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Document Types: IR, LER From 01/01/2008 to 12/31/2008

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

Total Number of Hits: 3662
National Average: 35
2x National Average: 70
National Median: 21

Average for Selected Dockets: 3	5

	Facility Name: Hope Creek 1 D	Oocket (050- 00354)	
Details	Department	Work Type	Docket/Report
Fitness for Duty / IR			
125 - Work hour control	O - Operations	O - Control Room Ops	050-00354/2008-002
125 - Work hour control	Z - Other / Unknown	Z - Other / Unknown	050-00354/2008-002
Number of Items for this Docket: 2 Percent of Total for this Docket: 4			
Human-System Interface & Environmnt / IR			
170 - HSI or information availability / quality LTA	M - Mechanical	M - Maintenance / Repair	050-00354/2007-005
170 - HSI or information availability / quality LTA	M - Mechanical	M - Maintenance / Repair	050-00354/2007-005
170 - HSI or information availability / quality LTA	M - Mechanical	M - Maintenance / Repair	050-00354/2007-005
Number of Items for this Docket: 3 Percent of Total for this Docket: 6			
Oversight / IR			
130 - Inadequate suprevision / command and control	M - Mechanical	M - Maintenance / Repair	050-00354/2007-005
Number of Items for this Docket: 1 Percent of Total for this Docket: 2			
Procedures & Reference Document / IR			
111 - Procedure / reference document technical content	H - Health Physics	H - Health Physics	050-00354/2008-002
111 - Procedure / reference document technical content	H - Health Physics	H - Health Physics	050-00354/2008-002
111 - Procedure / reference document technical content	M - Mechanical	V - Troubleshooting	050-00354/2007-005
113 - Procedure / reference document development and maintenance L	O - Operations	S - Surveillance	050-00354/2007-005
Number of Items for this Docket: 4 Percent of Total for this Docket: 8			
Problem Identification & Resolution / IR			
140 - Problem not completely or accurately identified	G - Engineering	G - Design	050-00354/2007-005
142 - Operating experience (OE) review LTA	G - Engineering	G - Design	050-00354/2007-005
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00354/2008-003
146 - Evaluation LTA	G - Engineering	G - Design	050-00354/2007-005
146 - Evaluation LTA	H - Health Physics	H - Health Physics	050-00354/2008-002
147 - Individual corrective action LTA	M - Mechanical	M - Maintenance / Repair	050-00354/2008-003
148 - Action not yet started or untimely	G - Engineering	G - Design	050-00354/2007-005
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00354/2008-003

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Document Types: IR, LER From 01/01/2008 to 12/31/2008

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

Total Number of Hits: 3662
National Average: 35
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National Median: 21

