

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

Total Number of Hits: 80

National Average: 43

2x National Average: 86

National Median: 24

Average for Selected Dockets: 80

---

**Facility Name: Indian Point 2 Docket (050- 00247)**

Details	Department	Work Type	Docket/Report
<b>Communication / IR</b>			
160 - No communication / information not communicated	G - Engineering	G - Design	050-00247/2005-013
160 - No communication / information not communicated	M - Mechanical	M - Maintenance / Repair	050-00247/2005-013
160 - No communication / information not communicated	M - Mechanical	M - Maintenance / Repair	050-00247/2006-002
160 - No communication / information not communicated	O - Operations	O - Control Room Ops	050-00247/2005-005
<b>Number of Items for this Docket: 4</b>			
<b>Percent of Total for this Docket: 5</b>			
<hr/>			
<b>Human-System Interface &amp; Environmnt / IR</b>			
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00247/2005-005
<b>Number of Items for this Docket: 1</b>			
<b>Percent of Total for this Docket: 1</b>			
<hr/>			
<b>Oversight / IR</b>			
130 - Inadequate supervision / command and control	M - Mechanical	M - Maintenance / Repair	050-00247/2006-002
<b>Number of Items for this Docket: 1</b>			
<b>Percent of Total for this Docket: 1</b>			
<hr/>			
<b>Procedures &amp; Reference Document / IR</b>			
111 - Procedure / reference document technical content	E - Electrical	S - Surveillance	050-00247/2006-003
111 - Procedure / reference document technical content	M - Mechanical	F - Modification	050-00247/2005-005
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00247/2006-003
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00247/2006-003
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00247/2006-004
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00247/2006-004
113 - Procedure / reference document development and maintenance L	Z - Other / Unknown	Z - Other / Unknown	050-00247/2005-013
<b>Number of Items for this Docket: 7</b>			
<b>Percent of Total for this Docket: 9</b>			
<hr/>			
<b>Problem Identification &amp; Resolution / IR</b>			
140 - Problem not completely or accurately identified	D - Emergency Planning	Q - Fire Protection	050-00247/2006-003
140 - Problem not completely or accurately identified	M - Mechanical	M - Maintenance / Repair	050-00247/2006-006
140 - Problem not completely or accurately identified	M - Mechanical	M - Maintenance / Repair	050-00247/2006-006
142 - Operating experience (OE) review LTA	D - Emergency Planning	Q - Fire Protection	050-00247/2006-003
142 - Operating experience (OE) review LTA	G - Engineering	G - Design	050-00247/2005-013
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2006-003
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2006-006

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

Total Number of Hits: 80

National Average: 43

2x National Average: 86

National Median: 24

Average for Selected Dockets: 80

---

**Facility Name: Indian Point 2 Docket (050- 00247)**

Details	Department	Work Type	Docket/Report
<b>Problem Identification &amp; Resolution / IR</b>			
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2006-006
144 - Audit / self-assessment / effectiveness review LTA	G - Engineering	G - Design	050-00247/2005-005
144 - Audit / self-assessment / effectiveness review LTA	G - Engineering	G - Design	050-00247/2005-013
144 - Audit / self-assessment / effectiveness review LTA	G - Engineering	G - Design	050-00247/2005-013
144 - Audit / self-assessment / effectiveness review LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2005-005
146 - Evaluation LTA	G - Engineering	G - Design	050-00247/2006-003
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2006-002
147 - Individual corrective action LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2006-003
147 - Individual corrective action LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2006-006
148 - Action not yet started or untimely	E - Electrical	M - Maintenance / Repair	050-00247/2005-005
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00247/2006-003
148 - Action not yet started or untimely	X - Site-wide	X - Site-wide	050-00247/2006-006
150 - Programmatic deficiency	D - Emergency Planning	D - Emergency Drill	050-00247/2005-005
150 - Programmatic deficiency	D - Emergency Planning	Q - Fire Protection	050-00247/2005-005
150 - Programmatic deficiency	D - Emergency Planning	Q - Fire Protection	050-00247/2006-002
150 - Programmatic deficiency	M - Mechanical	M - Maintenance / Repair	050-00247/2006-003
151 - Willingness to raise concerns LTA	X - Site-wide	X - Site-wide	050-00247/2006-006
<b>Number of Items for this Docket:</b> 24			
<b>Percent of Total for this Docket:</b> 30			

**Training / IR**

101 - Training process problem	M - Mechanical	M - Maintenance / Repair	050-00247/2005-013
<b>Number of Items for this Docket:</b> 1			
<b>Percent of Total for this Docket:</b> 1			

