

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

Total Number of Hits: 114

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 114

Facility Name: Grand Gulf 1 Docket (050- 00416)

Details	Department	Work Type	Docket/Report
Communication / IR			
160 - No communication / information not communicated	D - Emergency Planning	Q - Fire Protection	050-00416/2008-005
160 - No communication / information not communicated	O - Operations	O - Control Room Ops	050-00416/2009-007
160 - No communication / information not communicated	O - Operations	O - Control Room Ops	050-00416/2009-007
Number of Items for this Docket: 3			
Percent of Total for this Docket: 3			
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Human-System Interface & Environmnt / IR			
170 - HSI or information availability / quality LTA	D - Emergency Planning	Q - Fire Protection	050-00416/2008-005
170 - HSI or information availability / quality LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2009-007
170 - HSI or information availability / quality LTA	M - Mechanical	M - Maintenance / Repair	050-00416/3009-006
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00416/2009-007
170 - HSI or information availability / quality LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
Number of Items for this Docket: 5			
Percent of Total for this Docket: 4			
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Oversight / IR			
130 - Inadequate suprevison / command and control	O - Operations	Q - Fire Protection	050-00416/2008-005
130 - Inadequate suprevison / command and control	O - Operations	O - Control Room Ops	050-00416/2009-007
130 - Inadequate suprevison / command and control	O - Operations	O - Control Room Ops	050-00416/2009-004
130 - Inadequate suprevison / command and control	O - Operations	O - Control Room Ops	050-00416/2008-005
131 - Management expectations or directions LTA	O - Operations	O - Control Room Ops	050-00416/2009-007
131 - Management expectations or directions LTA	O - Operations	O - Control Room Ops	050-00416/2008-005
Number of Items for this Docket: 6			
Percent of Total for this Docket: 5			
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Procedures & Reference Document / IR			
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00416/2009-007
111 - Procedure / reference document technical content	G - Engineering	G - Design	050-00416/2009-004
113 - Procedure / reference document development and maintenance L	G - Engineering	G - Design	050-00416/2009-004
113 - Procedure / reference document development and maintenance L	M - Mechanical	M - Maintenance / Repair	050-00416/3009-006
113 - Procedure / reference document development and maintenance L	G - Engineering	G - Design	050-00416/2009-004
113 - Procedure / reference document development and maintenance L	P - Procedure Writers	P - Procedure Dev	050-00416/3009-006
113 - Procedure / reference document development and maintenance L	P - Procedure Writers	P - Procedure Dev	050-00416/3009-006
113 - Procedure / reference document development and maintenance L	M - Mechanical	M - Maintenance / Repair	050-00416/3009-006
113 - Procedure / reference document development and maintenance L	G - Engineering	G - Design	050-00416/3009-006

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Details	Department	Work Type	Docket/Report
Procedures & Reference Document / IR			
113 - Procedure / reference document development and maintenance L	P - Procedure Writers	P - Procedure Dev	050-00416/3009-006
Number of Items for this Docket: 10			
Percent of Total for this Docket: 9			
Problem Identification & Resolution / IR			
140 - Problem not completely or accurately identified	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
142 - Operating experience (OE) review LTA	E - Electrical	G - Design	050-00416/3009-006
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00416/3009-006
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00416/3009-006
142 - Operating experience (OE) review LTA	G - Engineering	G - Design	050-00416/3009-006
142 - Operating experience (OE) review LTA	S - Specialized task force	W - Assessment	050-00416/3009-006
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
143 - Tracking / trending LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
143 - Tracking / trending LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
143 - Tracking / trending LTA	E - Electrical	M - Maintenance / Repair	050-00416/2008-005
146 - Evaluation LTA	O - Operations	Q - Fire Protection	050-00416/2009-004
146 - Evaluation LTA	E - Electrical	G - Design	050-00416/3009-006
146 - Evaluation LTA	G - Engineering	G - Design	050-00416/2009-004
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
146 - Evaluation LTA	S - Specialized task force	W - Assessment	050-00416/3009-006
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
147 - Individual corrective action LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
147 - Individual corrective action LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
147 - Individual corrective action LTA	O - Operations	W - Assessment	050-00416/3009-006
147 - Individual corrective action LTA	S - Specialized task force	W - Assessment	050-00416/3009-006
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
150 - Programmatic deficiency	M - Mechanical	M - Maintenance / Repair	050-00416/2009-007
150 - Programmatic deficiency	O - Operations	O - Control Room Ops	050-00416/2009-007
150 - Programmatic deficiency	G - Engineering	O - Control Room Ops	050-00416/2009-007

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Facility Name: Grand Gulf 1 Docket (050- 00416)

