

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

Total Number of Hits: 165

National Average: 30

2x National Average: 60

National Median: 18

Average for Selected Dockets: 55

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**Facility Name: Browns Ferry 3 Docket (050- 00296)**

Details	Department	Work Type	Docket/Report
<b>Communication / IR</b>			
160 - No communication / information not communicated	L - Licensing / regulatory affairs	A - Administrative	050-00296/2009-009
<b>Number of Items for this Docket: 1</b>			
<b>Percent of Total for this Docket: 2</b>			
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<b>Human-System Interface &amp; Environmnt / IR</b>			
170 - HSI or information availability / quality LTA	M - Mechanical	M - Maintenance / Repair	050-00296/2009-009
170 - HSI or information availability / quality LTA	I - Instrumentation & Control	T - Testing	050-00296/2010-003
173 - Physical conditions LTA	I - Instrumentation & Control	T - Testing	050-00296/2010-003
<b>Number of Items for this Docket: 3</b>			
<b>Percent of Total for this Docket: 5</b>			
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<b>Oversight / IR</b>			
130 - Inadequate suprevison / command and control	O - Operations	O - Control Room Ops	050-00296/2010-002
<b>Number of Items for this Docket: 1</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	I - Instrumentation & Control	T - Testing	050-00296/2010-003
111 - Procedure / reference document technical content	D - Emergency Planning	D - Emergency Drill	050-00296/2009-008
111 - Procedure / reference document technical content	P - Procedure Writers	P - Procedure Dev	050-00296/2009-008
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00296/2009-008
111 - Procedure / reference document technical content	O - Operations	S - Surveillance	050-00296/2010-002
111 - Procedure / reference document technical content	P - Procedure Writers	P - Procedure Dev	050-00296/2010-002
111 - Procedure / reference document technical content	G - Engineering	G - Design	050-00296/2009-008
113 - Procedure / reference document development and maintenance L	E - Electrical	T - Testing	050-00296/2009-008
113 - Procedure / reference document development and maintenance L	O - Operations	O - Control Room Ops	050-00296/2009-009
<b>Number of Items for this Docket: 9</b>			
<b>Percent of Total for this Docket: 15</b>			
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<b>Problem Identification &amp; Resolution / IR</b>			
140 - Problem not completely or accurately identified	O - Operations	O - Control Room Ops	050-00296/2010-002
140 - Problem not completely or accurately identified	O - Operations	S - Surveillance	050-00296/2010-002
142 - Operating experience (OE) review LTA	D - Emergency Planning	D - Emergency Drill	050-00296/2009-008
142 - Operating experience (OE) review LTA	G - Engineering	G - Design	050-00296/2009-008
142 - Operating experience (OE) review LTA	I - Instrumentation & Control	T - Testing	050-00296/2010-003
143 - Tracking / trending LTA	M - Mechanical	M - Maintenance / Repair	050-00296/2009-005

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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	050-00296/2009-005
143 - Tracking / trending LTA	O - Operations	O - Control Room Ops	050-00296/2010-002
146 - Evaluation LTA	M - Mechanical	S - Surveillance	050-00296/2009-009
146 - Evaluation LTA	G - Engineering	G - Design	050-00296/2009-008
146 - Evaluation LTA	S - Specialized task force	W - Assessment	050-00296/2009-009
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00296/2009-005
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00296/2009-005
148 - Action not yet started or untimely	O - Operations	O - Control Room Ops	050-00296/2009-009
148 - Action not yet started or untimely	O - Operations	S - Surveillance	050-00296/2010-002
150 - Programmatic deficiency	M - Mechanical	M - Maintenance / Repair	050-00296/2009-005
150 - Programmatic deficiency	M - Mechanical	S - Surveillance	050-00296/2009-009
150 - Programmatic deficiency	I - Instrumentation & Control	T - Testing	050-00296/2010-003
<b>Number of Items for this Docket:</b> 18			
<b>Percent of Total for this Docket:</b> 29			

**Training / IR**

102 - Individual knowledge LTA	I - Instrumentation & Control	T - Testing	050-00296/2010-003
<b>Number of Items for this Docket:</b> 1			
<b>Percent of Total for this Docket:</b> 2			

**Work Planning & Practices / IR**

180 - Scheduling and planning LTA	M - Mechanical	M - Maintenance / Repair	050-00296/2009-009
180 - Scheduling and planning LTA	O - Operations	O - Control Room Ops	050-00296/2009-005
181 - Inadequate staffing / task allocation	I - Instrumentation & Control	T - Testing	050-00296/2010-003
181 - Inadequate staffing / task allocation	F - Fuel Handling	R - Refueling	050-00296/2010-002
181 - Inadequate staffing / task allocation	O - Operations	O - Control Room Ops	050-00296/2009-005
185 - Procedural adherence LTA	F - Fuel Handling	R - Refueling	050-00296/2010-002
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00296/2009-005
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00296/2010-002
185 - Procedural adherence LTA	I - Instrumentation & Control	T - Testing	050-00296/2010-003
186 - Failure to take action / meet requirements	M - Mechanical	S - Surveillance	050-00296/2009-009
186 - Failure to take action / meet requirements	F - Fuel Handling	R - Refueling	050-00296/2010-002
186 - Failure to take action / meet requirements	E - Electrical	T - Testing	050-00296/2009-008
186 - Failure to take action / meet requirements	D - Emergency Planning	D - Emergency Drill	050-00296/2009-008

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<b>Work Planning &amp; Practices / IR</b>			
186 - Failure to take action / meet requirements	I - Instrumentation & Control	T - Testing	050-00296/2010-003
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00296/2009-005
186 - Failure to take action / meet requirements	L - Licensing / regulatory affairs	A - Administrative	050-00296/2009-009
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00296/2009-009
186 - Failure to take action / meet requirements	O - Operations	S - Surveillance	050-00296/2010-002
187 - Action implementation LTA	G - Engineering	G - Design	050-00296/2009-008
187 - Action implementation LTA	G - Engineering	G - Design	050-00296/2009-008
189 - Recognition of adverse condition / questioning attitude LTA	O - Operations	O - Control Room Ops	050-00296/2010-002
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00296/2009-009
191 - Team interactions LTA	M - Mechanical	S - Surveillance	050-00296/2009-009
191 - Team interactions LTA	M - Mechanical	M - Maintenance / Repair	050-00296/2009-009
<b>Number of Items for this Docket: 24</b>			
<b>Percent of Total for this Docket: 39</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	050-00296/2010-002-00
<b>Number of Items for this Docket: 1</b>			
<b>Percent of Total for this Docket: 2</b>			
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<b>Procedures &amp; Reference Document / LER</b>			
112 - Procedure / reference document contains human factors deficienc	O - Operations	B - Bal of Plant Ops	050-00296/2010-002-00
<b>Number of Items for this Docket: 1</b>			
<b>Percent of Total for this Docket: 2</b>			
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<b>Work Planning &amp; Practices / LER</b>			
185 - Procedural adherence LTA	O - Operations	B - Bal of Plant Ops	050-00296/2010-002-00
196 - Independent verification / plant tours LTA	O - Operations	B - Bal of Plant Ops	050-00296/2010-002-00
197 - Self-check LTA	O - Operations	B - Bal of Plant Ops	050-00296/2010-002-00
<b>Number of Items for this Docket: 3</b>			
<b>Percent of Total for this Docket: 5</b>			
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<b>Total Items for this Docket: 62</b>			

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