

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

Total Number of Hits: 102

National Average: 56

2x National Average: 112

National Median: 25

Average for Selected Dockets: 102

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

Details	Department	Work Type	Docket/Report
<b>Communication / IR</b>			
160 - No communication / information not communicated	B - Management	M - Maintenance / Repair	050-00530/2005-002
160 - No communication / information not communicated	G - Engineering	G - Design	050-00530/2005-004
160 - No communication / information not communicated	G - Engineering	O - Control Room Ops	050-00530/2004-014
160 - No communication / information not communicated	G - Engineering	O - Control Room Ops	050-00530/2004-014
160 - No communication / information not communicated	M - Mechanical	M - Maintenance / Repair	050-00530/2005-002
160 - No communication / information not communicated	M - Mechanical	M - Maintenance / Repair	050-00530/2005-004
160 - No communication / information not communicated	O - Operations	O - Control Room Ops	050-00530/2005-004
160 - No communication / information not communicated	O - Operations	O - Control Room Ops	050-00530/2005-004
161 - Communication LTA	A - Administrative Support	O - Control Room Ops	050-00530/2005-002
161 - Communication LTA	B - Management	A - Administrative	050-00530/2005-002
161 - Communication LTA	B - Management	A - Administrative	050-00530/2005-002
161 - Communication LTA	B - Management	A - Administrative	050-00530/2005-002
161 - Communication LTA	D - Emergency Planning	O - Control Room Ops	050-00530/2005-002
161 - Communication LTA	G - Engineering	O - Control Room Ops	050-00530/2004-014
161 - Communication LTA	G - Engineering	O - Control Room Ops	050-00530/2004-014
161 - Communication LTA	G - Engineering	O - Control Room Ops	050-00530/2004-014
161 - Communication LTA	G - Engineering	O - Control Room Ops	050-00530/2004-014
161 - Communication LTA	G - Engineering	O - Control Room Ops	050-00530/2004-014
161 - Communication LTA	G - Engineering	O - Control Room Ops	050-00530/2004-014

**Number of Items for this Docket:** 19**Percent of Total for this Docket:** 19**Human-System Interface & Environmnt / IR**

170 - HSI or information availability / quality LTA	A - Administrative Support	A - Administrative	050-00530/2005-002
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00530/2005-002
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00530/2005-002
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00530/2005-002
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00530/2005-002
173 - Physical conditions LTA	M - Mechanical	M - Maintenance / Repair	050-00530/2005-002

**Number of Items for this Docket:** 6**Percent of Total for this Docket:** 6**Oversight / IR**

130 - Inadequate supervision / command and control	G - Engineering	G - Design	050-00530/2005-002
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Details	Department	Work Type	Docket/Report
<b>Oversight / IR</b>			
130 - Inadequate supervision / command and control	O - Operations	O - Control Room Ops	050-00530/2005-002
<b>Number of Items for this Docket: 2</b>			
<b>Percent of Total for this Docket: 2</b>			
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<b>Procedures &amp; Reference Document / IR</b>			
111 - Procedure / reference document technical content	D - Emergency Planning	P - Procedure Dev	050-00530/2005-002
111 - Procedure / reference document technical content	M - Mechanical	S - Surveillance	050-00530/2004-005
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00530/2005-002
111 - Procedure / reference document technical content	O - Operations	V - Troubleshooting	050-00530/2004-005
111 - Procedure / reference document technical content	P - Procedure Writers	P - Procedure Dev	050-00530/2005-002
112 - Procedure / reference document contains human factors deficienc	D - Emergency Planning	H - Health Physics	050-00530/2005-002
113 - Procedure / reference document development and maintenance L	B - Management	O - Control Room Ops	050-00530/2005-011
113 - Procedure / reference document development and maintenance L	D - Emergency Planning	D - Emergency Drill	050-00530/2005-002
113 - Procedure / reference document development and maintenance L	G - Engineering	G - Design	050-00530/2005-004
113 - Procedure / reference document development and maintenance L	P - Procedure Writers	O - Control Room Ops	050-00530/2005-011
<b>Number of Items for this Docket: 10</b>			
<b>Percent of Total for this Docket: 10</b>			
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<b>Problem Identification &amp; Resolution / IR</b>			
142 - Operating experience (OE) review LTA	D - Emergency Planning	D - Emergency Drill	050-00530/2005-002
142 - Operating experience (OE) review LTA	D - Emergency Planning	D - Emergency Drill	050-00530/2005-002
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00530/2005-003
144 - Audit / self-assessment / effectiveness review LTA	A - Administrative Support	O - Control Room Ops	050-00530/2005-002
144 - Audit / self-assessment / effectiveness review LTA	D - Emergency Planning	D - Emergency Drill	050-00530/2005-002
144 - Audit / self-assessment / effectiveness review LTA	O - Operations	O - Control Room Ops	050-00530/2005-002
144 - Audit / self-assessment / effectiveness review LTA	O - Operations	O - Control Room Ops	050-00530/2005-002
147 - Individual corrective action LTA	M - Mechanical	M - Maintenance / Repair	050-00530/2005-003
148 - Action not yet started or untimely	G - Engineering	G - Design	050-00530/2005-002
150 - Programmatic deficiency	B - Management	D - Emergency Drill	050-00530/2005-002
150 - Programmatic deficiency	M - Mechanical	M - Maintenance / Repair	050-00530/2005-002
150 - Programmatic deficiency	O - Operations	O - Control Room Ops	050-00530/2005-002
150 - Programmatic deficiency	O - Operations	O - Control Room Ops	050-00530/2005-002
150 - Programmatic deficiency	O - Operations	O - Control Room Ops	050-00530/2005-002

