

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

Total Number of Hits: 173

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 173

Facility Name: Cooper Docket (050- 00298)

Details	Department	Work Type	Docket/Report
Communication / IR			
160 - No communication / information not communicated	O - Operations	O - Control Room Ops	050-00298/2009-004
160 - No communication / information not communicated	M - Mechanical	M - Maintenance / Repair	050-00298/2009-004
160 - No communication / information not communicated	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
160 - No communication / information not communicated	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
160 - No communication / information not communicated	L - Licensing / regulatory affairs	A - Administrative	050-00298/2009-004
Number of Items for this Docket: 5			
Percent of Total for this Docket: 3			

Fitness for Duty / IR

128 - Non-compliance	O - Operations	O - Control Room Ops	050-00298/2009-004
Number of Items for this Docket: 1			
Percent of Total for this Docket: 1			

Human-System Interface & Environmnt / IR

170 - HSI or information availability / quality LTA	E - Electrical	M - Maintenance / Repair	050-00298/2008-009
170 - HSI or information availability / quality LTA	X - Site-wide	X - Site-wide	050-00298/2008-009
170 - HSI or information availability / quality LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-007
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
170 - HSI or information availability / quality LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2008-005
173 - Physical conditions LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
173 - Physical conditions LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
173 - Physical conditions LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
173 - Physical conditions LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
173 - Physical conditions LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2008-005
Number of Items for this Docket: 13			
Percent of Total for this Docket: 8			

Oversight / IR

130 - Inadequate supervision / command and control	C - Chemistry	M - Maintenance / Repair	050-00298/2008-005
130 - Inadequate supervision / command and control	C - Chemistry	M - Maintenance / Repair	050-00298/2008-005

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

Total Number of Hits: 173

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 173

Facility Name: Cooper Docket (050- 00298)

Details	Department	Work Type	Docket/Report
Oversight / IR			
131 - Management expectations or directions LTA	B - Management	A - Administrative	050-00298/2008-009
Number of Items for this Docket: 3			
Percent of Total for this Docket: 2			
Procedures & Reference Document / IR			
111 - Procedure / reference document technical content	E - Electrical	M - Maintenance / Repair	050-00298/2008-009
111 - Procedure / reference document technical content	E - Electrical	T - Testing	050-00298/2008-009
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00298/2008-005
111 - Procedure / reference document technical content	G - Engineering	G - Design	050-00298/2009-004
111 - Procedure / reference document technical content	P - Procedure Writers	Q - Fire Protection	050-00298/2008-009
111 - Procedure / reference document technical content	P - Procedure Writers	P - Procedure Dev	050-00298/2008-005
113 - Procedure / reference document development and maintenance L	P - Procedure Writers	Q - Fire Protection	050-00298/2008-009
113 - Procedure / reference document development and maintenance L	M - Mechanical	M - Maintenance / Repair	050-00298/2008-009
113 - Procedure / reference document development and maintenance L	X - Site-wide	X - Site-wide	050-00298/2008-009
113 - Procedure / reference document development and maintenance L	D - Emergency Planning	Q - Fire Protection	050-00298/2009-004
113 - Procedure / reference document development and maintenance L	P - Procedure Writers	P - Procedure Dev	050-00298/2008-005
113 - Procedure / reference document development and maintenance L	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
Number of Items for this Docket: 12			
Percent of Total for this Docket: 7			
Problem Identification & Resolution / IR			
140 - Problem not completely or accurately identified	M - Mechanical	M - Maintenance / Repair	050-00298/2008-005
140 - Problem not completely or accurately identified	S - Specialized task force	W - Assessment	050-00298/2009-008
140 - Problem not completely or accurately identified	G - Engineering	G - Design	050-00298/2009-008
140 - Problem not completely or accurately identified	S - Specialized task force	W - Assessment	050-00298/2009-008
142 - Operating experience (OE) review LTA	G - Engineering	G - Design	050-00298/2009-004
143 - Tracking / trending LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
143 - Tracking / trending LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
143 - Tracking / trending LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
143 - Tracking / trending LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
143 - Tracking / trending LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2008-005
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2008-005
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-007

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

Total Number of Hits: 173

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 173

Facility Name: Cooper Docket (050- 00298)

