

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

Total Number of Hits: 166

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 166

Facility Name: Prairie Island 2 Docket (050- 00306)

Details	Department	Work Type	Docket/Report
Communication / IR			
161 - Communication LTA	A - Administrative Support	A - Administrative	050-00306/2009-014
161 - Communication LTA	O - Operations	O - Control Room Ops	050-00306/2009-014
Number of Items for this Docket: 2			
Percent of Total for this Docket: 1			
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Fitness for Duty / IR			
120 - Testing LTA	O - Operations	O - Control Room Ops	050-00306/2009-012
128 - Non-compliance	O - Operations	O - Control Room Ops	050-00306/2009-012
Number of Items for this Docket: 2			
Percent of Total for this Docket: 1			
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Human-System Interface & Environmnt / IR			
170 - HSI or information availability / quality LTA	M - Mechanical	Q - Fire Protection	050-00306/2009-007
170 - HSI or information availability / quality LTA	E - Electrical	M - Maintenance / Repair	050-00306/2009-009
170 - HSI or information availability / quality LTA	F - Fuel Handling	R - Refueling	050-00306/2008-005
173 - Physical conditions LTA	O - Operations	O - Control Room Ops	050-00306/2008-005
Number of Items for this Docket: 4			
Percent of Total for this Docket: 2			
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Oversight / IR			
130 - Inadequate supervision / command and control	M - Mechanical	M - Maintenance / Repair	050-00306/2008-005
130 - Inadequate supervision / command and control	F - Fuel Handling	R - Refueling	050-00306/2008-005
130 - Inadequate supervision / command and control	M - Mechanical	M - Maintenance / Repair	050-00306/2008-005
130 - Inadequate supervision / command and control	F - Fuel Handling	R - Refueling	050-00306/2008-005
131 - Management expectations or directions LTA	M - Mechanical	M - Maintenance / Repair	050-00306/2008-005
131 - Management expectations or directions LTA	F - Fuel Handling	R - Refueling	050-00306/2008-005
Number of Items for this Docket: 6			
Percent of Total for this Docket: 4			
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Procedures & Reference Document / IR			
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00306/2009-003
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00306/2009-004
111 - Procedure / reference document technical content	P - Procedure Writers	P - Procedure Dev	050-00306/2009-101
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00306/2009-013
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00306/2009-003
111 - Procedure / reference document technical content	P - Procedure Writers	P - Procedure Dev	050-00306/2009-013

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Total Number of Hits: 166

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Average for Selected Dockets: 166

Facility Name: Prairie Island 2 Docket (050- 00306)

Details	Department	Work Type	Docket/Report
Procedures & Reference Document / IR			
111 - Procedure / reference document technical content	M - Mechanical	P - Procedure Dev	050-00306/2009-003
111 - Procedure / reference document technical content	L - Licensing / regulatory affairs	A - Administrative	050-00306/2009-013
111 - Procedure / reference document technical content	H - Health Physics	H - Health Physics	050-00306/2008-009
111 - Procedure / reference document technical content	P - Procedure Writers	P - Procedure Dev	050-00306/2008-009
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00306/2009-003
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00306/2009-003
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00306/2009-003
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00306/2009-003
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00306/2009-003
113 - Procedure / reference document development and maintenance L	O - Operations	O - Control Room Ops	050-00306/2009-009
113 - Procedure / reference document development and maintenance L	O - Operations	T - Testing	050-00306/2009-009
113 - Procedure / reference document development and maintenance L	E - Electrical	M - Maintenance / Repair	050-00306/2009-009
Number of Items for this Docket:	18		
Percent of Total for this Docket:	11		