Details	Department	Work Type	Docket/Report
Problem Identification & Resolution / IR			
150 - Programmatic deficiency	S - Specialized task force	W - Assessment	050-00416/2009-007
150 - Programmatic deficiency	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
150 - Programmatic deficiency	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
150 - Programmatic deficiency	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
Number of Items for this Docket: 32			
Percent of Total for this Docket: 28			
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Work Planning & Practices / IR			
180 - Scheduling and planning LTA	O - Operations	B - Bal of Plant Ops	050-00416/2009-007
181 - Inadequate staffing / task allocation	O - Operations	Q - Fire Protection	050-00416/2008-005
181 - Inadequate staffing / task allocation	O - Operations	B - Bal of Plant Ops	050-00416/2009-007
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00416/3009-006
183 - Pre-job activities LTA	D - Emergency Planning	Q - Fire Protection	050-00416/2008-005
185 - Procedural adherence LTA	D - Emergency Planning	Q - Fire Protection	050-00416/2008-005
185 - Procedural adherence LTA	M - Mechanical	T - Testing	050-00416/3009-006
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2009-004
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2009-007
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00416/2009-004
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
185 - Procedural adherence LTA	G - Engineering	G - Design	050-00416/2009-007
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2009-007
185 - Procedural adherence LTA	E - Electrical	M - Maintenance / Repair	050-00416/2008-005
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00416/2008-005
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00416/2008-005
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00416/2009-004
186 - Failure to take action / meet requirements	D - Emergency Planning	Q - Fire Protection	050-00416/2008-005
186 - Failure to take action / meet requirements	M - Mechanical	T - Testing	050-00416/3009-006
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00416/2009-004
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00416/2009-004

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Details	Department	Work Type	Docket/Report
Work Planning & Practices / IR			
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00416/3009-006
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00416/2009-004
186 - Failure to take action / meet requirements	A - Administrative Support	A - Administrative	050-00416/2009-004
186 - Failure to take action / meet requirements	H - Health Physics	H - Health Physics	050-00416/2009-004
186 - Failure to take action / meet requirements	E - Electrical	T - Testing	050-00416/3009-006
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00416/2008-005
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
187 - Action implementation LTA	G - Engineering	G - Design	050-00416/3009-006
187 - Action implementation LTA	I - Instrumentation & Control	T - Testing	050-00416/3009-006
187 - Action implementation LTA	E - Electrical	G - Design	050-00416/3009-006
187 - Action implementation LTA	G - Engineering	G - Design	050-00416/2009-004
187 - Action implementation LTA	G - Engineering	G - Design	050-00416/2009-004
187 - Action implementation LTA	G - Engineering	G - Design	050-00416/2008-005
187 - Action implementation LTA	E - Electrical	G - Design	050-00416/3009-006
189 - Recognition of adverse condition / questioning attitude LTA	G - Engineering	G - Design	050-00416/2009-007
189 - Recognition of adverse condition / questioning attitude LTA	Q - Quality assurance / oversight	W - Assessment	050-00416/2009-007
190 - Failure to stop work / non-conservative decision making	E - Electrical	G - Design	050-00416/3009-006
190 - Failure to stop work / non-conservative decision making	G - Engineering	G - Design	050-00416/2009-004
190 - Failure to stop work / non-conservative decision making	G - Engineering	G - Design	050-00416/2009-004
190 - Failure to stop work / non-conservative decision making	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
190 - Failure to stop work / non-conservative decision making	G - Engineering	G - Design	050-00416/2009-007
194 - Housekeeping LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2008-005
197 - Self-check LTA	O - Operations	B - Bal of Plant Ops	050-00416/2009-007
197 - Self-check LTA	P - Procedure Writers	P - Procedure Dev	050-00416/3009-006
197 - Self-check LTA	E - Electrical	M - Maintenance / Repair	050-00416/2008-005
197 - Self-check LTA	O - Operations	O - Control Room Ops	050-00416/2008-005
Number of Items for this Docket: 52			
Percent of Total for this Docket: 46			

Procedures & Reference Document / LER

111 - Procedure / reference document technical content	M - Mechanical	T - Testing	050-00416/2009-004-00
111 - Procedure / reference document technical content	O - Operations	S - Surveillance	050-00416/2009-004-00

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Details	Department	Work Type	Docket/Report
Procedures & Reference Document / LER			
112 - Procedure / reference document contains human factors deficienc	Y - Shipping / transportation	Y - Shipping / transportatic	050-00416/2009-003-00
Number of Items for this Docket: 3			
Percent of Total for this Docket: 3			
Work Planning & Practices / LER			
185 - Procedural adherence LTA	M - Mechanical	T - Testing	050-00416/2009-004-01
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00416/2009-004-00
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00416/2009-004-00
Number of Items for this Docket: 3			
Percent of Total for this Docket: 3			
Total Items for this Docket: 114			
