

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

Total Number of Hits: 124

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 124

Facility Name: Columbia Generating Station Docket (050- 00397)

Details	Department	Work Type	Docket/Report
Human-System Interface & Environmnt / IR			
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00397/2009-010
170 - HSI or information availability / quality LTA	M - Mechanical	M - Maintenance / Repair	050-00397/2009-008
170 - HSI or information availability / quality LTA	M - Mechanical	M - Maintenance / Repair	050-00397/2009-008
170 - HSI or information availability / quality LTA	M - Mechanical	M - Maintenance / Repair	050-00397/2009-008
Number of Items for this Docket: 4			
Percent of Total for this Docket: 3			
Procedures & Reference Document / IR			
111 - Procedure / reference document technical content	G - Engineering	G - Design	050-00397/2008-005
111 - Procedure / reference document technical content	P - Procedure Writers	P - Procedure Dev	050-00397/2008-005
113 - Procedure / reference document development and maintenance L	M - Mechanical	M - Maintenance / Repair	050-00397/2008-005
Number of Items for this Docket: 3			
Percent of Total for this Docket: 2			
Problem Identification & Resolution / IR			
140 - Problem not completely or accurately identified	X - Site-wide	X - Site-wide	050-00397/2009-008
140 - Problem not completely or accurately identified	Q - Quality assurance / oversight	O - Control Room Ops	050-00397/2009-008
140 - Problem not completely or accurately identified	M - Mechanical	M - Maintenance / Repair	050-00397/2009-008
140 - Problem not completely or accurately identified	I - Instrumentation & Control	M - Maintenance / Repair	050-00397/2009-010
140 - Problem not completely or accurately identified	M - Mechanical	M - Maintenance / Repair	050-00397/2009-008
140 - Problem not completely or accurately identified	M - Mechanical	M - Maintenance / Repair	050-00397/2009-008
140 - Problem not completely or accurately identified	M - Mechanical	M - Maintenance / Repair	050-00397/2009-008
140 - Problem not completely or accurately identified	M - Mechanical	M - Maintenance / Repair	050-00397/2009-008
140 - Problem not completely or accurately identified	M - Mechanical	M - Maintenance / Repair	050-00397/2009-008
140 - Problem not completely or accurately identified	O - Operations	O - Control Room Ops	050-00397/2009-008
141 - Problem not properly classified or prioritized	M - Mechanical	M - Maintenance / Repair	050-00397/2009-008
142 - Operating experience (OE) review LTA	I - Instrumentation & Control	F - Modification	050-00397/2009-010
142 - Operating experience (OE) review LTA	I - Instrumentation & Control	M - Maintenance / Repair	050-00397/2009-010
142 - Operating experience (OE) review LTA	G - Engineering	G - Design	050-00397/2009-008
142 - Operating experience (OE) review LTA	O - Operations	O - Control Room Ops	050-00397/2009-008
143 - Tracking / trending LTA	X - Site-wide	X - Site-wide	050-00397/2009-008
143 - Tracking / trending LTA	M - Mechanical	M - Maintenance / Repair	050-00397/2009-004
143 - Tracking / trending LTA	Q - Quality assurance / oversight	O - Control Room Ops	050-00397/2009-008
143 - Tracking / trending LTA	H - Health Physics	H - Health Physics	050-00397/2009-008

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Facility Name: Columbia Generating Station Docket (050- 00397)

Details	Department	Work Type	Docket/Report
Problem Identification & Resolution / IR			
150 - Programmatic deficiency	O - Operations	O - Control Room Ops	050-00397/2009-008
151 - Willingness to raise concerns LTA	X - Site-wide	X - Site-wide	050-00397/2009-008
Number of Items for this Docket: 53			
Percent of Total for this Docket: 43			
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Work Planning & Practices / IR			
182 - Work package quality LTA	I - Instrumentation & Control	F - Modification	050-00397/2009-010
182 - Work package quality LTA	A - Administrative Support	A - Administrative	050-00397/2009-008
182 - Work package quality LTA	I - Instrumentation & Control	M - Maintenance / Repair	050-00397/2009-010
183 - Pre-job activities LTA	I - Instrumentation & Control	F - Modification	050-00397/2009-010
183 - Pre-job activities LTA	A - Administrative Support	A - Administrative	050-00397/2009-008
183 - Pre-job activities LTA	I - Instrumentation & Control	M - Maintenance / Repair	050-00397/2009-010
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00397/2008-005
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00397/2009-004
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00397/2009-004
185 - Procedural adherence LTA	I - Instrumentation & Control	F - Modification	050-00397/2009-010
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00397/2009-004
185 - Procedural adherence LTA	H - Health Physics	H - Health Physics	050-00397/2009-008
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00397/2009-008
185 - Procedural adherence LTA	I - Instrumentation & Control	M - Maintenance / Repair	050-00397/2009-010
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00397/2009-008
186 - Failure to take action / meet requirements	I - Instrumentation & Control	F - Modification	050-00397/2009-010
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00397/2009-004
186 - Failure to take action / meet requirements	H - Health Physics	H - Health Physics	050-00397/2009-008
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00397/2009-008
186 - Failure to take action / meet requirements	Y - Shipping / transportation	Y - Shipping / transportatic	050-00397/2009-008
186 - Failure to take action / meet requirements	G - Engineering	G - Design	050-00397/2009-008
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00397/2009-008
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00397/2009-008
187 - Action implementation LTA	G - Engineering	F - Modification	050-00397/2009-010
187 - Action implementation LTA	G - Engineering	F - Modification	050-00397/2009-010
187 - Action implementation LTA	G - Engineering	G - Design	050-00397/2009-008
187 - Action implementation LTA	G - Engineering	G - Design	050-00397/2009-008

