

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

Total Number of Hits: 108

National Average: 56

2x National Average: 112

National Median: 25

Average for Selected Dockets: 108

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**Facility Name: Salem 1 Docket (050- 00272)**

Details	Department	Work Type	Docket/Report
<b>Communication / IR</b>			
160 - No communication / information not communicated	B - Management	O - Control Room Ops	050-00272/2005-013
160 - No communication / information not communicated	B - Management	Z - Other / Unknown	050-00272/2005-013
160 - No communication / information not communicated	M - Mechanical	M - Maintenance / Repair	050-00272/2004-005
160 - No communication / information not communicated	M - Mechanical	M - Maintenance / Repair	050-00272/2004-005
160 - No communication / information not communicated	O - Operations	O - Control Room Ops	050-00272/2005-013
160 - No communication / information not communicated	Z - Other / Unknown	Z - Other / Unknown	050-00272/2005-013
160 - No communication / information not communicated	Z - Other / Unknown	Z - Other / Unknown	050-00272/2005-013
160 - No communication / information not communicated	Z - Other / Unknown	Z - Other / Unknown	050-00272/2005-013
161 - Communication LTA	B - Management	Z - Other / Unknown	050-00272/2005-002
161 - Communication LTA	B - Management	Z - Other / Unknown	050-00272/2005-002
161 - Communication LTA	B - Management	Z - Other / Unknown	050-00272/2005-002
161 - Communication LTA	B - Management	Z - Other / Unknown	050-00272/2005-002
<b>Number of Items for this Docket:</b> 12			
<b>Percent of Total for this Docket:</b> 11			
<b>Human-System Interface &amp; Environmnt / IR</b>			
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00272/2005-003
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00272/2005-007
<b>Number of Items for this Docket:</b> 2			
<b>Percent of Total for this Docket:</b> 2			
<b>Oversight / IR</b>			
130 - Inadequate suprevison / command and control	B - Management	B - Bal of Plant Ops	050-00272/2004-005
130 - Inadequate suprevison / command and control	Z - Other / Unknown	Z - Other / Unknown	050-00272/2005-013
131 - Management expectations or directions LTA	B - Management	Z - Other / Unknown	050-00272/2005-002
131 - Management expectations or directions LTA	Z - Other / Unknown	Z - Other / Unknown	050-00272/2005-013
<b>Number of Items for this Docket:</b> 4			
<b>Percent of Total for this Docket:</b> 4			
<b>Procedures &amp; Reference Document / IR</b>			
111 - Procedure / reference document technical content	B - Management	A - Administrative	050-00272/2004-005
111 - Procedure / reference document technical content	O - Operations	B - Bal of Plant Ops	050-00272/2005-004
111 - Procedure / reference document technical content	O - Operations	B - Bal of Plant Ops	050-00272/2005-004
113 - Procedure / reference document development and maintenance L	A - Administrative Support	A - Administrative	050-00272/2005-009

