

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

Total Number of Hits: 82

National Average: 43

2x National Average: 86

National Median: 24

Average for Selected Dockets: 82

Facility Name: Three Mile Island 1 Docket (050- 00289)

Details	Department	Work Type	Docket/Report
Human-System Interface & Environmnt / IR			
170 - HSI or information availability / quality LTA	I - Instrumentation & Control	S - Surveillance	050-00289/2006-005
Number of Items for this Docket: 1			
Percent of Total for this Docket: 1			
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Oversight / IR			
130 - Inadequate suprevison / command and control	G - Engineering	G - Design	050-00289/2006-003
130 - Inadequate suprevison / command and control	M - Mechanical	M - Maintenance / Repair	050-00289/2005-009
130 - Inadequate suprevison / command and control	M - Mechanical	M - Maintenance / Repair	050-00289/2006-003
130 - Inadequate suprevison / command and control	M - Mechanical	T - Testing	050-00289/2005-009
131 - Management expectations or directions LTA	D - Emergency Planning	D - Emergency Drill	050-00289/2006-010
Number of Items for this Docket: 5			
Percent of Total for this Docket: 6			
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Procedures & Reference Document / IR			
111 - Procedure / reference document technical content	D - Emergency Planning	D - Emergency Drill	050-00289/2006-010
111 - Procedure / reference document technical content	E - Electrical	O - Control Room Ops	050-00289/2006-007
111 - Procedure / reference document technical content	G - Engineering	G - Design	050-00289/2005-009
111 - Procedure / reference document technical content	G - Engineering	G - Design	050-00289/2005-009
111 - Procedure / reference document technical content	G - Engineering	G - Design	050-00289/2006-007
111 - Procedure / reference document technical content	G - Engineering	S - Surveillance	050-00289/2006-007
111 - Procedure / reference document technical content	I - Instrumentation & Control	M - Maintenance / Repair	050-00289/2005-009
111 - Procedure / reference document technical content	I - Instrumentation & Control	S - Surveillance	050-00289/2005-009
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00289/2005-009
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00289/2005-009
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00289/2006-003
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00289/2006-007
113 - Procedure / reference document development and maintenance L	A - Administrative Support	A - Administrative	050-00289/2005-009
113 - Procedure / reference document development and maintenance L	D - Emergency Planning	Q - Fire Protection	050-00289/2005-012
113 - Procedure / reference document development and maintenance L	M - Mechanical	M - Maintenance / Repair	050-00289/2006-003
113 - Procedure / reference document development and maintenance L	P - Procedure Writers	P - Procedure Dev	050-00289/2005-009
Number of Items for this Docket: 16			
Percent of Total for this Docket: 20			
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Problem Identification & Resolution / IR			
140 - Problem not completely or accurately identified	G - Engineering	G - Design	050-00289/2006-003

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Problem Identification & Resolution / IR			
140 - Problem not completely or accurately identified	M - Mechanical	G - Design	050-00289/2006-007
140 - Problem not completely or accurately identified	O - Operations	O - Control Room Ops	050-00289/2006-007
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00289/2006-007
143 - Tracking / trending LTA	G - Engineering	G - Design	050-00289/2006-005
144 - Audit / self-assessment / effectiveness review LTA	G - Engineering	Q - Fire Protection	050-00289/2005-012
144 - Audit / self-assessment / effectiveness review LTA	M - Mechanical	M - Maintenance / Repair	050-00289/2005-009
144 - Audit / self-assessment / effectiveness review LTA	P - Procedure Writers	P - Procedure Dev	050-00289/2005-009
144 - Audit / self-assessment / effectiveness review LTA	Z - Other / Unknown	Z - Other / Unknown	050-00289/2005-009
145 - Causal development LTA	Z - Other / Unknown	Z - Other / Unknown	050-00289/2005-009
145 - Causal development LTA	Z - Other / Unknown	Z - Other / Unknown	050-00289/2005-009
146 - Evaluation LTA	G - Engineering	G - Design	050-00289/2006-003
146 - Evaluation LTA	G - Engineering	O - Control Room Ops	050-00289/2006-007
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00289/2006-007
147 - Individual corrective action LTA	M - Mechanical	M - Maintenance / Repair	050-00289/2006-007
148 - Action not yet started or untimely	I - Instrumentation & Control	S - Surveillance	050-00289/2006-005
148 - Action not yet started or untimely	O - Operations	O - Control Room Ops	050-00289/2006-007
148 - Action not yet started or untimely	T - Training	N - Training	050-00289/2006-010
148 - Action not yet started or untimely	Z - Other / Unknown	Z - Other / Unknown	050-00289/2005-009
150 - Programmatic deficiency	B - Management	W - Assessment	050-00289/2006-007
150 - Programmatic deficiency	I - Instrumentation & Control	S - Surveillance	050-00289/2006-005

