

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

Total Number of Hits: 159

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 159

---

**Facility Name: Prairie Island 1 Docket (050- 00282)**

Details	Department	Work Type	Docket/Report
<b>Communication / IR</b>			
161 - Communication LTA	A - Administrative Support	A - Administrative	050-00282/2009-014
161 - Communication LTA	O - Operations	O - Control Room Ops	050-00282/2009-014
<b>Number of Items for this Docket: 2</b>			
<b>Percent of Total for this Docket: 1</b>			
<hr/>			
<b>Fitness for Duty / IR</b>			
120 - Testing LTA	O - Operations	O - Control Room Ops	050-00282/2009-012
128 - Non-compliance	O - Operations	O - Control Room Ops	050-00282/2009-012
<b>Number of Items for this Docket: 2</b>			
<b>Percent of Total for this Docket: 1</b>			
<hr/>			
<b>Human-System Interface &amp; Environmnt / IR</b>			
170 - HSI or information availability / quality LTA	E - Electrical	M - Maintenance / Repair	050-00282/2009-009
173 - Physical conditions LTA	O - Operations	O - Control Room Ops	050-00282/2008-005
<b>Number of Items for this Docket: 2</b>			
<b>Percent of Total for this Docket: 1</b>			
<hr/>			
<b>Oversight / IR</b>			
130 - Inadequate suprevison / command and control	M - Mechanical	M - Maintenance / Repair	050-00282/2008-005
130 - Inadequate suprevison / command and control	F - Fuel Handling	R - Refueling	050-00282/2008-005
130 - Inadequate suprevison / command and control	M - Mechanical	M - Maintenance / Repair	050-00282/2008-005
131 - Management expectations or directions LTA	M - Mechanical	M - Maintenance / Repair	050-00282/2008-005
131 - Management expectations or directions LTA	F - Fuel Handling	R - Refueling	050-00282/2008-005
<b>Number of Items for this Docket: 5</b>			
<b>Percent of Total for this Docket: 3</b>			
<hr/>			
<b>Procedures &amp; Reference Document / IR</b>			
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00282/2009-003
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00282/2009-004
111 - Procedure / reference document technical content	P - Procedure Writers	P - Procedure Dev	050-00282/2009-010
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00282/2009-003
111 - Procedure / reference document technical content	M - Mechanical	P - Procedure Dev	050-00282/2009-003
111 - Procedure / reference document technical content	H - Health Physics	H - Health Physics	050-00282/2008-009
111 - Procedure / reference document technical content	P - Procedure Writers	P - Procedure Dev	050-00282/2008-009
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00282/2009-003
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00282/2009-003

