

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

Total Number of Hits: 81

National Average: 43

2x National Average: 86

National Median: 24

Average for Selected Dockets: 81

Facility Name: Quad Cities 1 Docket (050- 00254)

Details	Department	Work Type	Docket/Report
Communication / IR			
160 - No communication / information not communicated	O - Operations	O - Control Room Ops	050-00254/2005-006
161 - Communication LTA	I - Instrumentation & Control	M - Maintenance / Repair	050-00254/2005-006
161 - Communication LTA	O - Operations	O - Control Room Ops	050-00254/2005-006
Number of Items for this Docket: 3			
Percent of Total for this Docket: 4			
Human-System Interface & Environmnt / IR			
170 - HSI or information availability / quality LTA	D - Emergency Planning	Q - Fire Protection	050-00254/2006-002
170 - HSI or information availability / quality LTA	I - Instrumentation & Control	S - Surveillance	050-00254/2006-006
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00254/2005-006
Number of Items for this Docket: 3			
Percent of Total for this Docket: 4			
Oversight / IR			
130 - Inadequate supervision / command and control	E - Electrical	S - Surveillance	050-00254/2006-003
130 - Inadequate supervision / command and control	M - Mechanical	M - Maintenance / Repair	050-00254/2006-006
Number of Items for this Docket: 2			
Percent of Total for this Docket: 2			
Procedures & Reference Document / IR			
111 - Procedure / reference document technical content	D - Emergency Planning	Q - Fire Protection	050-00254/2006-002
111 - Procedure / reference document technical content	D - Emergency Planning	Q - Fire Protection	050-00254/2006-002
111 - Procedure / reference document technical content	E - Electrical	M - Maintenance / Repair	050-00254/2006-003
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00254/2006-006
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00254/2006-009
111 - Procedure / reference document technical content	O - Operations	B - Bal of Plant Ops	050-00254/2005-006
113 - Procedure / reference document development and maintenance L	P - Procedure Writers	P - Procedure Dev	050-00254/2006-013
113 - Procedure / reference document development and maintenance L	Z - Other / Unknown	Z - Other / Unknown	050-00254/2005-006
Number of Items for this Docket: 8			
Percent of Total for this Docket: 10			
Problem Identification & Resolution / IR			
140 - Problem not completely or accurately identified	G - Engineering	G - Design	050-00254/2006-012
140 - Problem not completely or accurately identified	M - Mechanical	M - Maintenance / Repair	050-00254/2006-006
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00254/2006-003
142 - Operating experience (OE) review LTA	O - Operations	O - Control Room Ops	050-00254/2005-006

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Details	Department	Work Type	Docket/Report
Problem Identification & Resolution / IR			
142 - Operating experience (OE) review LTA	O - Operations	O - Control Room Ops	050-00254/2006-012
143 - Tracking / trending LTA	M - Mechanical	M - Maintenance / Repair	050-00254/2006-006
144 - Audit / self-assessment / effectiveness review LTA	I - Instrumentation & Control	S - Surveillance	050-00254/2005-006
144 - Audit / self-assessment / effectiveness review LTA	O - Operations	O - Control Room Ops	050-00254/2005-006
146 - Evaluation LTA	D - Emergency Planning	Q - Fire Protection	050-00254/2006-002
146 - Evaluation LTA	G - Engineering	G - Design	050-00254/2006-005
146 - Evaluation LTA	S - Specialized task force	W - Assessment	050-00254/2006-009
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00254/2006-003
148 - Action not yet started or untimely	O - Operations	O - Control Room Ops	050-00254/2005-006
150 - Programmatic deficiency	M - Mechanical	M - Maintenance / Repair	050-00254/2006-003
Number of Items for this Docket: 14			
Percent of Total for this Docket: 17			
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Work Planning & Practices / IR			
180 - Scheduling and planning LTA	O - Operations	O - Control Room Ops	050-00254/2005-006
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00254/2006-003
184 - Tag outs LTA	M - Mechanical	M - Maintenance / Repair	050-00254/2006-003
185 - Procedural adherence LTA	D - Emergency Planning	Q - Fire Protection	050-00254/2006-002
185 - Procedural adherence LTA	E - Electrical	M - Maintenance / Repair	050-00254/2006-003
185 - Procedural adherence LTA	E - Electrical	M - Maintenance / Repair	050-00254/2006-003
185 - Procedural adherence LTA	E - Electrical	S - Surveillance	050-00254/2006-003
185 - Procedural adherence LTA	I - Instrumentation & Control	S - Surveillance	050-00254/2006-003
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00254/2006-006
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00254/2006-006
185 - Procedural adherence LTA	M - Mechanical	S - Surveillance	050-00254/2006-003
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00254/2006-003
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00254/2006-006
186 - Failure to take action / meet requirements	D - Emergency Planning	Q - Fire Protection	050-00254/2006-002
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00254/2006-003
187 - Action implementation LTA	E - Electrical	G - Design	050-00254/2006-003
187 - Action implementation LTA	E - Electrical	G - Design	050-00254/2006-003
187 - Action implementation LTA	E - Electrical	G - Design	050-00254/2006-003
187 - Action implementation LTA	G - Engineering	G - Design	050-00254/2006-003

