

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

Total Number of Hits: 109

National Average: 56

2x National Average: 112

National Median: 25

Average for Selected Dockets: 109

Facility Name: Salem 2 Docket (050- 00311)

Details	Department	Work Type	Docket/Report
Communication / IR			
160 - No communication / information not communicated	B - Management	O - Control Room Ops	050-00311/2005-013
160 - No communication / information not communicated	B - Management	Z - Other / Unknown	050-00311/2005-013
160 - No communication / information not communicated	F - Fuel Handling	R - Refueling	050-00311/2005-003
160 - No communication / information not communicated	F - Fuel Handling	R - Refueling	050-00311/2005-003
160 - No communication / information not communicated	M - Mechanical	M - Maintenance / Repair	050-00311/2004-005
160 - No communication / information not communicated	M - Mechanical	M - Maintenance / Repair	050-00311/2004-005
160 - No communication / information not communicated	O - Operations	O - Control Room Ops	050-00311/2005-013
160 - No communication / information not communicated	Z - Other / Unknown	Z - Other / Unknown	050-00311/2005-013
160 - No communication / information not communicated	Z - Other / Unknown	Z - Other / Unknown	050-00311/2005-013
160 - No communication / information not communicated	Z - Other / Unknown	Z - Other / Unknown	050-00311/2005-013
161 - Communication LTA	B - Management	Z - Other / Unknown	050-00311/2005-002
161 - Communication LTA	B - Management	Z - Other / Unknown	050-00311/2005-002
161 - Communication LTA	B - Management	Z - Other / Unknown	050-00311/2005-002
161 - Communication LTA	B - Management	Z - Other / Unknown	050-00311/2005-002
Number of Items for this Docket: 14			
Percent of Total for this Docket: 13			

Human-System Interface & Environmnt / IR

170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00311/2005-003
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00311/2005-007
Number of Items for this Docket: 2			
Percent of Total for this Docket: 2			

Oversight / IR

130 - Inadequate supervision / command and control	B - Management	B - Bal of Plant Ops	050-00311/2004-005
130 - Inadequate supervision / command and control	Z - Other / Unknown	Z - Other / Unknown	050-00311/2005-013
131 - Management expectations or directions LTA	B - Management	Z - Other / Unknown	050-00311/2005-002
131 - Management expectations or directions LTA	Z - Other / Unknown	Z - Other / Unknown	050-00311/2005-013
Number of Items for this Docket: 4			
Percent of Total for this Docket: 4			

Procedures & Reference Document / IR

111 - Procedure / reference document technical content	B - Management	A - Administrative	050-00311/2004-005
111 - Procedure / reference document technical content	O - Operations	B - Bal of Plant Ops	050-00311/2005-004
111 - Procedure / reference document technical content	O - Operations	B - Bal of Plant Ops	050-00311/2005-004