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<b>Procedures &amp; Reference Document / IR</b>			
113 - Procedure / reference document development and maintenance L	Z - Other / Unknown	Z - Other / Unknown	050-00272/2005-004
<b>Number of Items for this Docket: 5</b>			
<b>Percent of Total for this Docket: 5</b>			
<b>Problem Identification &amp; Resolution / IR</b>			
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00272/2005-003
142 - Operating experience (OE) review LTA	O - Operations	B - Bal of Plant Ops	050-00272/2005-002
144 - Audit / self-assessment / effectiveness review LTA	B - Management	A - Administrative	050-00272/2005-002
144 - Audit / self-assessment / effectiveness review LTA	B - Management	Z - Other / Unknown	050-00272/2005-002
144 - Audit / self-assessment / effectiveness review LTA	B - Management	Z - Other / Unknown	050-00272/2005-013
144 - Audit / self-assessment / effectiveness review LTA	E - Electrical	V - Troubleshooting	050-00272/2004-005
144 - Audit / self-assessment / effectiveness review LTA	G - Engineering	G - Design	050-00272/2005-002
144 - Audit / self-assessment / effectiveness review LTA	G - Engineering	O - Control Room Ops	050-00272/2005-007
144 - Audit / self-assessment / effectiveness review LTA	O - Operations	G - Design	050-00272/2005-007
144 - Audit / self-assessment / effectiveness review LTA	O - Operations	O - Control Room Ops	050-00272/2005-007
144 - Audit / self-assessment / effectiveness review LTA	Z - Other / Unknown	Z - Other / Unknown	050-00272/2005-004
145 - Causal development LTA	B - Management	V - Troubleshooting	050-00272/2005-002
145 - Causal development LTA	B - Management	Z - Other / Unknown	050-00272/2005-013
145 - Causal development LTA	B - Management	Z - Other / Unknown	050-00272/2005-013
145 - Causal development LTA	G - Engineering	G - Design	050-00272/2005-007
145 - Causal development LTA	Z - Other / Unknown	Z - Other / Unknown	050-00272/2005-013
147 - Individual corrective action LTA	B - Management	O - Control Room Ops	050-00272/2005-002
147 - Individual corrective action LTA	B - Management	Z - Other / Unknown	050-00272/2005-003
147 - Individual corrective action LTA	M - Mechanical	M - Maintenance / Repair	050-00272/2005-004
147 - Individual corrective action LTA	O - Operations	B - Bal of Plant Ops	050-00272/2005-004
147 - Individual corrective action LTA	O - Operations	O - Control Room Ops	050-00272/2005-007
148 - Action not yet started or untimely	E - Electrical	M - Maintenance / Repair	050-00272/2005-007
148 - Action not yet started or untimely	E - Electrical	M - Maintenance / Repair	050-00272/2005-007
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00272/2004-005
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00272/2004-005
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00272/2005-003
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00272/2005-013
148 - Action not yet started or untimely	O - Operations	O - Control Room Ops	050-00272/2005-007

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Details	Department	Work Type	Docket/Report
<b>Problem Identification &amp; Resolution / IR</b>			
148 - Action not yet started or untimely	O - Operations	O - Control Room Ops	050-00272/2005-013
148 - Action not yet started or untimely	O - Operations	V - Troubleshooting	050-00272/2004-005
148 - Action not yet started or untimely	O - Operations	V - Troubleshooting	050-00272/2004-005
148 - Action not yet started or untimely	O - Operations	V - Troubleshooting	050-00272/2004-005
148 - Action not yet started or untimely	T - Training	T - Testing	050-00272/2004-005
148 - Action not yet started or untimely	Z - Other / Unknown	Z - Other / Unknown	050-00272/2005-013
149 - No action planned	B - Management	Z - Other / Unknown	050-00272/2005-013
149 - No action planned	M - Mechanical	M - Maintenance / Repair	050-00272/2005-004
149 - No action planned	O - Operations	B - Bal of Plant Ops	050-00272/2005-004
150 - Programmatic deficiency	B - Management	V - Troubleshooting	050-00272/2005-002
150 - Programmatic deficiency	B - Management	Z - Other / Unknown	050-00272/2005-013
150 - Programmatic deficiency	M - Mechanical	M - Maintenance / Repair	050-00272/2005-013
150 - Programmatic deficiency	O - Operations	B - Bal of Plant Ops	050-00272/2004-005
150 - Programmatic deficiency	O - Operations	O - Control Room Ops	050-00272/2005-007
150 - Programmatic deficiency	O - Operations	O - Control Room Ops	050-00272/2005-013
<b>Number of Items for this Docket:</b> 43			
<b>Percent of Total for this Docket:</b> 40			

**Training / IR**

100 - Training LTA	T - Training	T - Testing	050-00272/2005-009
102 - Individual knowledge LTA	M - Mechanical	M - Maintenance / Repair	050-00272/2004-005
<b>Number of Items for this Docket:</b> 2			
<b>Percent of Total for this Docket:</b> 2			

**Work Planning & Practices / IR**

180 - Scheduling and planning LTA	B - Management	O - Control Room Ops	050-00272/2005-007
180 - Scheduling and planning LTA	M - Mechanical	M - Maintenance / Repair	050-00272/2005-013
181 - Inadequate staffing / task allocation	A - Administrative Support	A - Administrative	050-00272/2005-002
184 - Tag outs LTA	M - Mechanical	M - Maintenance / Repair	050-00272/2005-007
184 - Tag outs LTA	M - Mechanical	M - Maintenance / Repair	050-00272/2005-013
188 - Work practice or craft skill LTA	B - Management	Z - Other / Unknown	050-00272/2005-003
188 - Work practice or craft skill LTA	C - Chemistry	B - Bal of Plant Ops	050-00272/2005-003
188 - Work practice or craft skill LTA	C - Chemistry	T - Testing	050-00272/2005-002
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00272/2004-005