**Work Planning & Practices / IR**

182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2005-013
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2006-002
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2006-003
183 - Pre-job activities LTA	G - Engineering	G - Design	050-00247/2005-013
185 - Procedural adherence LTA	H - Health Physics	H - Health Physics	050-00247/2006-003
185 - Procedural adherence LTA	I - Instrumentation & Control	S - Surveillance	050-00247/2006-002
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2006-002
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2006-002

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

Total Number of Hits: 80

National Average: 43

2x National Average: 86

National Median: 24

Average for Selected Dockets: 80

---

**Facility Name: Indian Point 2 Docket (050- 00247)**

Details	Department	Work Type	Docket/Report
<b>Work Planning &amp; Practices / IR</b>			
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2006-003
185 - Procedural adherence LTA	M - Mechanical	T - Testing	050-00247/2006-003
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00247/2006-003
186 - Failure to take action / meet requirements	G - Engineering	G - Design	050-00247/2006-004
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00247/2006-003
186 - Failure to take action / meet requirements	M - Mechanical	T - Testing	050-00247/2006-003
188 - Work practice or craft skill LTA	G - Engineering	G - Design	050-00247/2005-005
188 - Work practice or craft skill LTA	H - Health Physics	H - Health Physics	050-00247/2006-003
188 - Work practice or craft skill LTA	M - Mechanical	F - Modification	050-00247/2005-005
188 - Work practice or craft skill LTA	M - Mechanical	F - Modification	050-00247/2005-005
188 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00247/2005-005
189 - Recognition of adverse condition / questioning attitude LTA	D - Emergency Planning	Q - Fire Protection	050-00247/2006-002
190 - Failure to stop work / non-conservative decision making	F - Fuel Handling	R - Refueling	050-00247/2006-003
192 - Work untimely	M - Mechanical	M - Maintenance / Repair	050-00247/2006-002
194 - Housekeeping LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2005-005
196 - Independent verification / plant tours LTA	D - Emergency Planning	Q - Fire Protection	050-00247/2006-003
<b>Number of Items for this Docket: 24</b>			
<b>Percent of Total for this Docket: 30</b>			
<hr/>			
<b>Communication / LER</b>			
161 - Communication LTA	M - Mechanical	V - Troubleshooting	050-00247/2006-006-00
161 - Communication LTA	O - Operations	V - Troubleshooting	050-00247/2006-006-00
<b>Number of Items for this Docket: 2</b>			
<b>Percent of Total for this Docket: 3</b>			
<hr/>			
<b>Human-System Interface &amp; Environmnt / LER</b>			
170 - HSI or information availability / quality LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2006-001-00
173 - Physical conditions LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2006-001-00
<b>Number of Items for this Docket: 2</b>			
<b>Percent of Total for this Docket: 3</b>			
<hr/>			
<b>Procedures &amp; Reference Document / LER</b>			
110 - No procedure / reference documents	O - Operations	O - Control Room Ops	050-00247/2006-003-00
111 - Procedure / reference document technical content	I - Instrumentation & Control	C - Calibration	050-00247/2006-003-00
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00247/2006-007-00

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

Total Number of Hits: 80

National Average: 43

2x National Average: 86

National Median: 24

Average for Selected Dockets: 80

---

**Facility Name: Indian Point 2 Docket (050- 00247)**

<b>Details</b>	<b>Department</b>	<b>Work Type</b>	<b>Docket/Report</b>
<b>Procedures &amp; Reference Document / LER</b>			
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00247/2006-003-00
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00247/2006-004-00
111 - Procedure / reference document technical content	W - Work Control / Scheduling Outage Pla	A - Administrative	050-00247/2006-001-00
<b>Number of Items for this Docket:</b> 6			
<b>Percent of Total for this Docket:</b> 8			
<b>Work Planning &amp; Practices / LER</b>			
180 - Scheduling and planning LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2006-001-00
183 - Pre-job activities LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2006-001-00
183 - Pre-job activities LTA	O - Operations	V - Troubleshooting	050-00247/2006-006-00
187 - Action implementation LTA	P - Procedure Writers	P - Procedure Dev	050-00247/2006-003-00
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2006-001-00
189 - Recognition of adverse condition / questioning attitude LTA	M - Mechanical	V - Troubleshooting	050-00247/2006-006-00
189 - Recognition of adverse condition / questioning attitude LTA	O - Operations	V - Troubleshooting	050-00247/2006-006-00
197 - Self-check LTA	M - Mechanical	M - Maintenance / Repair	050-00247/2006-001-00
<b>Number of Items for this Docket:</b> 8			
<b>Percent of Total for this Docket:</b> 10			
<b>Total Items for this Docket: 80</b>			

---