

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

Total Number of Hits: 85

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 85

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**Facility Name: Diablo Canyon 2 Docket (050- 00323)**

Details	Department	Work Type	Docket/Report
<b>Human-System Interface &amp; Environmnt / IR</b>			
170 - HSI or information availability / quality LTA	F - Fuel Handling	R - Refueling	050-00323/2009-007
170 - HSI or information availability / quality LTA	Y - Shipping / transportation	Y - Shipping / transportatic	050-00323/2009-007
<b>Number of Items for this Docket: 2</b>			
<b>Percent of Total for this Docket: 2</b>			

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**Procedures & Reference Document / IR**

111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00323/2009-008
111 - Procedure / reference document technical content	G - Engineering	Q - Fire Protection	050-00323/2009-008
111 - Procedure / reference document technical content	P - Procedure Writers	P - Procedure Dev	050-00323/2009-008
111 - Procedure / reference document technical content	P - Procedure Writers	P - Procedure Dev	050-00323/2008-009
111 - Procedure / reference document technical content	F - Fuel Handling	R - Refueling	050-00323/2009-007
111 - Procedure / reference document technical content	F - Fuel Handling	R - Refueling	050-00323/2009-007
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00323/2009-004
111 - Procedure / reference document technical content	P - Procedure Writers	P - Procedure Dev	050-00323/2009-004
111 - Procedure / reference document technical content	E - Electrical	G - Design	050-00323/2008-005
111 - Procedure / reference document technical content	E - Electrical	G - Design	050-00323/2008-005
113 - Procedure / reference document development and maintenance L	H - Health Physics	H - Health Physics	050-00323/2008-009
113 - Procedure / reference document development and maintenance L	F - Fuel Handling	R - Refueling	050-00323/2009-007
113 - Procedure / reference document development and maintenance L	G - Engineering	G - Design	050-00323/2008-005
113 - Procedure / reference document development and maintenance L	L - Licensing / regulatory affairs	O - Control Room Ops	050-00323/2009-004
113 - Procedure / reference document development and maintenance L	P - Procedure Writers	P - Procedure Dev	050-00323/2009-004
113 - Procedure / reference document development and maintenance L	G - Engineering	G - Design	050-00323/2008-005
<b>Number of Items for this Docket: 16</b>			
<b>Percent of Total for this Docket: 19</b>			

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**Problem Identification & Resolution / IR**

140 - Problem not completely or accurately identified	G - Engineering	G - Design	050-00323/2008-005
140 - Problem not completely or accurately identified	S - Specialized task force	W - Assessment	050-00323/2009-004
143 - Tracking / trending LTA	X - Site-wide	X - Site-wide	050-00323/2008-005
143 - Tracking / trending LTA	E - Electrical	M - Maintenance / Repair	050-00323/2008-005
143 - Tracking / trending LTA	E - Electrical	M - Maintenance / Repair	050-00323/2008-005
143 - Tracking / trending LTA	E - Electrical	M - Maintenance / Repair	050-00323/2008-005
143 - Tracking / trending LTA	M - Mechanical	M - Maintenance / Repair	050-00323/2008-005
143 - Tracking / trending LTA	M - Mechanical	M - Maintenance / Repair	050-00323/2008-005

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Details	Department	Work Type	Docket/Report
<b>Problem Identification &amp; Resolution / IR</b>			
143 - Tracking / trending LTA	M - Mechanical	M - Maintenance / Repair	050-00323/2008-005
143 - Tracking / trending LTA	M - Mechanical	M - Maintenance / Repair	050-00323/2008-005
143 - Tracking / trending LTA	Q - Quality assurance / oversight	X - Site-wide	050-00323/2008-005
143 - Tracking / trending LTA	E - Electrical	G - Design	050-00323/2008-005
146 - Evaluation LTA	M - Mechanical	Q - Fire Protection	050-00323/2009-004
146 - Evaluation LTA	G - Engineering	G - Design	050-00323/2008-005
146 - Evaluation LTA	M - Mechanical	F - Modification	050-00323/2008-005
146 - Evaluation LTA	H - Health Physics	H - Health Physics	050-00323/2008-005
146 - Evaluation LTA	O - Operations	O - Control Room Ops	050-00323/2008-005
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00323/2008-005
146 - Evaluation LTA	M - Mechanical	H - Health Physics	050-00323/2008-005
146 - Evaluation LTA	H - Health Physics	H - Health Physics	050-00323/2008-005
146 - Evaluation LTA	H - Health Physics	H - Health Physics	050-00323/2008-005
146 - Evaluation LTA	E - Electrical	M - Maintenance / Repair	050-00323/2008-005
146 - Evaluation LTA	G - Engineering	G - Design	050-00323/2008-005
146 - Evaluation LTA	Q - Quality assurance / oversight	X - Site-wide	050-00323/2008-005
146 - Evaluation LTA	F - Fuel Handling	G - Design	050-00323/2008-005
147 - Individual corrective action LTA	M - Mechanical	Q - Fire Protection	050-00323/2009-004
147 - Individual corrective action LTA	E - Electrical	M - Maintenance / Repair	050-00323/2009-004
148 - Action not yet started or untimely	E - Electrical	M - Maintenance / Repair	050-00323/2009-004
150 - Programmatic deficiency	O - Operations	O - Control Room Ops	050-00323/2009-004
150 - Programmatic deficiency	X - Site-wide	X - Site-wide	050-00323/2008-005
<b>Number of Items for this Docket:</b> 30			
<b>Percent of Total for this Docket:</b> 35			