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Details	Department	Work Type	Docket/Report
<b>Work Planning &amp; Practices / IR</b>			
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00272/2005-002
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00272/2005-002
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00272/2005-004
188 - Work practice or craft skill LTA	M - Mechanical	O - Control Room Ops	050-00272/2005-007
188 - Work practice or craft skill LTA	O - Operations	B - Bal of Plant Ops	050-00272/2005-004
188 - Work practice or craft skill LTA	O - Operations	B - Bal of Plant Ops	050-00272/2005-004
188 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00272/2005-004
188 - Work practice or craft skill LTA	O - Operations	S - Surveillance	050-00272/2005-003
188 - Work practice or craft skill LTA	O - Operations	T - Testing	050-00272/2005-007
188 - Work practice or craft skill LTA	Q - Quality assurance / oversight	O - Control Room Ops	050-00272/2005-003
190 - Failure to stop work / non-conservative decision making	G - Engineering	G - Design	050-00272/2005-004
190 - Failure to stop work / non-conservative decision making	G - Engineering	G - Design	050-00272/2005-007
190 - Failure to stop work / non-conservative decision making	Z - Other / Unknown	Z - Other / Unknown	050-00272/2005-013
191 - Team interactions LTA	M - Mechanical	M - Maintenance / Repair	050-00272/2005-013
191 - Team interactions LTA	Z - Other / Unknown	Z - Other / Unknown	050-00272/2005-013
193 - Non-conservative action	G - Engineering	B - Bal of Plant Ops	050-00272/2005-002
196 - Independent verification / plant tours LTA	I - Instrumentation & Control	M - Maintenance / Repair	050-00272/2005-002
196 - Independent verification / plant tours LTA	M - Mechanical	S - Surveillance	050-00272/2005-004
197 - Self-check LTA	G - Engineering	F - Modification	050-00272/2004-005
198 - Worker distracted / interrupted	Z - Other / Unknown	Z - Other / Unknown	050-00272/2005-013
<b>Number of Items for this Docket:</b> 29			
<b>Percent of Total for this Docket:</b> 27			
<b>Communication / LER</b>			
161 - Communication LTA	O - Operations	T - Testing	050-00272/2005-005-00
161 - Communication LTA	O - Operations	T - Testing	050-00272/2005-005-00
<b>Number of Items for this Docket:</b> 2			
<b>Percent of Total for this Docket:</b> 2			
<b>Human-System Interface &amp; Environmnt / LER</b>			
173 - Physical conditions LTA	M - Mechanical	S - Surveillance	050-00272/2005-004-00
173 - Physical conditions LTA	M - Mechanical	S - Surveillance	050-00272/2005-004-00

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<b>Human-System Interface &amp; Environmnt / LER</b>			
173 - Physical conditions LTA	M - Mechanical	S - Surveillance	050-00272/2005-004-00
<b>Number of Items for this Docket:</b> 3			
<b>Percent of Total for this Docket:</b> 3			
<b>Procedures &amp; Reference Document / LER</b>			
111 - Procedure / reference document technical content	G - Engineering	S - Surveillance	050-00272/2005-003-00
111 - Procedure / reference document technical content	M - Mechanical	S - Surveillance	050-00272/2005-004-00
111 - Procedure / reference document technical content	O - Operations	T - Testing	050-00272/2005-005-00
<b>Number of Items for this Docket:</b> 3			
<b>Percent of Total for this Docket:</b> 3			
<b>Work Planning &amp; Practices / LER</b>			
183 - Pre-job activities LTA	O - Operations	B - Bal of Plant Ops	050-00272/2005-003-00
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00272/2005-004-00
197 - Self-check LTA	O - Operations	T - Testing	050-00272/2005-005-00
<b>Number of Items for this Docket:</b> 3			
<b>Percent of Total for this Docket:</b> 3			
<b>Total Items for this Docket:</b> 108			

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