Average for Selected Dockets: 35

Problem Identification & Resolution / IR   So - Programmatic definition / So - Posign   O50-00354/2007-005   Percent of Total for this Docket: 9	Facility Name: Hope Creek 1 Docket (050- 00354)				
150 - Programmatic deficiency   G - Engineering   G - Design   050-00354/2007-005	Details	Department	Work Type	Docket/Report	
Number of Itams for this Docket: 9   Percent of Total for this Docket: 17	Problem Identification & Resolution / IR				
Nort Planning & Practices / IR	150 - Programmatic deficiency	G - Engineering	G - Design	050-00354/2007-005	
180 - Scheduling and planning LTA					
180 - Scheduling and planning TAA	Work Planning & Practices / IR				
1811 - Inadequate staffing / task allocation	180 - Scheduling and planning LTA	O - Operations	O - Control Room Ops	050-00354/2008-002	
181 - Inadequate staffing / task allocation         Z - Other / Unknown         Z - Other / Unknown         050-00354/2008-002           182 - Work package quality LTA         H - Health Physics         H - Health Physics         050-00354/2007-005           182 - Work package quality LTA         M - Mechanical         M - Maintenance / Repair         050-00354/2007-005           182 - Work package quality LTA         M - Mechanical         V - Troubleshooting         050-00354/2007-005           182 - Work package quality LTA         M - Mechanical         V - Troubleshooting         050-00354/2007-005           183 - Pre-job activities LTA         H - Health Physics         H - Health Physics         050-00354/2007-005           183 - Pre-job activities LTA         M - Mechanical         V - Troubleshooting         050-00354/2007-005           184 - Tag outs LTA         M - Mechanical         M - Meintenance / Repair         050-00354/2007-005           185 - Procedural adherence LTA         H - Health Physics         H - Health Physics         050-00354/2007-005           185 - Procedural adherence LTA         H - Health Physics         H - Health Physics         050-00354/2007-005           185 - Procedural adherence LTA         M - Mechanical         M - Maintenance / Repair         050-00354/2007-005           185 - Procedural adherence LTA         O - Operations         O - Control Room Ops </td <td>180 - Scheduling and planning LTA</td> <td>Z - Other / Unknown</td> <td>Z - Other / Unknown</td> <td>050-00354/2008-002</td>	180 - Scheduling and planning LTA	Z - Other / Unknown	Z - Other / Unknown	050-00354/2008-002	
182 - Work package quality LTA	181 - Inadequate staffing / task allocation	O - Operations	O - Control Room Ops	050-00354/2008-002	
182 - Work package quality LTA         M - Mechanical         M - Maintenance / Repair         050-00354/2007-005           182 - Work package quality LTA         M - Mechanical         M - Maintenance / Repair         050-00354/2007-005           182 - Work package quality LTA         M - Mechanical         V - Troubleshooting         050-00354/2007-005           183 - Pre-job activities LTA         H - Health Physics         H - Health Physics         050-00354/2007-005           183 - Pre-job activities LTA         M - Mechanical         V - Troubleshooting         050-00354/2007-005           184 - Tag outs LTA         M - Mechanical         V - Troubleshooting         050-00354/2007-005           185 - Procedural adherence LTA         M - Mechanical         M - Maintenance / Repair         050-00354/2007-005           185 - Procedural adherence LTA         H - Health Physics         H - Health Physics         050-00354/2007-005           185 - Procedural adherence LTA         H - Health Physics         0 - Control Room Ops         050-00354/2007-005           185 - Procedural adherence LTA         M - Mechanical         M - Maintenance / Repair         050-00354/2007-005           185 - Procedural adherence LTA         O - Operations         S - Surveillance         050-00354/2007-005           185 - Procedural adherence LTA         Z - Other / Unknown         Z - Other / Unknown         <	181 - Inadequate staffing / task allocation	Z - Other / Unknown	Z - Other / Unknown	050-00354/2008-002	
182 - Work package quality LTA	182 - Work package quality LTA	H - Health Physics	H - Health Physics	050-00354/2007-005	
182 - Work package quality LTA         M - Mechanical         V - Troubleshooting         050-00354/2007-005           182 - Work package quality LTA         O - Operations         S - Surveillance         050-00354/2007-005           183 - Pre-job activities LTA         H - Health Physics         50-00354/2007-005           183 - Pre-job activities LTA         M - Mechanical         V - Troubleshooting         050-00354/2007-005           184 - Tag outs LTA         M - Mechanical         M - Maintenance / Repair         050-00354/2007-005           185 - Procedural adherence LTA         H - Health Physics         H - Health Physics         050-00354/2007-005           185 - Procedural adherence LTA         H - Health Physics         H - Health Physics         050-00354/2008-002           185 - Procedural adherence LTA         M - Mechanical         M - Maintenance / Repair         050-00354/2008-002           185 - Procedural adherence LTA         M - Mechanical         M - Maintenance / Repair         050-00354/2008-002           185 - Procedural adherence LTA         O - Operations         O - Control Room Ops         050-00354/2007-005           185 - Procedural adherence LTA         O - Operations         S - Surveillance         050-00354/2007-005           185 - Procedural adherence LTA         O - Operations         Q - Control Room Ops         050-00354/2007-005	182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00354/2007-005	