Details	Department	Work Type	Docket/Report
Problem Identification & Resolution / IR			
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-004
146 - Evaluation LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
146 - Evaluation LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
146 - Evaluation LTA	G - Engineering	G - Design	050-00298/2009-008
146 - Evaluation LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
146 - Evaluation LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
147 - Individual corrective action LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
148 - Action not yet started or untimely	G - Engineering	G - Design	050-00298/2009-004
148 - Action not yet started or untimely	P - Procedure Writers	Q - Fire Protection	050-00298/2008-009
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00298/2009-004
150 - Programmatic deficiency	M - Mechanical	M - Maintenance / Repair	050-00298/2009-007
150 - Programmatic deficiency	M - Mechanical	M - Maintenance / Repair	050-00298/2009-007
150 - Programmatic deficiency	O - Operations	O - Control Room Ops	050-00298/2008-005
150 - Programmatic deficiency	C - Chemistry	M - Maintenance / Repair	050-00298/2008-005
150 - Programmatic deficiency	M - Mechanical	M - Maintenance / Repair	050-00298/2008-005
150 - Programmatic deficiency	P - Procedure Writers	P - Procedure Dev	050-00298/2008-005
150 - Programmatic deficiency	P - Procedure Writers	X - Site-wide	050-00298/2008-005
150 - Programmatic deficiency	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
Number of Items for this Docket: 31			
Percent of Total for this Docket: 18			

Training / IR

100 - Training LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
100 - Training LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
100 - Training LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
100 - Training LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
100 - Training LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
100 - Training LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
100 - Training LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
100 - Training LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
100 - Training LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
100 - Training LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
102 - Individual knowledge LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-004

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

Total Number of Hits: 173

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 173

Facility Name: Cooper Docket (050- 00298)

Details	Department	Work Type	Docket/Report
Training / IR			
102 - Individual knowledge LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
Number of Items for this Docket: 11			
Percent of Total for this Docket: 6			
<hr/>			
Work Planning & Practices / IR			
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-007
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-007
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2008-005
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-007
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-007
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-004
182 - Work package quality LTA	Z - Other / Unknown	Z - Other / Unknown	050-00298/2008-005
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2008-005
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
182 - Work package quality LTA	F - Fuel Handling	R - Refueling	050-00298/2008-005
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2008-005
183 - Pre-job activities LTA	Z - Other / Unknown	Z - Other / Unknown	050-00298/2008-005
183 - Pre-job activities LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2008-005
183 - Pre-job activities LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
183 - Pre-job activities LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
183 - Pre-job activities LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
183 - Pre-job activities LTA	F - Fuel Handling	R - Refueling	050-00298/2008-005
183 - Pre-job activities LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2008-005
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00298/2009-008
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-007
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00298/2008-005
185 - Procedural adherence LTA	I - Instrumentation & Control	M - Maintenance / Repair	050-00298/2009-008
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008

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

Total Number of Hits: 173

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 173

Facility Name: Cooper Docket (050- 00298)

Details	Department	Work Type	Docket/Report
Work Planning & Practices / IR			
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2008-005
185 - Procedural adherence LTA	C - Chemistry	M - Maintenance / Repair	050-00298/2008-005
185 - Procedural adherence LTA	C - Chemistry	M - Maintenance / Repair	050-00298/2008-005
185 - Procedural adherence LTA	F - Fuel Handling	R - Refueling	050-00298/2008-005
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2008-005
186 - Failure to take action / meet requirements	E - Electrical	T - Testing	050-00298/2008-009
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00298/2009-007
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00298/2009-008
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00298/2009-004
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00298/2008-005
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00298/2008-005
186 - Failure to take action / meet requirements	L - Licensing / regulatory affairs	A - Administrative	050-00298/2009-004
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00298/2008-005
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00298/2008-005
186 - Failure to take action / meet requirements	G - Engineering	G - Design	050-00298/2009-008
186 - Failure to take action / meet requirements	I - Instrumentation & Control	M - Maintenance / Repair	050-00298/2009-008
186 - Failure to take action / meet requirements	X - Site-wide	X - Site-wide	050-00298/2008-005
186 - Failure to take action / meet requirements	X - Site-wide	X - Site-wide	050-00298/2008-005
186 - Failure to take action / meet requirements	X - Site-wide	X - Site-wide	050-00298/2008-005
186 - Failure to take action / meet requirements	C - Chemistry	M - Maintenance / Repair	050-00298/2008-005
186 - Failure to take action / meet requirements	C - Chemistry	M - Maintenance / Repair	050-00298/2008-005
186 - Failure to take action / meet requirements	F - Fuel Handling	R - Refueling	050-00298/2008-005
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00298/2008-005
187 - Action implementation LTA	G - Engineering	G - Design	050-00298/2009-008
187 - Action implementation LTA	G - Engineering	G - Design	050-00298/2009-008
187 - Action implementation LTA	G - Engineering	G - Design	050-00298/2009-008

