

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

Total Number of Hits: 97

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 97

Facility Name: Waterford 3 Docket (050- 00382)

Details	Department	Work Type	Docket/Report
Communication / IR			
160 - No communication / information not communicated	A - Administrative Support	A - Administrative	050-00382/2009-010
160 - No communication / information not communicated	M - Mechanical	M - Maintenance / Repair	050-00382/2009-009
Number of Items for this Docket: 2			
Percent of Total for this Docket: 2			
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Human-System Interface & Environmnt / IR			
170 - HSI or information availability / quality LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2009-004
170 - HSI or information availability / quality LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2009-010
170 - HSI or information availability / quality LTA	M - Mechanical	Q - Fire Protection	050-00382/2009-006
170 - HSI or information availability / quality LTA	M - Mechanical	Q - Fire Protection	050-00382/2009-006
Number of Items for this Docket: 4			
Percent of Total for this Docket: 4			
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Procedures & Reference Document / IR			
111 - Procedure / reference document technical content	P - Procedure Writers	P - Procedure Dev	050-00382/2009-003
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00382/2008-005
111 - Procedure / reference document technical content	P - Procedure Writers	P - Procedure Dev	050-00382/2009-009
111 - Procedure / reference document technical content	M - Mechanical	T - Testing	050-00382/2009-009
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00382/2009-010
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00382/2009-010
111 - Procedure / reference document technical content	P - Procedure Writers	G - Design	050-00382/2009-009
111 - Procedure / reference document technical content	P - Procedure Writers	G - Design	050-00382/2009-009
111 - Procedure / reference document technical content	P - Procedure Writers	G - Design	050-00382/2009-009
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00382/2009-009
111 - Procedure / reference document technical content	P - Procedure Writers	P - Procedure Dev	050-00382/2009-009
113 - Procedure / reference document development and maintenance L	M - Mechanical	T - Testing	050-00382/2008-005
113 - Procedure / reference document development and maintenance L	M - Mechanical	Q - Fire Protection	050-00382/2009-006
113 - Procedure / reference document development and maintenance L	G - Engineering	G - Design	050-00382/2009-009
Number of Items for this Docket: 14			
Percent of Total for this Docket: 14			
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Problem Identification & Resolution / IR			
140 - Problem not completely or accurately identified	M - Mechanical	M - Maintenance / Repair	050-00382/2009-010
140 - Problem not completely or accurately identified	S - Specialized task force	W - Assessment	050-00382/2009-009
140 - Problem not completely or accurately identified	G - Engineering	G - Design	050-00382/2009-009

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Details	Department	Work Type	Docket/Report
Problem Identification & Resolution / IR			
140 - Problem not completely or accurately identified	M - Mechanical	M - Maintenance / Repair	050-00382/2009-009
141 - Problem not properly classified or prioritized	M - Mechanical	M - Maintenance / Repair	050-00382/2009-010
142 - Operating experience (OE) review LTA	S - Specialized task force	W - Assessment	050-00382/2009-009
142 - Operating experience (OE) review LTA	G - Engineering	G - Design	050-00382/2009-009
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2009-009
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2009-010
143 - Tracking / trending LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2009-010
143 - Tracking / trending LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2009-010
144 - Audit / self-assessment / effectiveness review LTA	G - Engineering	G - Design	050-00382/2009-009
144 - Audit / self-assessment / effectiveness review LTA	G - Engineering	G - Design	050-00382/2009-009
144 - Audit / self-assessment / effectiveness review LTA	G - Engineering	G - Design	050-00382/2009-009
144 - Audit / self-assessment / effectiveness review LTA	G - Engineering	G - Design	050-00382/2009-009
144 - Audit / self-assessment / effectiveness review LTA	X - Site-wide	X - Site-wide	050-00382/2009-009
145 - Causal development LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2009-010
145 - Causal development LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2009-003
145 - Causal development LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2009-003
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2009-004
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2009-003
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2009-010
146 - Evaluation LTA	G - Engineering	G - Design	050-00382/2008-005
146 - Evaluation LTA	G - Engineering	G - Design	050-00382/2008-005
146 - Evaluation LTA	G - Engineering	G - Design	050-00382/2008-005
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2009-003
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2009-010
146 - Evaluation LTA	G - Engineering	G - Design	050-00382/2009-009
147 - Individual corrective action LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2008-005
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00382/2008-005
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00382/2009-003
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00382/2009-009
150 - Programmatic deficiency	M - Mechanical	M - Maintenance / Repair	050-00382/2009-003