182 - Work package quality LTA	182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00354/2007-005	
H	182 - Work package quality LTA	M - Mechanical	V - Troubleshooting	050-00354/2007-005	
183 - Pre-job activities LTA         M - Mechanical         V - Troubleshooting         050-00354/2007-005           184 - Tag outs LTA         M - Mechanical         M - Maintenance / Repair         050-00354/2007-005           185 - Procedural adherence LTA         H - Health Physics         H - Health Physics         050-00354/2007-005           185 - Procedural adherence LTA         H - Health Physics         H - Health Physics         050-00354/2007-005           185 - Procedural adherence LTA         M - Mechanical         M - Maintenance / Repair         050-00354/2007-005           185 - Procedural adherence LTA         O - Operations         O - Control Room Ops         050-00354/2007-005           185 - Procedural adherence LTA         O - Operations         S - Surveillance         050-00354/2007-005           185 - Procedural adherence LTA         O - Operations         S - Surveillance         050-00354/2007-005           185 - Procedural adherence LTA         O - Operations         S - Surveillance         050-00354/2007-005           185 - Procedural adherence LTA         D - Emergency Planning         Q - Fire Protection         050-00354/2007-005           186 - Failure to take action / meet requirements         H - Health Physics         H - Health Physics         050-00354/2007-005           186 - Failure to take action / meet requirements         H - Health Physics         H - He	182 - Work package quality LTA	O - Operations	S - Surveillance	050-00354/2007-005	
M - Maintenance / Repair   050-00354/2007-005	183 - Pre-job activities LTA	H - Health Physics	H - Health Physics	050-00354/2007-005	
185 - Procedural adherence LTA	183 - Pre-job activities LTA	M - Mechanical	V - Troubleshooting	050-00354/2007-005	
H - Health Physics   H - Health Physics   O50-00354/2008-002	184 - Tag outs LTA	M - Mechanical	M - Maintenance / Repair	050-00354/2007-005	
185 - Procedural adherence LTA         M - Mechanical         M - Maintenance / Repair         050-00354/2007-005           185 - Procedural adherence LTA         O - Operations         O - Control Room Ops         050-00354/2008-002           185 - Procedural adherence LTA         O - Operations         S - Surveillance         050-00354/2007-005           185 - Procedural adherence LTA         Z - Other / Unknown         Z - Other / Unknown         O - Other / Unknown         050-00354/2007-005           186 - Failure to take action / meet requirements         D - Emergency Planning         Q - Fire Protection         050-00354/2007-005           186 - Failure to take action / meet requirements         H - Health Physics         H - Health Physics         050-00354/2007-005           186 - Failure to take action / meet requirements         H - Health Physics         H - Health Physics         050-00354/2007-005           186 - Failure to take action / meet requirements         H - Health Physics         H - Health Physics         050-00354/2007-005           186 - Failure to take action / meet requirements         H - Health Physics         H - Health Physics         050-00354/2007-005           186 - Failure to take action / meet requirements         H - Health Physics         H - Health Physics         050-00354/2007-005           186 - Failure to take action / meet requirements         M - Mechanical         M - Maintenance / Repair	185 - Procedural adherence LTA	H - Health Physics	H - Health Physics	050-00354/2007-005	
185 - Procedural adherence LTA	185 - Procedural adherence LTA	H - Health Physics	H - Health Physics	050-00354/2008-002	
185 - Procedural adherence LTA  O - Operations  S - Surveillance  050-00354/2007-005  185 - Procedural adherence LTA  Z - Other / Unknown  D - Emergency Planning  Q - Fire Protection  050-00354/2007-005  H - Health Physics  H - Health Physics  H - Health Physics  H - Health Physics  O50-00354/2007-005  H - Health Physics  H - Health Physics  O50-00354/2007-005  H - Health Physics  H - Health Physics  O50-00354/2007-005  H - Health Physics  H - Health Physics  O50-00354/2007-005  H - Health Physics  H - Health Physics  O50-00354/2007-005  H - Health Physics  H - Health Physics  O50-00354/2007-005  H - Health Physics  H - Health Physics  O50-00354/2007-005  H - Health Physics  H - Health Physics  O50-00354/2007-005  H - Health Physics  O50-00354/2007-005  H - Health Physics  O50-00354/2007-005  O - Control Room Ops  O50-00354/2007-005  O - Operations  O - Control Room Ops  O50-00354/2007-005	185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00354/2007-005	
