

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

Total Number of Hits: 115

National Average: 56

2x National Average: 112

National Median: 25

Average for Selected Dockets: 115

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

Details	Department	Work Type	Docket/Report
Communication / IR			
160 - No communication / information not communicated	G - Engineering	G - Design	050-00528/2005-004
160 - No communication / information not communicated	G - Engineering	O - Control Room Ops	050-00528/2004-014
160 - No communication / information not communicated	G - Engineering	O - Control Room Ops	050-00528/2004-014
160 - No communication / information not communicated	M - Mechanical	M - Maintenance / Repair	050-00528/2005-004
160 - No communication / information not communicated	O - Operations	O - Control Room Ops	050-00528/2005-004
160 - No communication / information not communicated	O - Operations	O - Control Room Ops	050-00528/2005-004
161 - Communication LTA	A - Administrative Support	O - Control Room Ops	050-00528/2005-002
161 - Communication LTA	B - Management	A - Administrative	050-00528/2005-002
161 - Communication LTA	B - Management	A - Administrative	050-00528/2005-002
161 - Communication LTA	B - Management	A - Administrative	050-00528/2005-002
161 - Communication LTA	B - Management	A - Administrative	050-00528/2005-002
161 - Communication LTA	D - Emergency Planning	O - Control Room Ops	050-00528/2005-002
161 - Communication LTA	G - Engineering	O - Control Room Ops	050-00528/2004-014
161 - Communication LTA	G - Engineering	O - Control Room Ops	050-00528/2004-014
161 - Communication LTA	G - Engineering	O - Control Room Ops	050-00528/2004-014
161 - Communication LTA	G - Engineering	O - Control Room Ops	050-00528/2004-014
161 - Communication LTA	G - Engineering	O - Control Room Ops	050-00528/2004-014
161 - Communication LTA	G - Engineering	O - Control Room Ops	050-00528/2004-014
161 - Communication LTA	G - Engineering	O - Control Room Ops	050-00528/2004-014
Number of Items for this Docket: 18			
Percent of Total for this Docket: 16			

Human-System Interface & Environmnt / IR

170 - HSI or information availability / quality LTA	A - Administrative Support	A - Administrative	050-00528/2005-002
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00528/2005-002
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00528/2005-002
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00528/2005-002
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00528/2005-002
Number of Items for this Docket: 5			
Percent of Total for this Docket: 4			

Oversight / IR

130 - Inadequate supervision / command and control	G - Engineering	G - Design	050-00528/2005-002
--	-----------------	------------	--------------------

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

Total Number of Hits: 115

National Average: 56

2x National Average: 112

National Median: 25

Average for Selected Dockets: 115

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

Details	Department	Work Type	Docket/Report
Problem Identification & Resolution / IR			
150 - Programmatic deficiency	O - Operations	O - Control Room Ops	050-00528/2005-003
Number of Items for this Docket: 17			
Percent of Total for this Docket: 15			
<hr/>			
Training / IR			
101 - Training process problem	O - Operations	O - Control Room Ops	050-00528/2005-002
Number of Items for this Docket: 1			
Percent of Total for this Docket: 1			
<hr/>			
Work Planning & Practices / IR			
181 - Inadequate staffing / task allocation	M - Mechanical	M - Maintenance / Repair	050-00528/2005-003
182 - Work package quality LTA	G - Engineering	G - Design	050-00528/2005-002
182 - Work package quality LTA	I - Instrumentation & Control	T - Testing	050-00528/2005-004
183 - Pre-job activities LTA	G - Engineering	G - Design	050-00528/2005-002
183 - Pre-job activities LTA	H - Health Physics	H - Health Physics	050-00528/2004-005
183 - Pre-job activities LTA	M - Mechanical	M - Maintenance / Repair	050-00528/2005-004
188 - Work practice or craft skill LTA	D - Emergency Planning	D - Emergency Drill	050-00528/2005-002
188 - Work practice or craft skill LTA	E - Electrical	S - Surveillance	050-00528/2004-005
188 - Work practice or craft skill LTA	F - Fuel Handling	R - Refueling	050-00528/2005-003
188 - Work practice or craft skill LTA	G - Engineering	G - Design	050-00528/2005-004
188 - Work practice or craft skill LTA	G - Engineering	G - Design	050-00528/2005-004
188 - Work practice or craft skill LTA	I - Instrumentation & Control	S - Surveillance	050-00528/2005-004
188 - Work practice or craft skill LTA	I - Instrumentation & Control	T - Testing	050-00528/2005-004
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00528/2004-005
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00528/2005-003
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00528/2005-009
188 - Work practice or craft skill LTA	O - Operations	B - Bal of Plant Ops	050-00528/2005-003
188 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00528/2004-005
188 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00528/2005-002
188 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00528/2005-002
188 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00528/2005-004
190 - Failure to stop work / non-conservative decision making	B - Management	O - Control Room Ops	050-00528/2005-011
190 - Failure to stop work / non-conservative decision making	D - Emergency Planning	D - Emergency Drill	050-00528/2005-002
190 - Failure to stop work / non-conservative decision making	F - Fuel Handling	R - Refueling	050-00528/2005-003