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Details	Department	Work Type	Docket/Report
Procedures & Reference Document / IR			
113 - Procedure / reference document development and maintenance L	A - Administrative Support	A - Administrative	050-00311/2005-009
113 - Procedure / reference document development and maintenance L	Z - Other / Unknown	Z - Other / Unknown	050-00311/2005-004
Number of Items for this Docket: 5			
Percent of Total for this Docket: 5			
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Problem Identification & Resolution / IR			
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00311/2005-003
142 - Operating experience (OE) review LTA	O - Operations	B - Bal of Plant Ops	050-00311/2005-002
144 - Audit / self-assessment / effectiveness review LTA	B - Management	A - Administrative	050-00311/2005-002
144 - Audit / self-assessment / effectiveness review LTA	B - Management	Z - Other / Unknown	050-00311/2005-002
144 - Audit / self-assessment / effectiveness review LTA	B - Management	Z - Other / Unknown	050-00311/2005-013
144 - Audit / self-assessment / effectiveness review LTA	E - Electrical	V - Troubleshooting	050-00311/2004-005
144 - Audit / self-assessment / effectiveness review LTA	G - Engineering	G - Design	050-00311/2005-002
144 - Audit / self-assessment / effectiveness review LTA	G - Engineering	O - Control Room Ops	050-00311/2005-007
144 - Audit / self-assessment / effectiveness review LTA	M - Mechanical	M - Maintenance / Repair	050-00311/2005-007
144 - Audit / self-assessment / effectiveness review LTA	O - Operations	G - Design	050-00311/2005-007
144 - Audit / self-assessment / effectiveness review LTA	O - Operations	O - Control Room Ops	050-00311/2005-007
144 - Audit / self-assessment / effectiveness review LTA	Z - Other / Unknown	Z - Other / Unknown	050-00311/2005-004
145 - Causal development LTA	B - Management	V - Troubleshooting	050-00311/2005-002
145 - Causal development LTA	B - Management	Z - Other / Unknown	050-00311/2005-013
145 - Causal development LTA	B - Management	Z - Other / Unknown	050-00311/2005-013
145 - Causal development LTA	G - Engineering	G - Design	050-00311/2005-007
145 - Causal development LTA	Z - Other / Unknown	Z - Other / Unknown	050-00311/2005-013
147 - Individual corrective action LTA	B - Management	O - Control Room Ops	050-00311/2005-002
147 - Individual corrective action LTA	B - Management	Z - Other / Unknown	050-00311/2005-003
147 - Individual corrective action LTA	M - Mechanical	M - Maintenance / Repair	050-00311/2005-004
147 - Individual corrective action LTA	O - Operations	B - Bal of Plant Ops	050-00311/2005-004
147 - Individual corrective action LTA	O - Operations	O - Control Room Ops	050-00311/2005-007
148 - Action not yet started or untimely	E - Electrical	M - Maintenance / Repair	050-00311/2005-007
148 - Action not yet started or untimely	E - Electrical	M - Maintenance / Repair	050-00311/2005-007
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00311/2004-005
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00311/2004-005
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00311/2005-003

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Details	Department	Work Type	Docket/Report
Problem Identification & Resolution / IR			
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00311/2005-003
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00311/2005-013
148 - Action not yet started or untimely	O - Operations	O - Control Room Ops	050-00311/2005-007
148 - Action not yet started or untimely	O - Operations	O - Control Room Ops	050-00311/2005-013
148 - Action not yet started or untimely	T - Training	T - Testing	050-00311/2004-005
148 - Action not yet started or untimely	Z - Other / Unknown	Z - Other / Unknown	050-00311/2005-013
149 - No action planned	B - Management	Z - Other / Unknown	050-00311/2005-013
149 - No action planned	M - Mechanical	M - Maintenance / Repair	050-00311/2005-004
149 - No action planned	M - Mechanical	T - Testing	050-00311/2004-005
149 - No action planned	O - Operations	B - Bal of Plant Ops	050-00311/2005-004
150 - Programmatic deficiency	B - Management	V - Troubleshooting	050-00311/2005-002
150 - Programmatic deficiency	B - Management	Z - Other / Unknown	050-00311/2005-013
150 - Programmatic deficiency	M - Mechanical	M - Maintenance / Repair	050-00311/2005-013
150 - Programmatic deficiency	O - Operations	O - Control Room Ops	050-00311/2005-007
150 - Programmatic deficiency	O - Operations	O - Control Room Ops	050-00311/2005-013
Number of Items for this Docket: 42			
Percent of Total for this Docket: 39			

Training / IR

100 - Training LTA	T - Training	T - Testing	050-00311/2005-009
102 - Individual knowledge LTA	M - Mechanical	M - Maintenance / Repair	050-00311/2004-005
Number of Items for this Docket: 2			
Percent of Total for this Docket: 2			

Work Planning & Practices / IR

180 - Scheduling and planning LTA	B - Management	O - Control Room Ops	050-00311/2005-007
180 - Scheduling and planning LTA	M - Mechanical	M - Maintenance / Repair	050-00311/2005-013
181 - Inadequate staffing / task allocation	A - Administrative Support	A - Administrative	050-00311/2005-002
184 - Tag outs LTA	M - Mechanical	M - Maintenance / Repair	050-00311/2005-007
184 - Tag outs LTA	M - Mechanical	M - Maintenance / Repair	050-00311/2005-013
188 - Work practice or craft skill LTA	B - Management	Z - Other / Unknown	050-00311/2005-003
188 - Work practice or craft skill LTA	C - Chemistry	B - Bal of Plant Ops	050-00311/2005-003
188 - Work practice or craft skill LTA	C - Chemistry	T - Testing	050-00311/2005-002
188 - Work practice or craft skill LTA	F - Fuel Handling	R - Refueling	050-00311/2005-003