185 - Procedural adherence LTAZ - Other / UnknownZ - Other / Unknown050-00354/2008-002186 - Failure to take action / meet requirementsD - Emergency PlanningQ - Fire Protection050-00354/2007-005186 - Failure to take action / meet requirementsH - Health PhysicsH - Health Physics050-00354/2007-005186 - Failure to take action / meet requirementsH - Health PhysicsH - Health Physics050-00354/2007-005186 - Failure to take action / meet requirementsH - Health PhysicsH - Health Physics050-00354/2007-005186 - Failure to take action / meet requirementsH - Health PhysicsH - Health Physics050-00354/2007-005186 - Failure to take action / meet requirementsH - Health PhysicsH - Health Physics050-00354/2007-005186 - Failure to take action / meet requirementsM - MechanicalM - Maintenance / Repair050-00354/2007-005186 - Failure to take action / meet requirementsO - OperationsO - Control Room Ops050-00354/2007-005186 - Failure to take action / meet requirementsO - OperationsO - Control Room Ops050-00354/2007-005	185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00354/2008-002	
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H - Health Physics 050-00354/2007-005 H - Health Physics H - Health Physics 050-00354/2007-005 H - Health Physics H - Health Physics 050-00354/2007-005 H - Health Physics H - Health Physics 050-00354/2007-005 H - Health Physics H - Health Physics 050-00354/2007-005 H - Health Physics H - Health Physics 050-00354/2007-005 H - Health Physics H - Health Physics 050-00354/2007-005 H - Health Physics H - Health Physics 050-00354/2007-005 H - Health Physics H - Health Physics 050-00354/2007-005 H - Health Physics H - Health Physics 050-00354/2007-005 H - Health Physics H - Health Physics 050-00354/2007-005 H - Health Physics 050-00354/200	185 - Procedural adherence LTA	Z - Other / Unknown	Z - Other / Unknown	050-00354/2008-002	
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H - Health Physics 050-00354/2007-005 H - Health Physics H - Health Physics 050-00354/2007-005 H - Health Physics H - Health Physics 050-00354/2007-005 H - Health Physics H - Health Physics 050-00354/2007-005 H - Health Physics H - Health Physics 050-00354/2008-002 H - Health Physics H - Health Physics 050-00354/2008-002 H - Health Ph	186 - Failure to take action / meet requirements	H - Health Physics	H - Health Physics	050-00354/2007-005	
H - Health Physics 050-00354/2007-005 H - Health Physics H - Health Physics 050-00354/2007-005 H - Health Physics H - Health Physics 050-00354/2008-002 H - Health Physics H - Health Physics 050-00354/2008-002 M - Maintenance / Repair 050-00354/2007-005 H - Failure to take action / meet requirements O - Operations O - Control Room Ops 050-00354/2007-005 H - Health Physics 050-00354/2007-005 O - Operations O - Control Room Ops 050-00354/2007-005 O - Operations O - Control Room Ops 050-00354/2007-005	186 - Failure to take action / meet requirements	H - Health Physics	H - Health Physics	050-00354/2007-005	
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186 - Failure to take action / meet requirements M - Mechanical M - Maintenance / Repair 050-00354/2007-005 186 - Failure to take action / meet requirements O - Operations O - Control Room Ops 050-00354/2007-005 186 - Failure to take action / meet requirements O - Operations O - Control Room Ops 050-00354/2007-005	186 - Failure to take action / meet requirements	H - Health Physics	H - Health Physics	050-00354/2007-005	
186 - Failure to take action / meet requirements O - Operations O - Control Room Ops 050-00354/2007-005 186 - Failure to take action / meet requirements O - Operations O - Control Room Ops 050-00354/2007-005	186 - Failure to take action / meet requirements	H - Health Physics	H - Health Physics	050-00354/2008-002	
186 - Failure to take action / meet requirements O - Operations O - Control Room Ops 050-00354/2007-005	186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00354/2007-005	
	186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00354/2007-005	
187 - Action implementation LTA G - Engineering G - Design 050-00354/2007-005	186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00354/2007-005	
	187 - Action implementation LTA	G - Engineering	G - Design	050-00354/2007-005	

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Document Types: IR, LER From 01/01/2008 to 12/31/2008

Total Items for this Docket: 52

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

National Average: 35

2x National Average: 70

National Median: 21

Average for Selected Dockets: 35

	Facility Name: Hope Creek 1	Docket (050- 00354)	
Details	Department	Work Type	Docket/Report
Work Planning & Practices / IR			
187 - Action implementation LTA	M - Mechanical	M - Maintenance / Repair	050-00354/2008-003
188 - Work practice or craft skill LTA	H - Health Physics	H - Health Physics	050-00354/2007-005
189 - Recognition of adverse condition / questioning attitude LTA	M - Mechanical	M - Maintenance / Repair	050-00354/2007-005
Number of Items for this Docket: 31 Percent of Total for this Docket: 60			
Procedures & Reference Document / LER			
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00354/2008-001-0
Number of Items for this Docket: 1 Percent of Total for this Docket: 2			
Work Planning & Practices / LER			
189 - Recognition of adverse condition / questioning attitude LTA	G - Engineering	G - Design	050-00354/2008-001-0
Number of Items for this Docket: 1 Percent of Total for this Docket: 2			