82 - Briefing, prep. or turnover LTA	F - Fuel Handling	M - Maint / Repair	050-00529/2003-009
82 - Briefing, prep. or turnover LTA	O - Operations	O - Control Room Ops	050-00529/2004-012
83 - Work practice or craft skill LTA	D - Emergency Planning	D - Emergency Drill	050-00529/2004-002
83 - Work practice or craft skill LTA	D - Emergency Planning	F - Modification	050-00529/2004-002
83 - Work practice or craft skill LTA	E - Electrical	T - Testing	050-00529/2004-012
83 - Work practice or craft skill LTA	F - Fuel Handling	R - Refueling	050-00529/2004-011
83 - Work practice or craft skill LTA	F - Fuel Handling	R - Refueling	050-00529/2004-011
83 - Work practice or craft skill LTA	F - Fuel Handling	R - Refueling	050-00529/2004-011
83 - Work practice or craft skill LTA	M - Mechanical	T - Testing	050-00529/2004-009
83 - Work practice or craft skill LTA	O - Operations	B - Bal of Plant Ops	050-00529/2004-012
83 - Work practice or craft skill LTA	O - Operations	H - Health Physics	050-00529/2004-012
83 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00529/2004-009
83 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00529/2004-009
83 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00529/2004-012
83 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00529/2004-012
83 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00529/2004-013
83 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00529/2004-013
83 - Work practice or craft skill LTA	Z - Other	Z - Other	050-00529/2004-003
84 - Non-conserv. decision / Questioning LTA	G - Engineering	F - Modification	050-00529/2003-009
84 - Non-conserv. decision / Questioning LTA	G - Engineering	F - Modification	050-00529/2004-006
84 - Non-conserv. decision / Questioning LTA	G - Engineering	F - Modification	050-00529/2004-006
84 - Non-conserv. decision / Questioning LTA	G - Engineering	F - Modification	050-00529/2004-006
84 - Non-conserv. decision / Questioning LTA	G - Engineering	M - Maint / Repair	050-00529/2004-006
84 - Non-conserv. decision / Questioning LTA	M - Mechanical	T - Testing	050-00529/2004-009
84 - Non-conserv. decision / Questioning LTA	M - Mechanical	V - Troubleshooting	050-00529/2004-009
84 - Non-conserv. decision / Questioning LTA	O - Operations	M - Maint / Repair	050-00529/2004-006
84 - Non-conserv. decision / Questioning LTA	O - Operations	O - Control Room Ops	050-00529/2004-009

