

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

**Total Number of Hits: 3662**  
**National Average: 35**  
**2x National Average: 70**  
**National Median: 21**  
**Average for Selected Dockets: 35**

**Facility Name: San Onofre 2 Docket (050- 00361)**

Details	Department	Work Type	Docket/Report
<b>Human-System Interface &amp; Environmnt / IR</b>			
170 - HSI or information availability / quality LTA	H - Health Physics	H - Health Physics	050-00361/2008-002
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00361/2008-003
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00361/2008-006
170 - HSI or information availability / quality LTA	O - Operations	O - Control Room Ops	050-00361/2008-010
<b>Number of Items for this Docket: 4</b>			
<b>Percent of Total for this Docket: 4</b>			

<b>Oversight / IR</b>			
130 - Inadequate supervision / command and control	O - Operations	O - Control Room Ops	050-00361/2008-003
<b>Number of Items for this Docket: 1</b>			
<b>Percent of Total for this Docket: 1</b>			

<b>Procedures &amp; Reference Document / IR</b>			
111 - Procedure / reference document technical content	E - Electrical	M - Maintenance / Repair	050-00361/2008-12
111 - Procedure / reference document technical content	E - Electrical	M - Maintenance / Repair	050-00361/2008-12
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00361/2008-003
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00361/2008-003
111 - Procedure / reference document technical content	O - Operations	O - Control Room Ops	050-00361/2008-010
111 - Procedure / reference document technical content	O - Operations	S - Surveillance	050-00361/2008-006
111 - Procedure / reference document technical content	P - Procedure Writers	P - Procedure Dev	050-00361/2008-010
113 - Procedure / reference document development and maintenance L	G - Engineering	G - Design	050-00361/2008-010
<b>Number of Items for this Docket: 8</b>			
<b>Percent of Total for this Docket: 8</b>			

<b>Problem Identification &amp; Resolution / IR</b>			
142 - Operating experience (OE) review LTA	G - Engineering	G - Design	050-00361/2008-010
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00361/2007-005
142 - Operating experience (OE) review LTA	M - Mechanical	M - Maintenance / Repair	050-00361/2008-010
142 - Operating experience (OE) review LTA	O - Operations	O - Control Room Ops	050-00361/2008-010
146 - Evaluation LTA	E - Electrical	G - Design	050-00361/2008-010
146 - Evaluation LTA	E - Electrical	M - Maintenance / Repair	050-00361/2007-005
146 - Evaluation LTA	G - Engineering	G - Design	050-00361/2008-002
146 - Evaluation LTA	G - Engineering	G - Design	050-00361/2008-003
146 - Evaluation LTA	G - Engineering	G - Design	050-00361/2008-010
146 - Evaluation LTA	G - Engineering	G - Design	050-00361/2008-010

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Details	Department	Work Type	Docket/Report
<b>Problem Identification &amp; Resolution / IR</b>			
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00361/2007-005
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00361/2007-005
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00361/2008-010
146 - Evaluation LTA	M - Mechanical	M - Maintenance / Repair	050-00361/2008-12
146 - Evaluation LTA	O - Operations	O - Control Room Ops	050-00361/2008-003
146 - Evaluation LTA	O - Operations	O - Control Room Ops	050-00361/2008-003
146 - Evaluation LTA	O - Operations	O - Control Room Ops	050-00361/2008-010
146 - Evaluation LTA	S - Specialized task force	W - Assessment	050-00361/2008-12
146 - Evaluation LTA	S - Specialized task force	W - Assessment	050-00361/2008-12
147 - Individual corrective action LTA	G - Engineering	G - Design	050-00361/2008-010
147 - Individual corrective action LTA	I - Instrumentation & Control	O - Control Room Ops	050-00361/2008-006
147 - Individual corrective action LTA	M - Mechanical	M - Maintenance / Repair	050-00361/2007-005
147 - Individual corrective action LTA	M - Mechanical	M - Maintenance / Repair	050-00361/2008-12
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00361/2008-12
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00361/2008-12
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00361/2008-12
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00361/2008-12
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00361/2008-12
148 - Action not yet started or untimely	M - Mechanical	M - Maintenance / Repair	050-00361/2008-12
150 - Programmatic deficiency	G - Engineering	G - Design	050-00361/2008-010
150 - Programmatic deficiency	M - Mechanical	M - Maintenance / Repair	050-00361/2007-005
150 - Programmatic deficiency	M - Mechanical	M - Maintenance / Repair	050-00361/2008-010
150 - Programmatic deficiency	O - Operations	O - Control Room Ops	050-00361/2008-010
150 - Programmatic deficiency	S - Specialized task force	W - Assessment	050-00361/2008-12
150 - Programmatic deficiency	X - Site-wide	X - Site-wide	050-00361/2008-12
<b>Number of Items for this Docket: 34</b>			
<b>Percent of Total for this Docket: 34</b>			

<b>Training / IR</b>			
100 - Training LTA	S - Specialized task force	W - Assessment	050-00361/2008-12
101 - Training process problem	S - Specialized task force	W - Assessment	050-00361/2008-12
<b>Number of Items for this Docket: 2</b>			
<b>Percent of Total for this Docket: 2</b>			

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**Facility Name: San Onofre 2 Docket (050- 00361)**

