

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

Total Number of Hits: 121

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 121

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**Facility Name: Callaway Docket (050- 00483)**

Details	Department	Work Type	Docket/Report
<b>Communication / IR</b>			
160 - No communication / information not communicated	M - Mechanical	M - Maintenance / Repair	050-00483/2008-005
160 - No communication / information not communicated	G - Engineering	G - Design	050-00483/2009-009
160 - No communication / information not communicated	I - Instrumentation & Control	A - Administrative	050-00483/2009-004
160 - No communication / information not communicated	L - Licensing / regulatory affairs	A - Administrative	050-00483/2009-004
160 - No communication / information not communicated	O - Operations	O - Control Room Ops	050-00483/2008-005
160 - No communication / information not communicated	M - Mechanical	M - Maintenance / Repair	050-00483/2009-009
160 - No communication / information not communicated	G - Engineering	G - Design	050-00483/2009-009
160 - No communication / information not communicated	M - Mechanical	M - Maintenance / Repair	050-00483/2008-005
<b>Number of Items for this Docket: 8</b>			
<b>Percent of Total for this Docket: 7</b>			
<b>Human-System Interface &amp; Environmnt / IR</b>			
170 - HSI or information availability / quality LTA	Q - Quality assurance / oversight	M - Maintenance / Repair	050-00483/2009-007
170 - HSI or information availability / quality LTA	M - Mechanical	M - Maintenance / Repair	050-00483/2009-004
170 - HSI or information availability / quality LTA	M - Mechanical	V - Troubleshooting	050-00483/2009-009
<b>Number of Items for this Docket: 3</b>			
<b>Percent of Total for this Docket: 2</b>			
<b>Oversight / IR</b>			
130 - Inadequate supervision / command and control	M - Mechanical	M - Maintenance / Repair	050-00483/2009-009
130 - Inadequate supervision / command and control	O - Operations	O - Control Room Ops	050-00483/2008-005
131 - Management expectations or directions LTA	O - Operations	O - Control Room Ops	050-00483/2008-005
<b>Number of Items for this Docket: 3</b>			
<b>Percent of Total for this Docket: 2</b>			
<b>Procedures &amp; Reference Document / IR</b>			
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00483/2009-009
111 - Procedure / reference document technical content	P - Procedure Writers	P - Procedure Dev	050-00483/2009-009
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00483/2008-005
111 - Procedure / reference document technical content	Q - Quality assurance / oversight	O - Control Room Ops	050-00483/2008-005
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00483/2009-009
111 - Procedure / reference document technical content	M - Mechanical	S - Surveillance	050-00483/2008-005
<b>Number of Items for this Docket: 6</b>			
<b>Percent of Total for this Docket: 5</b>			

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**Facility Name: Callaway Docket (050- 00483)**

Details	Department	Work Type	Docket/Report
<b>Problem Identification &amp; Resolution / IR</b>			
140 - Problem not completely or accurately identified	M - Mechanical	M - Maintenance / Repair	050-00483/2009-009
140 - Problem not completely or accurately identified	S - Specialized task force	W - Assessment	050-00483/2009-009
143 - Tracking / trending LTA	X - Site-wide	X - Site-wide	050-00483/2008-005
143 - Tracking / trending LTA	X - Site-wide	X - Site-wide	050-00483/2008-005
143 - Tracking / trending LTA	X - Site-wide	X - Site-wide	050-00483/2008-005
143 - Tracking / trending LTA	X - Site-wide	X - Site-wide	050-00483/2008-005
144 - Audit / self-assessment / effectiveness review LTA	O - Operations	O - Control Room Ops	050-00483/2008-005
146 - Evaluation LTA	G - Engineering	G - Design	050-00483/2009-009
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00483/2008-005
146 - Evaluation LTA	M - Mechanical	V - Troubleshooting	050-00483/2009-009
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00483/2009-009
146 - Evaluation LTA	G - Engineering	G - Design	050-00483/2009-009
146 - Evaluation LTA	S - Specialized task force	W - Assessment	050-00483/2009-009
146 - Evaluation LTA	G - Engineering	G - Design	050-00483/2009-009
146 - Evaluation LTA	G - Engineering	G - Design	050-00483/2009-009
146 - Evaluation LTA	G - Engineering	G - Design	050-00483/2008-005
147 - Individual corrective action LTA	M - Mechanical	M - Maintenance / Repair	050-00483/2008-005
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00483/2009-004
150 - Programmatic deficiency	X - Site-wide	X - Site-wide	050-00483/2008-005
<b>Number of Items for this Docket:</b> 19			
<b>Percent of Total for this Docket:</b> 16			