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

Total Number of Hits: 159

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 159

---

**Facility Name: Prairie Island 1 Docket (050- 00282)**

Details	Department	Work Type	Docket/Report
<b>Procedures &amp; Reference Document / IR</b>			
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00282/2009-003
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00282/2009-003
113 - Procedure / reference document development and maintenance L	O - Operations	T - Testing	050-00282/2009-009
113 - Procedure / reference document development and maintenance L	E - Electrical	M - Maintenance / Repair	050-00282/2009-009
<b>Number of Items for this Docket: 13</b>			
<b>Percent of Total for this Docket: 8</b>			
<hr/>			
<b>Problem Identification &amp; Resolution / IR</b>			
140 - Problem not completely or accurately identified	H - Health Physics	H - Health Physics	050-00282/2008-009
140 - Problem not completely or accurately identified	M - Mechanical	Q - Fire Protection	050-00282/2009-007
140 - Problem not completely or accurately identified	Y - Shipping / transportation	Y - Shipping / transportatic	050-00282/2008-009
142 - Operating experience (OE) review LTA	E - Electrical	M - Maintenance / Repair	050-00282/2009-009
142 - Operating experience (OE) review LTA	X - Site-wide	X - Site-wide	050-00282/2009-003
142 - Operating experience (OE) review LTA	X - Site-wide	X - Site-wide	050-00282/2009-003
142 - Operating experience (OE) review LTA	X - Site-wide	X - Site-wide	050-00282/2009-003
142 - Operating experience (OE) review LTA	X - Site-wide	X - Site-wide	050-00282/2009-003
142 - Operating experience (OE) review LTA	O - Operations	O - Control Room Ops	050-00282/2009-003
142 - Operating experience (OE) review LTA	O - Operations	O - Control Room Ops	050-00282/2009-003
143 - Tracking / trending LTA	M - Mechanical	M - Maintenance / Repair	050-00282/2009-003
143 - Tracking / trending LTA	X - Site-wide	X - Site-wide	050-00282/2008-005
143 - Tracking / trending LTA	X - Site-wide	X - Site-wide	050-00282/2008-005
146 - Evaluation LTA	C - Chemistry	G - Design	050-00282/2008-005
146 - Evaluation LTA	E - Electrical	V - Troubleshooting	050-00282/2009-004
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00282/2009-003
146 - Evaluation LTA	O - Operations	O - Control Room Ops	050-00282/2008-005
146 - Evaluation LTA	S - Specialized task force	W - Assessment	050-00282/2008-005
146 - Evaluation LTA	H - Health Physics	H - Health Physics	050-00282/2008-009
146 - Evaluation LTA	Y - Shipping / transportation	Y - Shipping / transportatic	050-00282/2008-009
150 - Programmatic deficiency	E - Electrical	M - Maintenance / Repair	050-00282/2009-009
150 - Programmatic deficiency	T - Training	N - Training	050-00282/2008-009
<b>Number of Items for this Docket: 22</b>			
<b>Percent of Total for this Docket: 14</b>			

---

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

Total Number of Hits: 159

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 159

---

**Facility Name: Prairie Island 1 Docket (050- 00282)**

Details	Department	Work Type	Docket/Report
<b>Training / IR</b>			
100 - Training LTA	H - Health Physics	H - Health Physics	050-00282/2008-009
100 - Training LTA	T - Training	N - Training	050-00282/2008-009
101 - Training process problem	H - Health Physics	H - Health Physics	050-00282/2008-009
101 - Training process problem	T - Training	N - Training	050-00282/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00282/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00282/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00282/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00282/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00282/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00282/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00282/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00282/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00282/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00282/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00282/2008-009
102 - Individual knowledge LTA	O - Operations	O - Control Room Ops	050-00282/2009-003
<b>Number of Items for this Docket:</b> 16			
<b>Percent of Total for this Docket:</b> 10			

---

**Work Planning & Practices / IR**

182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00282/2009-004
182 - Work package quality LTA	E - Electrical	V - Troubleshooting	050-00282/2009-004
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00282/2009-004
182 - Work package quality LTA	Y - Shipping / transportation	N - Training	050-00282/2008-009
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00282/2009-003
183 - Pre-job activities LTA	E - Electrical	V - Troubleshooting	050-00282/2009-004
183 - Pre-job activities LTA	H - Health Physics	H - Health Physics	050-00282/2008-009
183 - Pre-job activities LTA	M - Mechanical	M - Maintenance / Repair	050-00282/2009-004
183 - Pre-job activities LTA	O - Operations	O - Control Room Ops	050-00282/2009-003
183 - Pre-job activities LTA	M - Mechanical	M - Maintenance / Repair	050-00282/2009-003
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00282/2008-005
185 - Procedural adherence LTA	H - Health Physics	H - Health Physics	050-00282/2008-009
185 - Procedural adherence LTA	O - Operations	T - Testing	050-00282/2009-009

