

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

Total Number of Hits: 64

National Average: 30

2x National Average: 60

National Median: 18

Average for Selected Dockets: 64

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**Facility Name: Duane Arnold Docket (050- 00331)**

Details	Department	Work Type	Docket/Report
<b>Communication / IR</b>			
160 - No communication / information not communicated	H - Health Physics	H - Health Physics	050-00331/2009-005
160 - No communication / information not communicated	O - Operations	N - Training	050-00331/2010-002
<b>Number of Items for this Docket: 2</b>			
<b>Percent of Total for this Docket: 3</b>			
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<b>Human-System Interface &amp; Environmnt / IR</b>			
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00331/2009-013
170 - HSI or information availability / quality LTA	M - Mechanical	M - Maintenance / Repair	050-00331/2009-013
<b>Number of Items for this Docket: 2</b>			
<b>Percent of Total for this Docket: 3</b>			
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<b>Procedures &amp; Reference Document / IR</b>			
111 - Procedure / reference document technical content	F - Fuel Handling	R - Refueling	050-00331/2010-002
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00331/2010-008
111 - Procedure / reference document technical content	H - Health Physics	H - Health Physics	050-00331/2010-002
113 - Procedure / reference document development and maintenance L	D - Emergency Planning	D - Emergency Drill	050-00331/2009-005
113 - Procedure / reference document development and maintenance L	G - Engineering	G - Design	050-00331/2010-002
<b>Number of Items for this Docket: 5</b>			
<b>Percent of Total for this Docket: 8</b>			
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<b>Problem Identification &amp; Resolution / IR</b>			
140 - Problem not completely or accurately identified	H - Health Physics	H - Health Physics	050-00331/2009-005
142 - Operating experience (OE) review LTA	S - Specialized task force	W - Assessment	050-00331/2009-013
142 - Operating experience (OE) review LTA	G - Engineering	G - Design	050-00331/2010-008
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00331/2010-008
142 - Operating experience (OE) review LTA	O - Operations	O - Control Room Ops	050-00331/2009-013
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00331/2009-013
144 - Audit / self-assessment / effectiveness review LTA	T - Training	N - Training	050-00331/2010-002
145 - Causal development LTA	S - Specialized task force	N - Training	050-00331/2009-013
146 - Evaluation LTA	G - Engineering	G - Design	050-00331/2010-008
146 - Evaluation LTA	S - Specialized task force	W - Assessment	050-00331/2009-013
146 - Evaluation LTA	G - Engineering	G - Design	050-00331/2010-002
146 - Evaluation LTA	F - Fuel Handling	R - Refueling	050-00331/2010-002
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00331/2010-008
147 - Individual corrective action LTA	O - Operations	O - Control Room Ops	050-00331/2009-013