**Training / IR**

100 - Training LTA	L - Licensing / regulatory affairs	A - Administrative	050-00483/2009-004
100 - Training LTA	L - Licensing / regulatory affairs	A - Administrative	050-00483/2009-004
100 - Training LTA	T - Training	N - Training	050-00483/2008-005
100 - Training LTA	T - Training	N - Training	050-00483/2008-005
102 - Individual knowledge LTA	O - Operations	O - Control Room Ops	050-00483/2008-005
102 - Individual knowledge LTA	O - Operations	O - Control Room Ops	050-00483/2008-005
<b>Number of Items for this Docket:</b> 6			
<b>Percent of Total for this Docket:</b> 5			

**Work Planning & Practices / IR**

180 - Scheduling and planning LTA	M - Mechanical	M - Maintenance / Repair	050-00483/2009-009
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**Facility Name: Callaway Docket (050- 00483)**

Details	Department	Work Type	Docket/Report
<b>Work Planning &amp; Practices / IR</b>			
182 - Work package quality LTA	G - Engineering	G - Design	050-00483/2009-009
182 - Work package quality LTA	O - Operations	O - Control Room Ops	050-00483/2008-005
183 - Pre-job activities LTA	M - Mechanical	M - Maintenance / Repair	050-00483/2008-005
183 - Pre-job activities LTA	G - Engineering	G - Design	050-00483/2009-009
183 - Pre-job activities LTA	O - Operations	O - Control Room Ops	050-00483/2008-005
184 - Tag outs LTA	O - Operations	O - Control Room Ops	050-00483/2008-005
184 - Tag outs LTA	O - Operations	O - Control Room Ops	050-00483/2008-005
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00483/2009-009
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00483/2008-005
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00483/2009-009
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00483/2009-004
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00483/2009-009
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00483/2008-005
185 - Procedural adherence LTA	G - Engineering	G - Design	050-00483/2008-005
185 - Procedural adherence LTA	G - Engineering	G - Design	050-00483/2008-005
185 - Procedural adherence LTA	G - Engineering	G - Design	050-00483/2008-005
185 - Procedural adherence LTA	G - Engineering	G - Design	050-00483/2008-005
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00483/2008-005
185 - Procedural adherence LTA	F - Fuel Handling	R - Refueling	050-00483/2008-005
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00483/2008-005
185 - Procedural adherence LTA	F - Fuel Handling	R - Refueling	050-00483/2008-005
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00483/2009-004
186 - Failure to take action / meet requirements	Q - Quality assurance / oversight	M - Maintenance / Repair	050-00483/2009-007
186 - Failure to take action / meet requirements	M - Mechanical	V - Troubleshooting	050-00483/2009-009
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00483/2008-005
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00483/2009-004
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00483/2009-009
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00483/2008-005
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00483/2008-005
186 - Failure to take action / meet requirements	G - Engineering	G - Design	050-00483/2008-005
186 - Failure to take action / meet requirements	G - Engineering	G - Design	050-00483/2008-005
186 - Failure to take action / meet requirements	G - Engineering	G - Design	050-00483/2008-005