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

Total Number of Hits: 159

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 159

**Facility Name: Prairie Island 1 Docket (050- 00282)**

Details	Department	Work Type	Docket/Report
<b>Work Planning &amp; Practices / IR</b>			
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00282/2009-003
185 - Procedural adherence LTA	F - Fuel Handling	R - Refueling	050-00282/2008-005
185 - Procedural adherence LTA	F - Fuel Handling	R - Refueling	050-00282/2008-005
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00282/2009-003
185 - Procedural adherence LTA	E - Electrical	V - Troubleshooting	050-00282/2009-004
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00282/2009-003
185 - Procedural adherence LTA	X - Site-wide	X - Site-wide	050-00282/2008-005
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00282/2009-003
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00282/2009-004
185 - Procedural adherence LTA	G - Engineering	G - Design	050-00282/2008-005
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00282/2009-003
185 - Procedural adherence LTA	X - Site-wide	X - Site-wide	050-00282/2008-005
185 - Procedural adherence LTA	G - Engineering	G - Design	050-00282/2008-005
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00282/2008-005
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00282/2008-005
185 - Procedural adherence LTA	I - Instrumentation & Control	M - Maintenance / Repair	050-00282/2008-005
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00282/2009-003
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00282/2009-003
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00282/2009-004
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00282/2009-012
186 - Failure to take action / meet requirements	A - Administrative Support	A - Administrative	050-00282/2009-014
186 - Failure to take action / meet requirements	H - Health Physics	H - Health Physics	050-00282/2008-009
186 - Failure to take action / meet requirements	M - Mechanical	Q - Fire Protection	050-00282/2009-007
186 - Failure to take action / meet requirements	O - Operations	T - Testing	050-00282/2009-009
186 - Failure to take action / meet requirements	G - Engineering	G - Design	050-00282/2009-010
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00282/2009-014
186 - Failure to take action / meet requirements	M - Mechanical	Q - Fire Protection	050-00282/2009-007
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00282/2009-003
186 - Failure to take action / meet requirements	M - Mechanical	Q - Fire Protection	050-00282/2009-007
186 - Failure to take action / meet requirements	Q - Quality assurance / oversight	M - Maintenance / Repair	050-00282/2009-009
186 - Failure to take action / meet requirements	M - Mechanical	Q - Fire Protection	050-00282/2009-007
186 - Failure to take action / meet requirements	M - Mechanical	Q - Fire Protection	050-00282/2009-007

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

Total Number of Hits: 159

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 159

---

**Facility Name: Prairie Island 1 Docket (050- 00282)**

Details	Department	Work Type	Docket/Report
<b>Work Planning &amp; Practices / IR</b>			
186 - Failure to take action / meet requirements	M - Mechanical	Q - Fire Protection	050-00282/2009-007
186 - Failure to take action / meet requirements	M - Mechanical	Q - Fire Protection	050-00282/2009-007
186 - Failure to take action / meet requirements	O - Operations	D - Emergency Drill	050-00282/2009-004
186 - Failure to take action / meet requirements	Y - Shipping / transportation	Y - Shipping / transportatic	050-00282/2008-009
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00282/2009-003
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00282/2009-003
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00282/2009-003
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00282/2009-003
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00282/2008-005
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00282/2008-005
187 - Action implementation LTA	G - Engineering	G - Design	050-00282/2009-010
188 - Work practice or craft skill LTA	H - Health Physics	H - Health Physics	050-00282/2008-009
189 - Recognition of adverse condition / questioning attitude LTA	H - Health Physics	H - Health Physics	050-00282/2008-009
189 - Recognition of adverse condition / questioning attitude LTA	E - Electrical	V - Troubleshooting	050-00282/2009-004
189 - Recognition of adverse condition / questioning attitude LTA	O - Operations	O - Control Room Ops	050-00282/2009-003
190 - Failure to stop work / non-conservative decision making	M - Mechanical	M - Maintenance / Repair	050-00282/2009-003
190 - Failure to stop work / non-conservative decision making	H - Health Physics	H - Health Physics	050-00282/2008-009
190 - Failure to stop work / non-conservative decision making	E - Electrical	V - Troubleshooting	050-00282/2009-004
190 - Failure to stop work / non-conservative decision making	F - Fuel Handling	R - Refueling	050-00282/2008-005
190 - Failure to stop work / non-conservative decision making	Y - Shipping / transportation	Y - Shipping / transportatic	050-00282/2008-009
190 - Failure to stop work / non-conservative decision making	M - Mechanical	M - Maintenance / Repair	050-00282/2009-003
190 - Failure to stop work / non-conservative decision making	S - Specialized task force	O - Control Room Ops	050-00282/2008-005
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00282/2009-003
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00282/2009-003
191 - Team interactions LTA	Y - Shipping / transportation	Y - Shipping / transportatic	050-00282/2008-009
193 - Non-conservative action	M - Mechanical	M - Maintenance / Repair	050-00282/2008-005
193 - Non-conservative action	M - Mechanical	M - Maintenance / Repair	050-00282/2008-005
194 - Housekeeping LTA	M - Mechanical	M - Maintenance / Repair	050-00282/2009-007
197 - Self-check LTA	F - Fuel Handling	R - Refueling	050-00282/2008-005
198 - Worker distracted / interrupted	F - Fuel Handling	R - Refueling	050-00282/2008-005