Details	Department	Work Type	Docket/Report
<b>Work Planning &amp; Practices / IR</b>			
182 - Work package quality LTA	E - Electrical	M - Maintenance / Repair	050-00361/2008-12
182 - Work package quality LTA	M - Mechanical	M - Maintenance / Repair	050-00361/2008-003
183 - Pre-job activities LTA	E - Electrical	M - Maintenance / Repair	050-00361/2008-12
185 - Procedural adherence LTA	E - Electrical	M - Maintenance / Repair	050-00361/2008-010
185 - Procedural adherence LTA	E - Electrical	M - Maintenance / Repair	050-00361/2008-010
185 - Procedural adherence LTA	E - Electrical	M - Maintenance / Repair	050-00361/2008-010
185 - Procedural adherence LTA	E - Electrical	M - Maintenance / Repair	050-00361/2008-010
185 - Procedural adherence LTA	E - Electrical	T - Testing	050-00361/2008-010
185 - Procedural adherence LTA	E - Electrical	T - Testing	050-00361/2008-010
185 - Procedural adherence LTA	E - Electrical	T - Testing	050-00361/2008-010
185 - Procedural adherence LTA	E - Electrical	T - Testing	050-00361/2008-010
185 - Procedural adherence LTA	G - Engineering	G - Design	050-00361/2008-003
185 - Procedural adherence LTA	H - Health Physics	H - Health Physics	050-00361/2008-002
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00361/2007-005
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00361/2008-002
185 - Procedural adherence LTA	M - Mechanical	M - Maintenance / Repair	050-00361/2008-12
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00361/2008-003
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00361/2008-003
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00361/2008-003
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00361/2008-003
185 - Procedural adherence LTA	O - Operations	O - Control Room Ops	050-00361/2008-006
185 - Procedural adherence LTA	Z - Other / Unknown	Z - Other / Unknown	050-00361/2007-005
185 - Procedural adherence LTA	Z - Other / Unknown	Z - Other / Unknown	050-00361/2007-005
185 - Procedural adherence LTA	Z - Other / Unknown	Z - Other / Unknown	050-00361/2007-005
186 - Failure to take action / meet requirements	E - Electrical	M - Maintenance / Repair	050-00361/2007-005
186 - Failure to take action / meet requirements	G - Engineering	G - Design	050-00361/2008-010
186 - Failure to take action / meet requirements	H - Health Physics	H - Health Physics	050-00361/2008-002
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00361/2007-005
186 - Failure to take action / meet requirements	M - Mechanical	M - Maintenance / Repair	050-00361/2008-010
186 - Failure to take action / meet requirements	O - Operations	O - Control Room Ops	050-00361/2008-010
187 - Action implementation LTA	E - Electrical	G - Design	050-00361/2008-010
187 - Action implementation LTA	G - Engineering	G - Design	050-00361/2008-010

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Details	Department	Work Type	Docket/Report
<b>Work Planning &amp; Practices / IR</b>			
187 - Action implementation LTA	G - Engineering	G - Design	050-00361/2008-010
187 - Action implementation LTA	G - Engineering	G - Design	050-00361/2008-12
188 - Work practice or craft skill LTA	H - Health Physics	H - Health Physics	050-00361/2008-002
188 - Work practice or craft skill LTA	M - Mechanical	M - Maintenance / Repair	050-00361/2008-003
189 - Recognition of adverse condition / questioning attitude LTA	M - Mechanical	M - Maintenance / Repair	050-00361/2008-002
189 - Recognition of adverse condition / questioning attitude LTA	O - Operations	O - Control Room Ops	050-00361/2008-003
189 - Recognition of adverse condition / questioning attitude LTA	O - Operations	O - Control Room Ops	050-00361/2008-006
190 - Failure to stop work / non-conservative decision making	G - Engineering	G - Design	050-00361/2008-003
190 - Failure to stop work / non-conservative decision making	M - Mechanical	M - Maintenance / Repair	050-00361/2008-002
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00361/2008-003
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00361/2008-003
190 - Failure to stop work / non-conservative decision making	O - Operations	O - Control Room Ops	050-00361/2008-006
197 - Self-check LTA	M - Mechanical	M - Maintenance / Repair	050-00361/2007-005
<b>Number of Items for this Docket: 45</b>			
<b>Percent of Total for this Docket: 45</b>			
<b>Oversight / LER</b>			
130 - Inadequate supervision / command and control	O - Operations	O - Control Room Ops	050-00361/2008-005-00
<b>Number of Items for this Docket: 1</b>			
<b>Percent of Total for this Docket: 1</b>			
<b>Procedures &amp; Reference Document / LER</b>			
111 - Procedure / reference document technical content	M - Mechanical	M - Maintenance / Repair	050-00361/2008-001-00
111 - Procedure / reference document technical content	O - Operations	S - Surveillance	050-00361/2008-007-00
<b>Number of Items for this Docket: 2</b>			
<b>Percent of Total for this Docket: 2</b>			
<b>Work Planning &amp; Practices / LER</b>			
182 - Work package quality LTA	E - Electrical	M - Maintenance / Repair	050-00361/2008-006-00
186 - Failure to take action / meet requirements	P - Procedure Writers	P - Procedure Dev	050-00361/2008-007-00
196 - Independent verification / plant tours LTA	E - Electrical	M - Maintenance / Repair	050-00361/2008-006-00
<b>Number of Items for this Docket: 3</b>			
<b>Percent of Total for this Docket: 3</b>			
<b>Total Items for this Docket: 100</b>			

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