

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

Total Number of Hits: 73

National Average: 41

2x National Average: 82

National Median: 24

Average for Selected Dockets: 73

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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	M - Mechanical	M - Maintenance / Repair	050-00331/2007-002
160 - No communication / information not communicated	O - Operations	O - Control Room Ops	050-00331/2006-005
<b>Number of Items for this Docket: 2</b>			
<b>Percent of Total for this Docket: 3</b>			
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<b>Fitness for Duty / IR</b>			
128 - Non-compliance	O - Operations	O - Control Room Ops	050-00331/2007-003
<b>Number of Items for this Docket: 1</b>			
<b>Percent of Total for this Docket: 1</b>			
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<b>Oversight / IR</b>			
130 - Inadequate supervision / command and control	G - Engineering	G - Design	050-00331/2007-002
130 - Inadequate supervision / command and control	G - Engineering	T - Testing	050-00331/2007-002
130 - Inadequate supervision / command and control	M - Mechanical	M - Maintenance / Repair	050-00331/2007-003
130 - Inadequate supervision / command and control	O - Operations	O - Control Room Ops	050-00331/2006-005
130 - Inadequate supervision / command and control	O - Operations	O - Control Room Ops	050-00331/2006-009
131 - Management expectations or directions LTA	M - Mechanical	M - Maintenance / Repair	050-00331/2007-003
<b>Number of Items for this Docket: 6</b>			
<b>Percent of Total for this Docket: 8</b>			
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<b>Procedures &amp; Reference Document / IR</b>			
111 - Procedure / reference document technical content	D - Emergency Planning	Q - Fire Protection	050-00331/2007-003
111 - Procedure / reference document technical content	G - Engineering	G - Design	050-00331/2006-005
111 - Procedure / reference document technical content	G - Engineering	G - Design	050-00331/2006-005
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00331/2006-005
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00331/2006-005
111 - Procedure / reference document technical content	O - Operations	S - Surveillance	050-00331/2007-002
<b>Number of Items for this Docket: 6</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	G - Engineering	W - Assessment	050-00331/2007-007
140 - Problem not completely or accurately identified	O - Operations	O - Control Room Ops	050-00331/2006-009
144 - Audit / self-assessment / effectiveness review LTA	O - Operations	O - Control Room Ops	050-00331/2006-009
146 - Evaluation LTA	G - Engineering	W - Assessment	050-00331/2007-007
147 - Individual corrective action LTA	O - Operations	O - Control Room Ops	050-00331/2006-005

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Details	Department	Work Type	Docket/Report
<b>Problem Identification &amp; Resolution / IR</b>			
149 - No action planned	G - Engineering	W - Assessment	050-00331/2007-007
150 - Programmatic deficiency	M - Mechanical	M - Maintenance / Repair	050-00331/2007-002
<b>Number of Items for this Docket: 7</b>			
<b>Percent of Total for this Docket: 10</b>			
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<b>Training / IR</b>			
102 - Individual knowledge LTA	O - Operations	O - Control Room Ops	050-00331/2006-005
102 - Individual knowledge LTA	O - Operations	O - Control Room Ops	050-00331/2006-005
102 - Individual knowledge LTA	O - Operations	O - Control Room Ops	050-00331/2006-005
<b>Number of Items for this Docket: 3</b>			
<b>Percent of Total for this Docket: 4</b>			
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<b>Work Planning &amp; Practices / IR</b>			
183 - Pre-job activities LTA	H - Health Physics	H - Health Physics	050-00331/2007-002
185 - Procedural adherence LTA	G - Engineering	G - Design	050-00331/2007-003
185 - Procedural adherence LTA	G - Engineering	O - Control Room Ops	050-00331/2006-005
185 - Procedural adherence LTA	G - Engineering	T - Testing	050-00331/2007-002
185 - Procedural adherence LTA	H - Health Physics	H - Health Physics	050-00331/2007-002
185 - Procedural adherence LTA	H - Health Physics	X - Site-wide	050-00331/2006-005
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00331/2007-002
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00331/2007-002
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00331/2007-003
185 - Procedural adherence LTA	M - Mechanical	S - Surveillance	050-00331/2007-004
185 - Procedural adherence LTA	O - Operations	A - Administrative	050-00331/2006-005
185 - Procedural adherence LTA	Z - Other / Unknown	Z - Other / Unknown	050-00331/2007-004
186 - Failure to take action / meet requirements	G - Engineering	P - Procedure Dev	050-00331/2007-007
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00331/2007-002
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00331/2007-003
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00331/2006-005
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00331/2006-009
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00331/2007-003
187 - Action implementation LTA	G - Engineering	G - Design	050-00331/2006-008
187 - Action implementation LTA	G - Engineering	G - Design	050-00331/2006-008
187 - Action implementation LTA	G - Engineering	G - Design	050-00331/2007-002