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**Work Planning & Practices / IR**

185 - Procedural adherence LTA	H - Health Physics	H - Health Physics	050-00323/2008-009
185 - Procedural adherence LTA	F - Fuel Handling	R - Refueling	050-00323/2009-007
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00323/2009-004
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00323/2009-004
185 - Procedural adherence LTA	Q - Quality assurance / oversight	A - Administrative	050-00323/2009-007
186 - Failure to take action / meet requirements	H - Health Physics	H - Health Physics	050-00323/2008-009
186 - Failure to take action / meet requirements	M - Mechanical	Q - Fire Protection	050-00323/2009-004

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Details	Department	Work Type	Docket/Report
<b>Work Planning &amp; Practices / IR</b>			
186 - Failure to take action / meet requirements	F - Fuel Handling	R - Refueling	050-00323/2009-007
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00323/2009-004
186 - Failure to take action / meet requirements	Q - Quality assurance / oversight	A - Administrative	050-00323/2009-007
186 - Failure to take action / meet requirements	Y - Shipping / transportation	Y - Shipping / transportatic	050-00323/2009-007
186 - Failure to take action / meet requirements	Q - Quality assurance / oversight	X - Site-wide	050-00323/2008-005
187 - Action implementation LTA	G - Engineering	G - Design	050-00323/2008-005
187 - Action implementation LTA	G - Engineering	G - Design	050-00323/2009-008
187 - Action implementation LTA	E - Electrical	G - Design	050-00323/2008-005
187 - Action implementation LTA	G - Engineering	G - Design	050-00323/2008-005
189 - Recognition of adverse condition / questioning attitude LTA	M - Mechanical	Q - Fire Protection	050-00323/2009-004
189 - Recognition of adverse condition / questioning attitude LTA	F - Fuel Handling	R - Refueling	050-00323/2009-007
189 - Recognition of adverse condition / questioning attitude LTA	Y - Shipping / transportation	Y - Shipping / transportatic	050-00323/2009-007
190 - Failure to stop work / non-conservative decision making	F - Fuel Handling	R - Refueling	050-00323/2009-007
190 - Failure to stop work / non-conservative decision making	Y - Shipping / transportation	Y - Shipping / transportatic	050-00323/2009-007
190 - Failure to stop work / non-conservative decision making	Y - Shipping / transportation	Y - Shipping / transportatic	050-00323/2009-007
194 - Housekeeping LTA	M - Mechanical	M - Maintenance / Repair	050-00323/2008-005
<b>Number of Items for this Docket: 23</b>			
<b>Percent of Total for this Docket: 27</b>			
<b>Communication / LER</b>			
160 - No communication / information not communicated	G - Engineering	T - Testing	050-00323/2009-003-00
160 - No communication / information not communicated	I - Instrumentation & Control	T - Testing	050-00323/2009-003-00
<b>Number of Items for this Docket: 2</b>			
<b>Percent of Total for this Docket: 2</b>			
<b>Oversight / LER</b>			
131 - Management expectations or directions LTA	P - Procedure Writers	P - Procedure Dev	050-00323/2009-003-00
<b>Number of Items for this Docket: 1</b>			
<b>Percent of Total for this Docket: 1</b>			
<b>Procedures &amp; Reference Document / LER</b>			
111 - Procedure / reference document technical content	I - Instrumentation & Control	T - Testing	050-00323/2009-003-00
111 - Procedure / reference document technical content	I - Instrumentation & Control	M - Maintenance / Repair	050-00323/2009-003-00

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Details	Department	Work Type	Docket/Report
<b>Procedures &amp; Reference Document / LER</b>			
112 - Procedure / reference document contains human factors deficienc	G - Engineering	G - Design	050-00323/2009-003-00
<b>Number of Items for this Docket:</b> 3			
<b>Percent of Total for this Docket:</b> 4			
<b>Problem Identification &amp; Resolution / LER</b>			
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00323/2009-003-00
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00323/2009-003-00
146 - Evaluation LTA	G - Engineering	G - Design	050-00323/2009-003-00
<b>Number of Items for this Docket:</b> 3			
<b>Percent of Total for this Docket:</b> 4			
<b>Work Planning &amp; Practices / LER</b>			
180 - Scheduling and planning LTA	I - Instrumentation & Control	M - Maintenance / Repair	050-00323/2009-001-00
187 - Action implementation LTA	G - Engineering	G - Design	050-00323/2009-003-00
189 - Recognition of adverse condition / questioning attitude LTA	O - Operations	O - Control Room Ops	050-00323/2009-001-00
189 - Recognition of adverse condition / questioning attitude LTA	G - Engineering	F - Modification	050-00323/2009-003-00
192 - Work untimely	I - Instrumentation & Control	M - Maintenance / Repair	050-00323/2009-001-00
<b>Number of Items for this Docket:</b> 5			
<b>Percent of Total for this Docket:</b> 6			
<b>Total Items for this Docket: 85</b>			

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