Number of Items for this Docket: 21**Percent of Total for this Docket: 26****Training / IR**

100 - Training LTA	D - Emergency Planning	Q - Fire Protection	050-00289/2005-012
101 - Training process problem	D - Emergency Planning	D - Emergency Drill	050-00289/2006-010
101 - Training process problem	D - Emergency Planning	D - Emergency Drill	050-00289/2006-010

Number of Items for this Docket: 3**Percent of Total for this Docket: 4****Work Planning & Practices / IR**

180 - Scheduling and planning LTA	O - Operations	O - Control Room Ops	050-00289/2005-009
182 - Work package quality LTA	D - Emergency Planning	Q - Fire Protection	050-00289/2005-012
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00289/2006-003

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Details	Department	Work Type	Docket/Report
Work Planning & Practices / IR			
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00289/2006-003
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00289/2006-003
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00289/2006-007
183 - Pre-job activities LTA	D - Emergency Planning	Q - Fire Protection	050-00289/2005-012
183 - Pre-job activities LTA	M - Mechanical	M - Maintenance / Repair	050-00289/2006-003
183 - Pre-job activities LTA	M - Mechanical	M - Maintenance / Repair	050-00289/2006-003
185 - Procedural adherence LTA	I - Instrumentation & Control	S - Surveillance	050-00289/2006-005
185 - Procedural adherence LTA	I - Instrumentation & Control	S - Surveillance	050-00289/2006-007
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00289/2006-003
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00289/2006-003
187 - Action implementation LTA	G - Engineering	G - Design	050-00289/2006-003
187 - Action implementation LTA	G - Engineering	G - Design	050-00289/2006-005
187 - Action implementation LTA	G - Engineering	G - Design	050-00289/2006-007
187 - Action implementation LTA	G - Engineering	G - Design	050-00289/2006-007
187 - Action implementation LTA	M - Mechanical	M - Maintenance / Repair	050-00289/2006-003
188 - Work practice or craft skill LTA	D - Emergency Planning	Q - Fire Protection	050-00289/2005-009
188 - Work practice or craft skill LTA	F - Fuel Handling	R - Refueling	050-00289/2005-009
188 - Work practice or craft skill LTA	G - Engineering	G - Design	050-00289/2005-009
188 - Work practice or craft skill LTA	H - Health Physics	H - Health Physics	050-00289/2006-004
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00289/2005-009
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00289/2005-009
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00289/2005-009
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00289/2005-009
188 - Work practice or craft skill LTA	O - Operations	O - Control Room Ops	050-00289/2005-009
188 - Work practice or craft skill LTA	Q - Quality assurance / oversight	Z - Other / Unknown	050-00289/2006-004
189 - Recognition of adverse condition / questioning attitude LTA	D - Emergency Planning	Q - Fire Protection	050-00289/2006-004
189 - Recognition of adverse condition / questioning attitude LTA	G - Engineering	G - Design	050-00289/2006-007
190 - Failure to stop work / non-conservative decision making	G - Engineering	G - Design	050-00289/2006-007
190 - Failure to stop work / non-conservative decision making	M - Mechanical	M - Maintenance / Repair	050-00289/2006-003
191 - Team interactions LTA	M - Mechanical	M - Maintenance / Repair	050-00289/2005-009
191 - Team interactions LTA	O - Operations	O - Control Room Ops	050-00289/2005-009
196 - Independent verification / plant tours LTA	M - Mechanical	M - Maintenance / Repair	050-00289/2006-003

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Details

Work Planning & Practices / IR

197 - Self-check LTA

Department

Z - Other / Unknown

Work Type

A - Administrative

Docket/Report

050-00289/2005-009

Number of Items for this Docket: 36

Percent of Total for this Docket: 44

Total Items for this Docket: 82