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Details	Department	Work Type	Docket/Report
<b>Problem Identification &amp; Resolution / IR</b>			
150 - Programmatic deficiency	O - Operations	O - Control Room Ops	050-00530/2005-003
<b>Number of Items for this Docket:</b> 15			
<b>Percent of Total for this Docket:</b> 15			
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<b>Training / IR</b>			
100 - Training LTA	T - Training	O - Control Room Ops	050-00530/2005-009
101 - Training process problem	O - Operations	O - Control Room Ops	050-00530/2005-002
<b>Number of Items for this Docket:</b> 2			
<b>Percent of Total for this Docket:</b> 2			
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<b>Work Planning &amp; Practices / IR</b>			
181 - Inadequate staffing / task allocation	M - Mechanical	M - Maintenance / Repair	050-00530/2005-003
182 - Work package quality LTA	I - Instrumentation & Control	T - Testing	050-00530/2005-004
183 - Pre-job activities LTA	H - Health Physics	H - Health Physics	050-00530/2004-005
183 - Pre-job activities LTA	M - Mechanical	M - Maintenance / Repair	050-00530/2005-004
188 - Work practice or craft skill LTA	D - Emergency Planning	D - Emergency Drill	050-00530/2005-002
188 - Work practice or craft skill LTA	E - Electrical	S - Surveillance	050-00530/2004-005
188 - Work practice or craft skill LTA	F - Fuel Handling	R - Refueling	050-00530/2005-003
188 - Work practice or craft skill LTA	G - Engineering	G - Design	050-00530/2005-004
188 - Work practice or craft skill LTA	G - Engineering	G - Design	050-00530/2005-004
188 - Work practice or craft skill LTA	I - Instrumentation & Control	T - Testing	050-00530/2005-004
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00530/2004-005
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00530/2005-002
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00530/2005-003
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00530/2005-009
188 - Work practice or craft skill LTA	O - Operations	B - Bal of Plant Ops	050-00530/2005-003
188 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00530/2004-005
188 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00530/2005-002
188 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00530/2005-009
190 - Failure to stop work / non-conservative decision making	B - Management	O - Control Room Ops	050-00530/2005-011
190 - Failure to stop work / non-conservative decision making	D - Emergency Planning	D - Emergency Drill	050-00530/2005-002
190 - Failure to stop work / non-conservative decision making	F - Fuel Handling	R - Refueling	050-00530/2005-003
190 - Failure to stop work / non-conservative decision making	G - Engineering	F - Modification	050-00530/2004-014
190 - Failure to stop work / non-conservative decision making	G - Engineering	F - Modification	050-00530/2004-014

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<b>Work Planning &amp; Practices / IR</b>			
190 - Failure to stop work / non-conservative decision making	G - Engineering	F - Modification	050-00530/2004-014
190 - Failure to stop work / non-conservative decision making	G - Engineering	G - Design	050-00530/2005-002
190 - Failure to stop work / non-conservative decision making	G - Engineering	G - Design	050-00530/2005-002
190 - Failure to stop work / non-conservative decision making	G - Engineering	O - Control Room Ops	050-00530/2004-014
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00530/2004-014
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00530/2004-014
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00530/2004-014
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00530/2004-014
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00530/2005-002
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00530/2005-002
191 - Team interactions LTA	G - Engineering	G - Design	050-00530/2005-004
191 - Team interactions LTA	M - Mechanical	M - Maintenance / Repair	050-00530/2005-004
191 - Team interactions LTA	O - Operations	O - Control Room Ops	050-00530/2005-004
191 - Team interactions LTA	Q - Quality assurance / oversight	O - Control Room Ops	050-00530/2005-002
193 - Non-conservative action	D - Emergency Planning	D - Emergency Drill	050-00530/2005-002
193 - Non-conservative action	H - Health Physics	H - Health Physics	050-00530/2005-009
193 - Non-conservative action	H - Health Physics	H - Health Physics	050-00530/2005-009
193 - Non-conservative action	O - Operations	O - Control Room Ops	050-00530/2005-002
194 - Housekeeping LTA	O - Operations	O - Control Room Ops	050-00530/2005-003
195 - Logkeeping or log review LTA	O - Operations	O - Control Room Ops	050-00530/2005-002
196 - Independent verification / plant tours LTA	D - Emergency Planning	D - Emergency Drill	050-00530/2005-002
196 - Independent verification / plant tours LTA	F - Fuel Handling	R - Refueling	050-00530/2005-003
196 - Independent verification / plant tours LTA	M - Mechanical	M - Maintenance / Repair	050-00530/2005-002
197 - Self-check LTA	O - Operations	B - Bal of Plant Ops	050-00530/2005-003
198 - Worker distracted / interrupted	H - Health Physics	H - Health Physics	050-00530/2005-009
198 - Worker distracted / interrupted	O - Operations	O - Control Room Ops	050-00530/2005-002

**Number of Items for this Docket:** 48**Percent of Total for this Docket:** 47

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**Total Items for this Docket:** 102