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Details	Department	Work Type	Docket/Report
<b>Problem Identification &amp; Resolution / IR</b>			
147 - Individual corrective action LTA	M - Mechanical	M - Maintenance / Repair	050-00331/2009-013
148 - Action not yet started or untimely	G - Engineering	M - Maintenance / Repair	050-00331/2010-008
150 - Programmatic deficiency	S - Specialized task force	W - Assessment	050-00331/2009-013
<b>Number of Items for this Docket: 17</b>			
<b>Percent of Total for this Docket: 27</b>			
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<b>Training / IR</b>			
100 - Training LTA	T - Training	N - Training	050-00331/2010-002
102 - Individual knowledge LTA	O - Operations	O - Control Room Ops	050-00331/2010-002
<b>Number of Items for this Docket: 2</b>			
<b>Percent of Total for this Docket: 3</b>			
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<b>Work Planning &amp; Practices / IR</b>			
185 - Procedural adherence LTA	G - Engineering	G - Design	050-00331/2010-008
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00331/2009-013
185 - Procedural adherence LTA	I - Instrumentation & Control	S - Surveillance	050-00331/2009-005
186 - Failure to take action / meet requirements	H - Health Physics	H - Health Physics	050-00331/2009-005
186 - Failure to take action / meet requirements	G - Engineering	G - Design	050-00331/2010-002
186 - Failure to take action / meet requirements	G - Engineering	G - Design	050-00331/2010-008
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00331/2009-005
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00331/2009-013
186 - Failure to take action / meet requirements	H - Health Physics	H - Health Physics	050-00331/2009-005
186 - Failure to take action / meet requirements	O - Operations	S - Surveillance	050-00331/2010-008
186 - Failure to take action / meet requirements	O - Operations	N - Training	050-00331/2010-002
186 - Failure to take action / meet requirements	H - Health Physics	H - Health Physics	050-00331/2010-002
187 - Action implementation LTA	F - Fuel Handling	R - Refueling	050-00331/2010-002
187 - Action implementation LTA	G - Engineering	G - Design	050-00331/2010-008
187 - Action implementation LTA	G - Engineering	G - Design	050-00331/2010-002
187 - Action implementation LTA	G - Engineering	G - Design	050-00331/2010-008
188 - Work practice or craft skill LTA	H - Health Physics	H - Health Physics	050-00331/2009-005
188 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00331/2010-002
189 - Recognition of adverse condition / questioning attitude LTA	H - Health Physics	H - Health Physics	050-00331/2009-005
189 - Recognition of adverse condition / questioning attitude LTA	H - Health Physics	H - Health Physics	050-00331/2009-005
190 - Failure to stop work / non-conservative decision making	H - Health Physics	N - Training	050-00331/2009-005

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Details	Department	Work Type	Docket/Report
<b>Work Planning &amp; Practices / IR</b>			
191 - Team interactions LTA	H - Health Physics	H - Health Physics	050-00331/2010-002
194 - Housekeeping LTA	M - Mechanical	M - Maintenance / Repair	050-00331/2010-008
195 - Logkeeping or log review LTA	O - Operations	S - Surveillance	050-00331/2010-008
<b>Number of Items for this Docket:</b> 24			
<b>Percent of Total for this Docket:</b> 38			
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<b>Human-System Interface &amp; Environmnt / LER</b>			
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00331/2010-002-00
170 - HSI or information availability / quality LTA	P - Procedure Writers	P - Procedure Dev	050-00331/2010-002-00
<b>Number of Items for this Docket:</b> 2			
<b>Percent of Total for this Docket:</b> 3			
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<b>Procedures &amp; Reference Document / LER</b>			
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00331/2010-002-00
111 - Procedure / reference document technical content	O - Operations	S - Surveillance	050-00331/2010-002-00
112 - Procedure / reference document contains human factors deficienc	O - Operations	O - Control Room Ops	050-00331/2010-002-00
113 - Procedure / reference document development and maintenance L	O - Operations	O - Control Room Ops	050-00331/2010-005-00
<b>Number of Items for this Docket:</b> 4			
<b>Percent of Total for this Docket:</b> 6			
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<b>Problem Identification &amp; Resolution / LER</b>			
142 - Operating experience (OE) review LTA	O - Operations	O - Control Room Ops	050-00331/2010-002-00
<b>Number of Items for this Docket:</b> 1			
<b>Percent of Total for this Docket:</b> 2			
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<b>Training / LER</b>			
100 - Training LTA	O - Operations	O - Control Room Ops	050-00331/2010-002-00
100 - Training LTA	T - Training	N - Training	050-00331/2010-002-00
100 - Training LTA	T - Training	N - Training	050-00331/2010-002-00
101 - Training process problem	T - Training	N - Training	050-00331/2010-002-00
<b>Number of Items for this Docket:</b> 4			
<b>Percent of Total for this Docket:</b> 6			

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<b>Details</b>	<b>Department</b>	<b>Work Type</b>	<b>Docket/Report</b>
<b>Work Planning &amp; Practices / LER</b>			
187 - Action implementation LTA	P - Procedure Writers	P - Procedure Dev	050-00331/2010-005-00
<b>Number of Items for this Docket: 1</b>			
<b>Percent of Total for this Docket: 2</b>			

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**Total Items for this Docket: 64**

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