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Details	Department	Work Type	Docket/Report
<b>Work Planning &amp; Practices / IR</b>			
186 - Failure to take action / meet requirements	G - Engineering	G - Design	050-00483/2008-005
186 - Failure to take action / meet requirements	F - Fuel Handling	R - Refueling	050-00483/2008-005
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00483/2008-005
186 - Failure to take action / meet requirements	F - Fuel Handling	R - Refueling	050-00483/2008-005
187 - Action implementation LTA	M - Mechanical	F - Modification	050-00483/2008-005
187 - Action implementation LTA	G - Engineering	G - Design	050-00483/2008-005
187 - Action implementation LTA	G - Engineering	G - Design	050-00483/2009-009
187 - Action implementation LTA	G - Engineering	G - Design	050-00483/2009-009
187 - Action implementation LTA	G - Engineering	G - Design	050-00483/2008-005
189 - Recognition of adverse condition / questioning attitude LTA	O - Operations	O - Control Room Ops	050-00483/2008-005
190 - Failure to stop work / non-conservative decision making	M - Mechanical	M - Maintenance / Repair	050-00483/2008-005
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00483/2008-005
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00483/2008-005
190 - Failure to stop work / non-conservative decision making	F - Fuel Handling	R - Refueling	050-00483/2008-005
191 - Team interactions LTA	M - Mechanical	M - Maintenance / Repair	050-00483/2008-005
196 - Independent verification / plant tours LTA	O - Operations	O - Control Room Ops	050-00483/2008-005
197 - Self-check LTA	O - Operations	O - Control Room Ops	050-00483/2008-005
197 - Self-check LTA	G - Engineering	G - Design	050-00483/2008-005
197 - Self-check LTA	G - Engineering	G - Design	050-00483/2008-005
197 - Self-check LTA	G - Engineering	G - Design	050-00483/2008-005
197 - Self-check LTA	G - Engineering	G - Design	050-00483/2008-005
<b>Number of Items for this Docket: 54</b>			
<b>Percent of Total for this Docket: 45</b>			
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<b>Communication / LER</b>			
160 - No communication / information not communicated	O - Operations	B - Bal of Plant Ops	050-00483/2009-004-00
161 - Communication LTA	M - Mechanical	M - Maintenance / Repair	050-00483/2009-002-00
161 - Communication LTA	M - Mechanical	M - Maintenance / Repair	050-00483/2009-002-00
<b>Number of Items for this Docket: 3</b>			
<b>Percent of Total for this Docket: 2</b>			
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<b>Human-System Interface &amp; Environmnt / LER</b>			
170 - HSI or information availability / quality LTA	O - Operations	B - Bal of Plant Ops	050-00483/2009-004-00

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<b>Facility Name: Callaway Docket (050- 00483)</b>			
<b>Details</b>	<b>Department</b>	<b>Work Type</b>	<b>Docket/Report</b>
<b>Human-System Interface &amp; Environmnt / LER</b>			
170 - HSI or information availability / quality LTA	O - Operations	V - Troubleshooting	050-00483/2009-004-00
<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	O - Operations	O - Control Room Ops	050-00483/2009-004-00
<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	M - Maintenance / Repair	050-00483/2009-001-01
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00483/2007-001-00
112 - Procedure / reference document contains human factors deficienc	W - Work Control / Scheduling Outage Pla	A - Administrative	050-00483/2007-001-00
113 - Procedure / reference document development and maintenance L	M - Mechanical	T - Testing	050-00483/2007-001-00
<b>Number of Items for this Docket: 4</b>			
<b>Percent of Total for this Docket: 3</b>			
<b>Problem Identification &amp; Resolution / LER</b>			
143 - Tracking / trending LTA	I - Instrumentation & Control	M - Maintenance / Repair	050-00483/2009-001-01
147 - Individual corrective action LTA	P - Procedure Writers	P - Procedure Dev	050-00483/2007-001-00
<b>Number of Items for this Docket: 2</b>			
<b>Percent of Total for this Docket: 2</b>			
<b>Training / LER</b>			
100 - Training LTA	W - Work Control / Scheduling Outage Pla	A - Administrative	050-00483/2007-001-00
101 - Training process problem	O - Operations	V - Troubleshooting	050-00483/2009-004-00
<b>Number of Items for this Docket: 2</b>			
<b>Percent of Total for this Docket: 2</b>			
<b>Work Planning &amp; Practices / LER</b>			
182 - Work package quality LTA	M - Mechanical	T - Testing	050-00483/2007-001-00
186 - Failure to take action / meet requirements	I - Instrumentation & Control	M - Maintenance / Repair	050-00483/2009-001-01
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00483/2009-002-00
189 - Recognition of adverse condition / questioning attitude LTA	M - Mechanical	M - Maintenance / Repair	050-00483/2009-002-00
189 - Recognition of adverse condition / questioning attitude LTA	O - Operations	V - Troubleshooting	050-00483/2009-004-00
189 - Recognition of adverse condition / questioning attitude LTA	G - Engineering	V - Troubleshooting	050-00483/2009-004-00
192 - Work untimely	O - Operations	O - Control Room Ops	050-00483/2009-004-00

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Details	Department	Work Type	Docket/Report
<b>Work Planning &amp; Practices / LER</b>			
195 - Logkeeping or log review LTA	O - Operations	B - Bal of Plant Ops	050-00483/2009-004-00
<b>Number of Items for this Docket: 8</b>			
<b>Percent of Total for this Docket: 7</b>			

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**Total Items for this Docket: 121**

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