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Details	Department	Work Type	Docket/Report
Work Planning & Practices / IR			
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00311/2004-005
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00311/2005-002
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00311/2005-002
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00311/2005-004
188 - Work practice or craft skill LTA	M - Mechanical	O - Control Room Ops	050-00311/2005-007
188 - Work practice or craft skill LTA	O - Operations	B - Bal of Plant Ops	050-00311/2005-004
188 - Work practice or craft skill LTA	O - Operations	B - Bal of Plant Ops	050-00311/2005-004
188 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00311/2005-004
188 - Work practice or craft skill LTA	O - Operations	S - Surveillance	050-00311/2005-003
188 - Work practice or craft skill LTA	O - Operations	T - Testing	050-00311/2005-007
188 - Work practice or craft skill LTA	Q - Quality assurance / oversight	O - Control Room Ops	050-00311/2005-003
190 - Failure to stop work / non-conservative decision making	G - Engineering	G - Design	050-00311/2005-004
190 - Failure to stop work / non-conservative decision making	G - Engineering	G - Design	050-00311/2005-007
190 - Failure to stop work / non-conservative decision making	M - Mechanical	B - Bal of Plant Ops	050-00311/2005-003
190 - Failure to stop work / non-conservative decision making	Z - Other / Unknown	Z - Other / Unknown	050-00311/2005-013
191 - Team interactions LTA	M - Mechanical	M - Maintenance / Repair	050-00311/2005-013
191 - Team interactions LTA	Z - Other / Unknown	Z - Other / Unknown	050-00311/2005-013
193 - Non-conservative action	G - Engineering	B - Bal of Plant Ops	050-00311/2005-002
196 - Independent verification / plant tours LTA	I - Instrumentation & Control	M - Maintenance / Repair	050-00311/2005-002
196 - Independent verification / plant tours LTA	M - Mechanical	S - Surveillance	050-00311/2005-004
197 - Self-check LTA	G - Engineering	F - Modification	050-00311/2004-005
198 - Worker distracted / interrupted	M - Mechanical	M - Maintenance / Repair	050-00311/2005-003
198 - Worker distracted / interrupted	Z - Other / Unknown	Z - Other / Unknown	050-00311/2005-013
Number of Items for this Docket: 32			
Percent of Total for this Docket: 29			
Communication / LER			
161 - Communication LTA	G - Engineering	M - Maintenance / Repair	050-00311/2005-004-00
161 - Communication LTA	O - Operations	M - Maintenance / Repair	050-00311/2005-004-00
161 - Communication LTA	W - Work Control / Scheduling Outage Pla	M - Maintenance / Repair	050-00311/2005-004-00
Number of Items for this Docket: 3			
Percent of Total for this Docket: 3			

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Details	Department	Work Type	Docket/Report
Procedures & Reference Document / LER			
111 - Procedure / reference document technical content	W - Work Control / Scheduling Outage Pla	M - Maintenance / Repair	050-00311/2005-001-00
111 - Procedure / reference document technical content	W - Work Control / Scheduling Outage Pla	M - Maintenance / Repair	050-00311/2005-004-00
Number of Items for this Docket: 2			
Percent of Total for this Docket: 2			
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Work Planning & Practices / LER			
180 - Scheduling and planning LTA	M - Mechanical	T - Testing	050-00311/2005-004-00
190 - Failure to stop work / non-conservative decision making	G - Engineering	V - Troubleshooting	050-00311/2005-002-00
190 - Failure to stop work / non-conservative decision making	W - Work Control / Scheduling Outage Pla	M - Maintenance / Repair	050-00311/2005-001-00
Number of Items for this Docket: 3			
Percent of Total for this Docket: 3			
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Total Items for this Docket: 109			