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Details	Department	Work Type	Docket/Report
Work Planning & Practices / IR			
187 - Action implementation LTA	G - Engineering	G - Design	050-00254/2006-006
187 - Action implementation LTA	G - Engineering	G - Design	050-00254/2006-009
187 - Action implementation LTA	G - Engineering	Q - Fire Protection	050-00254/2006-002
187 - Action implementation LTA	G - Engineering	Q - Fire Protection	050-00254/2006-002
187 - Action implementation LTA	G - Engineering	S - Surveillance	050-00254/2006-003
188 - Work practice or craft skill LTA	G - Engineering	G - Design	050-00254/2005-006
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00254/2006-003
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00254/2006-005
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00254/2006-006
189 - Recognition of adverse condition / questioning attitude LTA	M - Mechanical	M - Maintenance / Repair	050-00254/2006-003
190 - Failure to stop work / non-conservative decision making	D - Emergency Planning	Q - Fire Protection	050-00254/2006-002
190 - Failure to stop work / non-conservative decision making	G - Engineering	G - Design	050-00254/2006-003
190 - Failure to stop work / non-conservative decision making	M - Mechanical	M - Maintenance / Repair	050-00254/2006-005
190 - Failure to stop work / non-conservative decision making	M - Mechanical	S - Surveillance	050-00254/2006-003
196 - Independent verification / plant tours LTA	G - Engineering	G - Design	050-00254/2006-009
196 - Independent verification / plant tours LTA	M - Mechanical	M - Maintenance / Repair	050-00254/2006-009
Number of Items for this Docket: 35			
Percent of Total for this Docket: 43			
Communication / LER			
161 - Communication LTA	O - Operations	T - Testing	050-00254/2006-003-01
161 - Communication LTA	O - Operations	T - Testing	050-00254/2006-003-01
Number of Items for this Docket: 2			
Percent of Total for this Docket: 2			
Procedures & Reference Document / LER			
110 - No procedure / reference documents	O - Operations	T - Testing	050-00254/2006-003-01
111 - Procedure / reference document technical content	E - Electrical	M - Maintenance / Repair	050-00254/2006-001-01
111 - Procedure / reference document technical content	E - Electrical	T - Testing	050-00254/2006-001-01
111 - Procedure / reference document technical content	E - Electrical	T - Testing	050-00254/2006-001-01
Number of Items for this Docket: 4			
Percent of Total for this Docket: 5			
Work Planning & Practices / LER			
183 - Pre-job activities LTA	O - Operations	O - Control Room Ops	050-00254/2006-003-01

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Details	Department	Work Type	Docket/Report
Work Planning & Practices / LER			
184 - Tag outs LTA	O - Operations	T - Testing	050-00254/2006-003-01
185 - Procedural adherence LTA	O - Operations	T - Testing	050-00254/2006-003-01
187 - Action implementation LTA	G - Engineering	V - Troubleshooting	050-00254/2006-004-00
189 - Recognition of adverse condition / questioning attitude LTA	G - Engineering	V - Troubleshooting	050-00254/2006-004-00
189 - Recognition of adverse condition / questioning attitude LTA	O - Operations	V - Troubleshooting	050-00254/2006-004-00
195 - Logkeeping or log review LTA	O - Operations	T - Testing	050-00254/2006-003-01
197 - Self-check LTA	O - Operations	O - Control Room Ops	050-00254/2006-003-01
197 - Self-check LTA	O - Operations	T - Testing	050-00254/2006-003-01
198 - Worker distracted / interrupted	O - Operations	O - Control Room Ops	050-00254/2006-003-01
Number of Items for this Docket: 10			
Percent of Total for this Docket: 12			

Total Items for this Docket: 81