Number of Items for this Docket: 33

Percent of Total for this Docket: 34

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Facility Name: Waterford 3 Docket (050- 00382)

Details	Department	Work Type	Docket/Report
Training / IR			
100 - Training LTA	M - Mechanical	Q - Fire Protection	050-00382/2009-006
Number of Items for this Docket: 1			
Percent of Total for this Docket: 1			
Work Planning & Practices / IR			
181 - Inadequate staffing / task allocation	M - Mechanical	Q - Fire Protection	050-00382/2009-006
185 - Procedural adherence LTA	M - Mechanical	T - Testing	050-00382/2008-005
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2009-008
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2009-003
185 - Procedural adherence LTA	O - Operations	S - Surveillance	050-00382/2009-003
185 - Procedural adherence LTA	M - Mechanical	F - Modification	050-00382/2008-005
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2009-009
186 - Failure to take action / meet requirements	S - Specialized task force	W - Assessment	050-00382/2009-009
186 - Failure to take action / meet requirements	M - Mechanical	T - Testing	050-00382/2008-005
186 - Failure to take action / meet requirements	A - Administrative Support	A - Administrative	050-00382/2009-003
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00382/2009-004
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00382/2009-008
186 - Failure to take action / meet requirements	G - Engineering	G - Design	050-00382/2009-009
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00382/2009-003
186 - Failure to take action / meet requirements	M - Mechanical	Q - Fire Protection	050-00382/2009-006
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00382/2009-009
186 - Failure to take action / meet requirements	M - Mechanical	Q - Fire Protection	050-00382/2009-006
186 - Failure to take action / meet requirements	A - Administrative Support	A - Administrative	050-00382/2009-010
186 - Failure to take action / meet requirements	M - Mechanical	Q - Fire Protection	050-00382/2009-006
186 - Failure to take action / meet requirements	Q - Quality assurance / oversight	M - Maintenance / Repair	050-00382/2009-010
186 - Failure to take action / meet requirements	S - Specialized task force	W - Assessment	050-00382/2009-003
186 - Failure to take action / meet requirements	I - Instrumentation & Control	T - Testing	050-00382/2009-010
186 - Failure to take action / meet requirements	A - Administrative Support	A - Administrative	050-00382/2009-003
186 - Failure to take action / meet requirements	M - Mechanical	F - Modification	050-00382/2008-005
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00382/2009-010
186 - Failure to take action / meet requirements	E - Electrical	G - Design	050-00382/2009-009
187 - Action implementation LTA	G - Engineering	G - Design	050-00382/2008-005
187 - Action implementation LTA	G - Engineering	G - Design	050-00382/2008-005

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Details	Department	Work Type	Docket/Report
Work Planning & Practices / IR			
187 - Action implementation LTA	G - Engineering	G - Design	050-00382/2008-005
187 - Action implementation LTA	G - Engineering	G - Design	050-00382/2009-009
187 - Action implementation LTA	G - Engineering	G - Design	050-00382/2009-009
187 - Action implementation LTA	G - Engineering	G - Design	050-00382/2009-009
187 - Action implementation LTA	G - Engineering	G - Design	050-00382/2009-009
187 - Action implementation LTA	E - Electrical	G - Design	050-00382/2009-009
187 - Action implementation LTA	G - Engineering	G - Design	050-00382/2009-009
189 - Recognition of adverse condition / questioning attitude LTA	M - Mechanical	Q - Fire Protection	050-00382/2009-006
190 - Failure to stop work / non-conservative decision making	M - Mechanical	M - Maintenance / Repair	050-00382/2009-004
197 - Self-check LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2009-008
197 - Self-check LTA	M - Mechanical	M - Maintenance / Repair	050-00382/2009-003
Number of Items for this Docket: 39			
Percent of Total for this Docket: 40			
Procedures & Reference Document / LER			
111 - Procedure / reference document technical content	O - Operations	T - Testing	050-00382/2009-004-00
111 - Procedure / reference document technical content	O - Operations	T - Testing	050-00382/2009-004-00
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00382/2009-004-00
Number of Items for this Docket: 3			
Percent of Total for this Docket: 3			
Work Planning & Practices / LER			
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00382/2009-004-00
Number of Items for this Docket: 1			
Percent of Total for this Docket: 1			
Total Items for this Docket: 97			