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Details	Department	Work Type	Docket/Report
<b>Work Factors / IR</b>			
84 - Non-conserv. decision / Questioning LTA	O - Operations	O - Control Room Ops	050-00529/2004-012
84 - Non-conserv. decision / Questioning LTA	O - Operations	O - Control Room Ops	050-00529/2004-012
84 - Non-conserv. decision / Questioning LTA	O - Operations	S - Surveillance	050-00529/2003-005
84 - Non-conserv. decision / Questioning LTA	O - Operations	S - Surveillance	050-00529/2004-002
84 - Non-conserv. decision / Questioning LTA	O - Operations	S - Surveillance	050-00529/2004-002
84 - Non-conserv. decision / Questioning LTA	O - Operations	S - Surveillance	050-00529/2004-003
84 - Non-conserv. decision / Questioning LTA	T - Training	O - Control Room Ops	050-00529/2004-015
84 - Non-conserv. decision / Questioning LTA	T - Training	O - Control Room Ops	050-00529/2004-015
85 - Team interactions LTA	E - Electrical	V - Troubleshooting	050-00529/2004-004
85 - Team interactions LTA	G - Engineering	V - Troubleshooting	050-00529/2004-004
85 - Team interactions LTA	O - Operations	O - Control Room Ops	050-00529/2004-012
86 - Work untimely	O - Operations	O - Control Room Ops	050-00529/2004-013
86 - Work untimely	O - Operations	O - Control Room Ops	050-00529/2004-013
86 - Work untimely	O - Operations	O - Control Room Ops	050-00529/2004-013
86 - Work untimely	O - Operations	O - Control Room Ops	050-00529/2004-013
87 - Non-conservative action	M - Mechanical	M - Maint / Repair	050-00529/2004-009
91 - Verification / plant tours LTA	F - Fuel Handling	R - Refueling	050-00529/2004-011
91 - Verification / plant tours LTA	F - Fuel Handling	R - Refueling	050-00529/2004-011
91 - Verification / plant tours LTA	F - Fuel Handling	R - Refueling	050-00529/2004-011
92 - Self check LTA	F - Fuel Handling	M - Maint / Repair	050-00529/2003-009
93 - Awareness or attention LTA	M - Mechanical	M - Maint / Repair	050-00529/2004-003
94 - Log-keeping or review LTA	D - Emergency Planning	D - Emergency Drill	050-00529/2004-002
94 - Log-keeping or review LTA	D - Emergency Planning	D - Emergency Drill	050-00529/2004-002
94 - Log-keeping or review LTA	D - Emergency Planning	D - Emergency Drill	050-00529/2004-002
94 - Log-keeping or review LTA	D - Emergency Planning	D - Emergency Drill	050-00529/2004-002
94 - Log-keeping or review LTA	O - Operations	O - Control Room Ops	050-00529/2004-012
94 - Log-keeping or review LTA	O - Operations	O - Control Room Ops	050-00529/2004-012
94 - Log-keeping or review LTA	O - Operations	O - Control Room Ops	050-00529/2004-012
94 - Log-keeping or review LTA	O - Operations	O - Control Room Ops	050-00529/2004-012
94 - Log-keeping or review LTA	O - Operations	O - Control Room Ops	050-00529/2004-013

Number of Items for this Docket: 57

Percent of Total for this Docket: 47

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Details	Department	Work Type	Docket/Report
<b>Human-System Interface and Environm / LER</b>			
64 - Placement or location LTA	E - Electrical	T - Testing	050-00529/2004-003-00
65 - Information Content LTA	E - Electrical	T - Testing	050-00529/2004-003-00
<b>Number of Items for this Docket: 2</b>			
<b>Percent of Total for this Docket: 2</b>			
<b>Management and Supervision / LER</b>			
43 - Operating Experience Review LTA	G - Engineering	F - Modification	050-00529/2004-001-00
<b>Number of Items for this Docket: 1</b>			
<b>Percent of Total for this Docket: 1</b>			
<b>Organizational Issues / LER</b>			
22 - Poor Task Allocation	E - Electrical	T - Testing	050-00529/2004-003-00
<b>Number of Items for this Docket: 1</b>			
<b>Percent of Total for this Docket: 1</b>			
<b>Procedures and Reference Document / LER</b>			
12 - Procedure technical content LTA	I - Instrumentation & Control	C - Calibration	050-00529/2004-004-00
<b>Number of Items for this Docket: 1</b>			
<b>Percent of Total for this Docket: 1</b>			
<b>Work Factors / LER</b>			
82 - Briefing, prep. or turnover LTA	E - Electrical	T - Testing	050-00529/2004-003-00
83 - Work practice or craft skill LTA	Z - Other	F - Modification	050-00529/2004-001-00
84 - Non-conserv. decision / Questioning LTA	P - Procedure Writers	P - Procedure Dev	050-00529/2004-005-00
91 - Verification / plant tours LTA	P - Procedure Writers	P - Procedure Dev	050-00529/2004-005-00
92 - Self check LTA	E - Electrical	T - Testing	050-00529/2004-003-00
93 - Awareness or attention LTA	G - Engineering	P - Procedure Dev	050-00529/2004-004-00
93 - Awareness or attention LTA	P - Procedure Writers	P - Procedure Dev	050-00529/2004-004-00
<b>Number of Items for this Docket: 7</b>			
<b>Percent of Total for this Docket: 6</b>			
<b>Total Items for this Docket: 121</b>			

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