Problem Identification & Resolution / IR

140 - Problem not completely or accurately identified	H - Health Physics	H - Health Physics	050-00306/2008-009
140 - Problem not completely or accurately identified	Y - Shipping / transportation	Y - Shipping / transportatic	050-00306/2008-009
141 - Problem not properly classified or prioritized	O - Operations	O - Control Room Ops	050-00306/2008-005
142 - Operating experience (OE) review LTA	E - Electrical	M - Maintenance / Repair	050-00306/2009-009
142 - Operating experience (OE) review LTA	X - Site-wide	X - Site-wide	050-00306/2009-003
142 - Operating experience (OE) review LTA	X - Site-wide	X - Site-wide	050-00306/2009-003
142 - Operating experience (OE) review LTA	X - Site-wide	X - Site-wide	050-00306/2009-003
142 - Operating experience (OE) review LTA	X - Site-wide	X - Site-wide	050-00306/2009-003
142 - Operating experience (OE) review LTA	X - Site-wide	X - Site-wide	050-00306/2009-003
142 - Operating experience (OE) review LTA	O - Operations	O - Control Room Ops	050-00306/2009-003
143 - Tracking / trending LTA	O - Operations	O - Control Room Ops	050-00306/2009-003
143 - Tracking / trending LTA	M - Mechanical	M - Maintenance / Repair	050-00306/2009-003
143 - Tracking / trending LTA	X - Site-wide	X - Site-wide	050-00306/2008-005
146 - Evaluation LTA	G - Engineering	G - Design	050-00306/2009-101
146 - Evaluation LTA	C - Chemistry	G - Design	050-00306/2008-005
146 - Evaluation LTA	O - Operations	O - Control Room Ops	050-00306/2008-005
146 - Evaluation LTA	S - Specialized task force	W - Assessment	050-00306/2008-005

**U.S. Nuclear Regulatory Commission
Human Factors Information System (HFIS)
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Total Number of Hits: 166

National Average: 46

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National Median: 23

Average for Selected Dockets: 166

Facility Name: Prairie Island 2 Docket (050- 00306)

Details	Department	Work Type	Docket/Report
Problem Identification & Resolution / IR			
146 - Evaluation LTA	H - Health Physics	H - Health Physics	050-00306/2008-009
146 - Evaluation LTA	Y - Shipping / transportation	H - Health Physics	050-00306/2008-009
148 - Action not yet started or untimely	M - Mechanical	Q - Fire Protection	050-00306/2009-007
148 - Action not yet started or untimely	M - Mechanical	Q - Fire Protection	050-00306/2009-007
150 - Programmatic deficiency	E - Electrical	M - Maintenance / Repair	050-00306/2009-009
150 - Programmatic deficiency	T - Training	N - Training	050-00306/2008-009
Number of Items for this Docket: 23			
Percent of Total for this Docket: 14			

Training / IR

100 - Training LTA	H - Health Physics	H - Health Physics	050-00306/2008-009
100 - Training LTA	T - Training	N - Training	050-00306/2008-009
100 - Training LTA	O - Operations	O - Control Room Ops	050-00306/2009-003
101 - Training process problem	H - Health Physics	H - Health Physics	050-00306/2008-009
101 - Training process problem	T - Training	N - Training	050-00306/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00306/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00306/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00306/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00306/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00306/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00306/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00306/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00306/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00306/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00306/2008-009
102 - Individual knowledge LTA	T - Training	N - Training	050-00306/2008-009
102 - Individual knowledge LTA	O - Operations	O - Control Room Ops	050-00306/2009-003
102 - Individual knowledge LTA	O - Operations	O - Control Room Ops	050-00306/2009-003
Number of Items for this Docket: 18			
Percent of Total for this Docket: 11			

Work Planning & Practices / IR

182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00306/2009-004
182 - Work package quality LTA	Y - Shipping / transportation	Y - Shipping / transportatic	050-00306/2008-009

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Facility Name: Prairie Island 2 Docket (050- 00306)