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

Total Number of Hits: 173

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 173

Facility Name: Cooper Docket (050- 00298)

Details	Department	Work Type	Docket/Report
Work Planning & Practices / IR			
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
188 - Work practice or craft skill LTA	I - Instrumentation & Control	M - Maintenance / Repair	050-00298/2009-008
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
189 - Recognition of adverse condition / questioning attitude LTA	O - Operations	O - Control Room Ops	050-00298/2009-004
189 - Recognition of adverse condition / questioning attitude LTA	Z - Other / Unknown	Z - Other / Unknown	050-00298/2008-005
189 - Recognition of adverse condition / questioning attitude LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2008-005
189 - Recognition of adverse condition / questioning attitude LTA	M - Mechanical	H - Health Physics	050-00298/2009-007
189 - Recognition of adverse condition / questioning attitude LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2008-005
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00298/2009-008
190 - Failure to stop work / non-conservative decision making	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
190 - Failure to stop work / non-conservative decision making	Q - Quality assurance / oversight	G - Design	050-00298/2009-008
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00298/2008-005
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00298/2008-005
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00298/2008-005
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00298/2008-005
190 - Failure to stop work / non-conservative decision making	S - Specialized task force	W - Assessment	050-00298/2009-008
190 - Failure to stop work / non-conservative decision making	M - Mechanical	M - Maintenance / Repair	050-00298/2009-008
190 - Failure to stop work / non-conservative decision making	M - Mechanical	M - Maintenance / Repair	050-00298/2008-005
191 - Team interactions LTA	O - Operations	O - Control Room Ops	050-00298/2009-004
191 - Team interactions LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-004
193 - Non-conservative action	O - Operations	O - Control Room Ops	050-00298/2009-004
Number of Items for this Docket: 82			
Percent of Total for this Docket: 47			

Communication / LER

161 - Communication LTA	O - Operations	O - Control Room Ops	050-00298/2009-001-00
-------------------------	----------------	----------------------	-----------------------

Number of Items for this Docket: 1**Percent of Total for this Docket:** 1**Oversight / LER**

130 - Inadequate supervision / command and control	I - Instrumentation & Control	M - Maintenance / Repair	050-00298/2009-004-00
--	-------------------------------	--------------------------	-----------------------

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

Total Number of Hits: 173

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 173

Facility Name: Cooper Docket (050- 00298)

Details	Department	Work Type	Docket/Report
Oversight / LER			
131 - Management expectations or directions LTA	O - Operations	O - Control Room Ops	050-00298/2009-001-00
Number of Items for this Docket: 2			
Percent of Total for this Docket: 1			
<hr/>			
Procedures & Reference Document / LER			
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00298/2009-001-00
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00298/2009-003-00
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00298/2009-002-00
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00298/2009-002-00
Number of Items for this Docket: 4			
Percent of Total for this Docket: 2			
<hr/>			
Training / LER			
100 - Training LTA	O - Operations	O - Control Room Ops	050-00298/2009-003-00
Number of Items for this Docket: 1			
Percent of Total for this Docket: 1			
<hr/>			
Work Planning & Practices / LER			
183 - Pre-job activities LTA	O - Operations	O - Control Room Ops	050-00298/2009-001-00
184 - Tag outs LTA	O - Operations	O - Control Room Ops	050-00298/2009-001-00
185 - Procedural adherence LTA	I - Instrumentation & Control	M - Maintenance / Repair	050-00298/2009-004-00
185 - Procedural adherence LTA	W - Work Control / Scheduling Outage Pla	O - Control Room Ops	050-00298/2009-001-00
187 - Action implementation LTA	O - Operations	O - Control Room Ops	050-00298/2009-003-00
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00298/2009-002-00
189 - Recognition of adverse condition / questioning attitude LTA	W - Work Control / Scheduling Outage Pla	O - Control Room Ops	050-00298/2009-001-00
Number of Items for this Docket: 7			
Percent of Total for this Docket: 4			
<hr/>			
Total Items for this Docket: 173			