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Facility Name: Columbia Generating Station Docket (050- 00397)

Details	Department	Work Type	Docket/Report
Work Planning & Practices / IR			
188 - Work practice or craft skill LTA	I - Instrumentation & Control	M - Maintenance / Repair	050-00397/2009-010
189 - Recognition of adverse condition / questioning attitude LTA	M - Mechanical	M - Maintenance / Repair	050-00397/2009-008
189 - Recognition of adverse condition / questioning attitude LTA	O - Operations	O - Control Room Ops	050-00397/2009-008
190 - Failure to stop work / non-conservative decision making	I - Instrumentation & Control	M - Maintenance / Repair	050-00397/2009-010
194 - Housekeeping LTA	M - Mechanical	M - Maintenance / Repair	050-00397/2009-004
194 - Housekeeping LTA	M - Mechanical	M - Maintenance / Repair	050-00397/2009-008
194 - Housekeeping LTA	M - Mechanical	M - Maintenance / Repair	050-00397/2009-008
197 - Self-check LTA	O - Operations	O - Control Room Ops	050-00397/2009-004
197 - Self-check LTA	I - Instrumentation & Control	F - Modification	050-00397/2009-010
Number of Items for this Docket: 36			
Percent of Total for this Docket: 29			
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Human-System Interface & Environmnt / LER			
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00397/2009-003-00
170 - HSI or information availability / quality LTA	O - Operations	B - Bal of Plant Ops	050-00397/2009-003-01
170 - HSI or information availability / quality LTA	E - Electrical	M - Maintenance / Repair	050-00397/2009-004-01
170 - HSI or information availability / quality LTA	M - Mechanical	M - Maintenance / Repair	050-00397/2009-005-00
Number of Items for this Docket: 4			
Percent of Total for this Docket: 3			
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Oversight / LER			
130 - Inadequate suprevison / command and control	M - Mechanical	M - Maintenance / Repair	050-00397/2009-005-00
131 - Management expectations or directions LTA	M - Mechanical	M - Maintenance / Repair	050-00397/2009-005-00
Number of Items for this Docket: 2			
Percent of Total for this Docket: 2			
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Procedures & Reference Document / LER			
111 - Procedure / reference document technical content	E - Electrical	M - Maintenance / Repair	050-00397/2009-004-00
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00397/2009-003-00
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00397/2009-003-01
111 - Procedure / reference document technical content	E - Electrical	M - Maintenance / Repair	050-00397/2009-004-01
111 - Procedure / reference document technical content	O - Operations	B - Bal of Plant Ops	050-00397/2009-003-00
Number of Items for this Docket: 5			
Percent of Total for this Docket: 4			

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Details	Department	Work Type	Docket/Report
Problem Identification & Resolution / LER			
140 - Problem not completely or accurately identified	M - Mechanical	M - Maintenance / Repair	050-00397/2009-005-00
143 - Tracking / trending LTA	E - Electrical	M - Maintenance / Repair	050-00397/2009-004-01
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00397/2009-005-00
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00397/2009-002-00
149 - No action planned	M - Mechanical	M - Maintenance / Repair	050-00397/2009-002-00
Number of Items for this Docket: 5			
Percent of Total for this Docket: 4			
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Training / LER			
100 - Training LTA	O - Operations	B - Bal of Plant Ops	050-00397/2009-003-01
100 - Training LTA	G - Engineering	G - Design	050-00397/2009-003-01
Number of Items for this Docket: 2			
Percent of Total for this Docket: 2			
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Work Planning & Practices / LER			
180 - Scheduling and planning LTA	O - Operations	B - Bal of Plant Ops	050-00397/2009-003-00
180 - Scheduling and planning LTA	M - Mechanical	M - Maintenance / Repair	050-00397/2009-003-00
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00397/2009-004-01
186 - Failure to take action / meet requirements	E - Electrical	M - Maintenance / Repair	050-00397/2009-004-01
186 - Failure to take action / meet requirements	M - Mechanical	T - Testing	050-00397/2009-005-00
187 - Action implementation LTA	G - Engineering	G - Design	050-00397/2009-004-00
187 - Action implementation LTA	G - Engineering	G - Design	050-00397/2009-004-01
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00397/2009-005-00
188 - Work practice or craft skill LTA	G - Engineering	G - Design	050-00397/2009-004-01
190 - Failure to stop work / non-conservative decision making	M - Mechanical	M - Maintenance / Repair	050-00397/2009-005-00
Number of Items for this Docket: 10			
Percent of Total for this Docket: 8			
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Total Items for this Docket: 124			