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<b>Work Planning &amp; Practices / IR</b>			
187 - Action implementation LTA	G - Engineering	G - Design	050-00331/2007-002
187 - Action implementation LTA	G - Engineering	G - Design	050-00331/2007-007
187 - Action implementation LTA	G - Engineering	G - Design	050-00331/2007-007
187 - Action implementation LTA	O - Operations	S - Surveillance	050-00331/2006-008
188 - Work practice or craft skill LTA	O - Operations	S - Surveillance	050-00331/2006-008
188 - Work practice or craft skill LTA	O - Operations	S - Surveillance	050-00331/2006-008
188 - Work practice or craft skill LTA	O - Operations	S - Surveillance	050-00331/2006-008
189 - Recognition of adverse condition / questioning attitude LTA	O - Operations	O - Control Room Ops	050-00331/2006-009
189 - Recognition of adverse condition / questioning attitude LTA	O - Operations	S - Surveillance	050-00331/2007-002
189 - Recognition of adverse condition / questioning attitude LTA	Q - Quality assurance / oversight	M - Maintenance / Repair	050-00331/2007-003
190 - Failure to stop work / non-conservative decision making	G - Engineering	G - Design	050-00331/2006-008
190 - Failure to stop work / non-conservative decision making	G - Engineering	G - Design	050-00331/2007-004
191 - Team interactions LTA	G - Engineering	G - Design	050-00331/2006-005
191 - Team interactions LTA	G - Engineering	G - Design	050-00331/2007-002
191 - Team interactions LTA	O - Operations	O - Control Room Ops	050-00331/2006-005
191 - Team interactions LTA	O - Operations	O - Control Room Ops	050-00331/2007-002
197 - Self-check LTA	H - Health Physics	H - Health Physics	050-00331/2007-002
<b>Number of Items for this Docket:</b> 38			
<b>Percent of Total for this Docket:</b> 52			
<b>Oversight / LER</b>			
131 - Management expectations or directions LTA	Z - Other / Unknown	M - Maintenance / Repair	050-00331/2007-002-00
<b>Number of Items for this Docket:</b> 1			
<b>Percent of Total for this Docket:</b> 1			
<b>Procedures &amp; Reference Document / LER</b>			
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00331/2007-006-00
111 - Procedure / reference document technical content	O - Operations	S - Surveillance	050-00331/2007-005-00
111 - Procedure / reference document technical content	O - Operations	T - Testing	050-00331/2007-002-00
<b>Number of Items for this Docket:</b> 3			
<b>Percent of Total for this Docket:</b> 4			

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Details	Department	Work Type	Docket/Report
<b>Training / LER</b>			
100 - Training LTA	O - Operations	B - Bal of Plant Ops	050-00331/2007-002-00
<b>Number of Items for this Docket:</b> 1			
<b>Percent of Total for this Docket:</b> 1			
<b>Work Planning &amp; Practices / LER</b>			
180 - Scheduling and planning LTA	E - Electrical	M - Maintenance / Repair	050-00331/2007-007-00
183 - Pre-job activities LTA	O - Operations	S - Surveillance	050-00331/2007-005-00
185 - Procedural adherence LTA	Z - Other / Unknown	M - Maintenance / Repair	050-00331/2007-002-00
187 - Action implementation LTA	Z - Other / Unknown	M - Maintenance / Repair	050-00331/2007-008-00
197 - Self-check LTA	E - Electrical	M - Maintenance / Repair	050-00331/2007-007-00
<b>Number of Items for this Docket:</b> 5			
<b>Percent of Total for this Docket:</b> 7			
<b>Total Items for this Docket: 73</b>			

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