Details	Department	Work Type	Docket/Report
Work Planning & Practices / IR			
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00306/2009-003
182 - Work package quality LTA	E - Electrical	M - Maintenance / Repair	050-00306/2009-003
183 - Pre-job activities LTA	H - Health Physics	H - Health Physics	050-00306/2008-009
183 - Pre-job activities LTA	O - Operations	O - Control Room Ops	050-00306/2009-003
183 - Pre-job activities LTA	M - Mechanical	M - Maintenance / Repair	050-00306/2009-003
183 - Pre-job activities LTA	E - Electrical	M - Maintenance / Repair	050-00306/2009-003
184 - Tag outs LTA	E - Electrical	M - Maintenance / Repair	050-00306/2009-003
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00306/2008-005
185 - Procedural adherence LTA	H - Health Physics	H - Health Physics	050-00306/2008-009
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00306/2009-009
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00306/2009-009
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00306/2009-003
185 - Procedural adherence LTA	O - Operations	T - Testing	050-00306/2009-009
185 - Procedural adherence LTA	F - Fuel Handling	R - Refueling	050-00306/2008-005
185 - Procedural adherence LTA	F - Fuel Handling	R - Refueling	050-00306/2008-005
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00306/2009-003
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00306/2009-003
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00306/2009-003
185 - Procedural adherence LTA	I - Instrumentation & Control	T - Testing	050-00306/2008-005
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00306/2008-005
185 - Procedural adherence LTA	X - Site-wide	X - Site-wide	050-00306/2008-005
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00306/2009-003
185 - Procedural adherence LTA	G - Engineering	G - Design	050-00306/2008-005
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00306/2008-005
185 - Procedural adherence LTA	F - Fuel Handling	R - Refueling	050-00306/2008-005
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00306/2008-005
185 - Procedural adherence LTA	I - Instrumentation & Control	M - Maintenance / Repair	050-00306/2008-005
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00306/2009-003
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00306/2009-003
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00306/2009-003
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00306/2009-004
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00306/2009-012

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Details	Department	Work Type	Docket/Report
Work Planning & Practices / IR			
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00306/2009-013
186 - Failure to take action / meet requirements	A - Administrative Support	A - Administrative	050-00306/2009-014
186 - Failure to take action / meet requirements	H - Health Physics	H - Health Physics	050-00306/2008-009
186 - Failure to take action / meet requirements	M - Mechanical	Q - Fire Protection	050-00306/2009-007
186 - Failure to take action / meet requirements	P - Procedure Writers	P - Procedure Dev	050-00306/2009-013
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00306/2009-014
186 - Failure to take action / meet requirements	L - Licensing / regulatory affairs	A - Administrative	050-00306/2009-013
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00306/2009-003
186 - Failure to take action / meet requirements	O - Operations	D - Emergency Drill	050-00306/2009-004
186 - Failure to take action / meet requirements	M - Mechanical	Q - Fire Protection	050-00306/2009-007
186 - Failure to take action / meet requirements	O - Operations	T - Testing	050-00306/2009-009
186 - Failure to take action / meet requirements	Q - Quality assurance / oversight	M - Maintenance / Repair	050-00306/2009-009
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00306/2009-003
186 - Failure to take action / meet requirements	Y - Shipping / transportation	Y - Shipping / transportatic	050-00306/2008-009
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00306/2009-003
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00306/2009-003
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00306/2009-003
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00306/2009-003
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00306/2008-005
186 - Failure to take action / meet requirements	E - Electrical	M - Maintenance / Repair	050-00306/2009-003
187 - Action implementation LTA	G - Engineering	G - Design	050-00306/2009-101
188 - Work practice or craft skill LTA	H - Health Physics	H - Health Physics	050-00306/2008-009
189 - Recognition of adverse condition / questioning attitude LTA	H - Health Physics	H - Health Physics	050-00306/2008-009
189 - Recognition of adverse condition / questioning attitude LTA	O - Operations	O - Control Room Ops	050-00306/2008-005
189 - Recognition of adverse condition / questioning attitude LTA	O - Operations	O - Control Room Ops	050-00306/2009-003
190 - Failure to stop work / non-conservative decision making	M - Mechanical	M - Maintenance / Repair	050-00306/2009-003
190 - Failure to stop work / non-conservative decision making	H - Health Physics	H - Health Physics	050-00306/2008-009
190 - Failure to stop work / non-conservative decision making	F - Fuel Handling	R - Refueling	050-00306/2008-005
190 - Failure to stop work / non-conservative decision making	Y - Shipping / transportation	Y - Shipping / transportatic	050-00306/2008-009
190 - Failure to stop work / non-conservative decision making	M - Mechanical	M - Maintenance / Repair	050-00306/2009-003
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00306/2008-005
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00306/2009-003