Number of Items for this Docket: 74

Percent of Total for this Docket: 47

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

Total Number of Hits: 159

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 159

---

**Facility Name: Prairie Island 1 Docket (050- 00282)**

Details	Department	Work Type	Docket/Report
<b>Communication / LER</b>			
161 - Communication LTA	H - Health Physics	H - Health Physics	050-00282/2009-009-00
161 - Communication LTA	H - Health Physics	H - Health Physics	050-00282/2009-009-00
<b>Number of Items for this Docket: 2</b>			
<b>Percent of Total for this Docket: 1</b>			
<hr/>			
<b>Oversight / LER</b>			
130 - Inadequate supervision / command and control	H - Health Physics	H - Health Physics	050-00282/2009-009-00
131 - Management expectations or directions LTA	H - Health Physics	H - Health Physics	050-00282/2009-009-00
<b>Number of Items for this Docket: 2</b>			
<b>Percent of Total for this Docket: 1</b>			
<hr/>			
<b>Procedures &amp; Reference Document / LER</b>			
110 - No procedure / reference documents	W - Work Control / Scheduling Outage Pla	Q - Fire Protection	050-00282/2009-007-01
110 - No procedure / reference documents	G - Engineering	G - Design	050-00282/2009-008-00
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00282/2009-004-00
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00282/2009-004-01
112 - Procedure / reference document contains human factors deficienc	O - Operations	O - Control Room Ops	050-00282/2009-002-00
112 - Procedure / reference document contains human factors deficienc	M - Mechanical	M - Maintenance / Repair	050-00282/2009-002-00
113 - Procedure / reference document development and maintenance L	H - Health Physics	H - Health Physics	050-00282/2009-009-00
<b>Number of Items for this Docket: 7</b>			
<b>Percent of Total for this Docket: 4</b>			
<hr/>			
<b>Problem Identification &amp; Resolution / LER</b>			
142 - Operating experience (OE) review LTA	O - Operations	O - Control Room Ops	050-00282/2009-004-00
142 - Operating experience (OE) review LTA	G - Engineering	G - Design	050-00282/2009-004-01
142 - Operating experience (OE) review LTA	H - Health Physics	H - Health Physics	050-00282/2009-009-00
146 - Evaluation LTA	H - Health Physics	H - Health Physics	050-00282/2009-009-00
147 - Individual corrective action LTA	E - Electrical	M - Maintenance / Repair	050-00282/2009-005-00
147 - Individual corrective action LTA	O - Operations	O - Control Room Ops	050-00282/2009-004-00
147 - Individual corrective action LTA	O - Operations	O - Control Room Ops	050-00282/2009-004-01
148 - Action not yet started or untimely	E - Electrical	M - Maintenance / Repair	050-00282/2009-005-00
<b>Number of Items for this Docket: 8</b>			
<b>Percent of Total for this Docket: 5</b>			
<hr/>			
<b>Work Planning &amp; Practices / LER</b>			
186 - Failure to take action / meet requirements	H - Health Physics	H - Health Physics	050-00282/2009-009-00

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

Total Number of Hits: 159  
National Average: 46  
2x National Average: 92  
National Median: 23  
Average for Selected Dockets: 159

**Facility Name: Prairie Island 1 Docket (050- 00282)**

Details	Department	Work Type	Docket/Report
<b>Work Planning &amp; Practices / LER</b>			
187 - Action implementation LTA	G - Engineering	G - Design	050-00282/2009-008-00
188 - Work practice or craft skill LTA	H - Health Physics	H - Health Physics	050-00282/2009-009-00
190 - Failure to stop work / non-conservative decision making	E - Electrical	M - Maintenance / Repair	050-00282/2009-007-01
<b>Number of Items for this Docket: 4</b>			
<b>Percent of Total for this Docket: 3</b>			

**Total Items for this Docket: 159**