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

Total Number of Hits: 115

National Average: 56

2x National Average: 112

National Median: 25

Average for Selected Dockets: 115

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

Details	Department	Work Type	Docket/Report
Work Planning & Practices / IR			
190 - Failure to stop work / non-conservative decision making	G - Engineering	F - Modification	050-00528/2004-014
190 - Failure to stop work / non-conservative decision making	G - Engineering	F - Modification	050-00528/2004-014
190 - Failure to stop work / non-conservative decision making	G - Engineering	F - Modification	050-00528/2004-014
190 - Failure to stop work / non-conservative decision making	G - Engineering	G - Design	050-00528/2005-002
190 - Failure to stop work / non-conservative decision making	G - Engineering	O - Control Room Ops	050-00528/2004-014
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00528/2004-014
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00528/2004-014
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00528/2004-014
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00528/2004-014
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00528/2005-002
190 - Failure to stop work / non-conservative decision making	O - Operations	Q - Fire Protection	050-00528/2005-002
190 - Failure to stop work / non-conservative decision making	Q - Quality assurance / oversight	O - Control Room Ops	050-00528/2005-002
191 - Team interactions LTA	G - Engineering	G - Design	050-00528/2005-004
191 - Team interactions LTA	M - Mechanical	M - Maintenance / Repair	050-00528/2005-004
191 - Team interactions LTA	O - Operations	O - Control Room Ops	050-00528/2005-004
193 - Non-conservative action	D - Emergency Planning	D - Emergency Drill	050-00528/2005-002
193 - Non-conservative action	H - Health Physics	H - Health Physics	050-00528/2005-009
193 - Non-conservative action	H - Health Physics	H - Health Physics	050-00528/2005-009
193 - Non-conservative action	O - Operations	O - Control Room Ops	050-00528/2005-002
194 - Housekeeping LTA	O - Operations	O - Control Room Ops	050-00528/2005-003
195 - Logkeeping or log review LTA	O - Operations	O - Control Room Ops	050-00528/2005-002
196 - Independent verification / plant tours LTA	D - Emergency Planning	D - Emergency Drill	050-00528/2005-002
196 - Independent verification / plant tours LTA	F - Fuel Handling	R - Refueling	050-00528/2005-003
196 - Independent verification / plant tours LTA	G - Engineering	G - Design	050-00528/2005-002
196 - Independent verification / plant tours LTA	O - Operations	O - Control Room Ops	050-00528/2005-002
197 - Self-check LTA	O - Operations	B - Bal of Plant Ops	050-00528/2005-003
198 - Worker distracted / interrupted	H - Health Physics	H - Health Physics	050-00528/2005-009
198 - Worker distracted / interrupted	O - Operations	O - Control Room Ops	050-00528/2005-002
198 - Worker distracted / interrupted	O - Operations	O - Control Room Ops	050-00528/2005-004

Number of Items for this Docket: 53

Percent of Total for this Docket: 46

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

Total Number of Hits: 115

National Average: 56

2x National Average: 112

National Median: 25

Average for Selected Dockets: 115

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

Details	Department	Work Type	Docket/Report
Oversight / LER			
131 - Management expectations or directions LTA	O - Operations	O - Control Room Ops	050-00528/2005-005-00
Number of Items for this Docket: 1			
Percent of Total for this Docket: 1			
Procedures & Reference Document / LER			
112 - Procedure / reference document contains human factors deficienc	O - Operations	O - Control Room Ops	050-00528/2005-005-00
Number of Items for this Docket: 1			
Percent of Total for this Docket: 1			
Problem Identification & Resolution / LER			
141 - Problem not properly classified or prioritized	L - Licensing / regulatory affairs	A - Administrative	050-00528/2005-006-01
Number of Items for this Docket: 1			
Percent of Total for this Docket: 1			
Training / LER			
100 - Training LTA	O - Operations	O - Control Room Ops	050-00528/2005-005-00
Number of Items for this Docket: 1			
Percent of Total for this Docket: 1			
Work Planning & Practices / LER			
188 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00528/2005-005-00
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00528/2005-002-00
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00528/2005-005-00
192 - Work untimely	A - Administrative Support	A - Administrative	050-00528/2005-006-01
192 - Work untimely	L - Licensing / regulatory affairs	A - Administrative	050-00528/2005-006-01
197 - Self-check LTA	O - Operations	O - Control Room Ops	050-00528/2005-002-00
Number of Items for this Docket: 6			
Percent of Total for this Docket: 5			
Total Items for this Docket: 115			