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Details	Department	Work Type	Docket/Report
Work Planning & Practices / IR			
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00306/2009-003
191 - Team interactions LTA	Y - Shipping / transportation	Y - Shipping / transportatic	050-00306/2008-009
193 - Non-conservative action	M - Mechanical	M - Maintenance / Repair	050-00306/2008-005
194 - Housekeeping LTA	M - Mechanical	M - Maintenance / Repair	050-00306/2009-007
197 - Self-check LTA	F - Fuel Handling	R - Refueling	050-00306/2008-005
197 - Self-check LTA	O - Operations	O - Control Room Ops	050-00306/2009-003
198 - Worker distracted / interrupted	F - Fuel Handling	R - Refueling	050-00306/2008-005
Number of Items for this Docket: 73			
Percent of Total for this Docket: 44			
Communication / LER			
161 - Communication LTA	H - Health Physics	H - Health Physics	050-00306/2009-009-00
161 - Communication LTA	H - Health Physics	H - Health Physics	050-00306/2009-009-00
Number of Items for this Docket: 2			
Percent of Total for this Docket: 1			
Oversight / LER			
130 - Inadequate suprevison / command and control	H - Health Physics	H - Health Physics	050-00306/2009-009-00
131 - Management expectations or directions LTA	H - Health Physics	H - Health Physics	050-00306/2009-009-00
Number of Items for this Docket: 2			
Percent of Total for this Docket: 1			
Procedures & Reference Document / LER			
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00306/2009-004-00
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00306/2009-004-01
113 - Procedure / reference document development and maintenance L	H - Health Physics	H - Health Physics	050-00306/2009-009-00
Number of Items for this Docket: 3			
Percent of Total for this Docket: 2			
Problem Identification & Resolution / LER			
142 - Operating experience (OE) review LTA	O - Operations	O - Control Room Ops	050-00306/2009-004-00
142 - Operating experience (OE) review LTA	G - Engineering	G - Design	050-00306/2009-004-01
142 - Operating experience (OE) review LTA	H - Health Physics	H - Health Physics	050-00306/2009-009-00
146 - Evaluation LTA	H - Health Physics	H - Health Physics	050-00306/2009-009-00
147 - Individual corrective action LTA	O - Operations	O - Control Room Ops	050-00306/2009-004-00

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Details	Department	Work Type	Docket/Report
Problem Identification & Resolution / LER			
147 - Individual corrective action LTA	O - Operations	O - Control Room Ops	050-00306/2009-004-01
Number of Items for this Docket: 6			
Percent of Total for this Docket: 4			
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Training / LER			
102 - Individual knowledge LTA	W - Work Control / Scheduling Outage Pla	A - Administrative	050-00306/2009-001-00
102 - Individual knowledge LTA	W - Work Control / Scheduling Outage Pla	A - Administrative	050-00306/2009-001-00
Number of Items for this Docket: 2			
Percent of Total for this Docket: 1			
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Work Planning & Practices / LER			
181 - Inadequate staffing / task allocation	W - Work Control / Scheduling Outage Pla	A - Administrative	050-00306/2009-001-00
181 - Inadequate staffing / task allocation	W - Work Control / Scheduling Outage Pla	A - Administrative	050-00306/2009-001-00
186 - Failure to take action / meet requirements	H - Health Physics	H - Health Physics	050-00306/2009-009-00
188 - Work practice or craft skill LTA	H - Health Physics	H - Health Physics	050-00306/2009-009-00
190 - Failure to stop work / non-conservative decision making	W - Work Control / Scheduling Outage Pla	A - Administrative	050-00306/2009-001-00
Number of Items for this Docket: 5			
Percent of Total for this Docket: 3			
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Total Items for this Docket: 166			
