

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

Total Number of Hits: 51

National Average: 43

2x National Average: 86

National Median: 21

Average for Selected Dockets: 51

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**Facility Name: Byron 2 Docket (050- 00455)**

| Details                                    | Department           | Work Type | Docket/Report      |
|--|----------------------|-----------|--------------------|
| <b>Communications / IR</b>                 |                      |           |                    |
| 53 - Communication LTA                     | B - Plant Management | Z - Other | 050-00455/2003-007 |
| 53 - Communication LTA                     | B - Plant Management | Z - Other | 050-00455/2003-007 |
| <b>Number of Items for this Docket: 2</b>  |                      |           |                    |
| <b>Percent of Total for this Docket: 4</b> |                      |           |                    |

| Details  | Department                               | Work Type           | Docket/Report      |
|--|--|---------------------|--------------------|
| <b>Management and Supervision / IR</b>         |  |                     |                    |
| 33 - Management expectations or directions LTA | B - Plant Management                     | M - Maint / Repair  | 050-00455/2003-007 |
| 33 - Management expectations or directions LTA | B - Plant Management                     | M - Maint / Repair  | 050-00455/2003-009 |
| 36 - Scheduling and planning LTA               | W - Work Control / Scheduling Outage Pla | M - Maint / Repair  | 050-00455/2004-007 |
| 40 - Individual Corrective Action LTA          | G - Engineering                          | M - Maint / Repair  | 050-00455/2003-009 |
| 40 - Individual Corrective Action LTA          | G - Engineering                          | M - Maint / Repair  | 050-00455/2004-002 |
| 40 - Individual Corrective Action LTA          | Z - Other                                | Z - Other           | 050-00455/2004-004 |
| 41 - Action not begun or untimely              | G - Engineering                          | M - Maint / Repair  | 050-00455/2003-009 |
| 44 - Corrective Action program LTA             | G - Engineering                          | M - Maint / Repair  | 050-00455/2003-009 |
| 44 - Corrective Action program LTA             | O - Operations                           | M - Maint / Repair  | 050-00455/2003-009 |
| 47 - Root Cause LTA                            | G - Engineering                          | M - Maint / Repair  | 050-00455/2003-009 |
| 47 - Root Cause LTA                            | G - Engineering                          | V - Troubleshooting | 050-00455/2004-002 |
| 47 - Root Cause LTA                            | G - Engineering                          | V - Troubleshooting | 050-00455/2004-007 |
| 48 - Audits or problem identification LTA      | G - Engineering                          | G - Design          | 050-00455/2004-007 |
| <b>Number of Items for this Docket: 13</b>     |  |                     |                    |
| <b>Percent of Total for this Docket: 25</b>    |  |                     |                    |

| Details                                       | Department            | Work Type           | Docket/Report      |
|---|-----------------------|---------------------|--------------------|
| <b>Procedures and Reference Document / IR</b> |                       |                     |                    |
| 12 - Procedure technical content LTA          | G - Engineering       | Q - Fire Protection | 050-00455/2004-005 |
| 12 - Procedure technical content LTA          | P - Procedure Writers | P - Procedure Dev   | 050-00455/2004-007 |
| 12 - Procedure technical content LTA          | P - Procedure Writers | P - Procedure Dev   | 050-00455/2004-007 |
| 12 - Procedure technical content LTA          | P - Procedure Writers | Q - Fire Protection | 050-00455/2004-005 |
| 13 - Procedure has human factors deficiencies | P - Procedure Writers | P - Procedure Dev   | 050-00455/2003-007 |
| <b>Number of Items for this Docket: 5</b>     |                       |                     |                    |
| <b>Percent of Total for this Docket: 10</b>   |                       |                     |                    |

| Details                               | Department      | Work Type        | Docket/Report      |
|---------------------------------------|-----------------|------------------|--------------------|
| <b>Work Factors / IR</b>              |                 |                  |                    |
| 81 - Work Package Quality LTA         | G - Engineering | F - Modification | 050-00455/2004-007 |
| 83 - Work practice or craft skill LTA | O - Operations  | S - Surveillance | 050-00455/2004-002 |
| 83 - Work practice or craft skill LTA | O - Operations  | S - Surveillance | 050-00455/2004-002 |

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|--|----------------------|----------------------|--------------------|
| <b>Work Factors / IR</b>                     |                      |                      |                    |
| 83 - Work practice or craft skill LTA        | O - Operations       | S - Surveillance     | 050-00455/2004-002 |
| 83 - Work practice or craft skill LTA        | Z - Other            | Z - Other            | 050-00455/2004-004 |
| 83 - Work practice or craft skill LTA        | Z - Other            | Z - Other            | 050-00455/2004-004 |
| 83 - Work practice or craft skill LTA        | Z - Other            | Z - Other            | 050-00455/2004-004 |
| 83 - Work practice or craft skill LTA        | Z - Other            | Z - Other            | 050-00455/2004-004 |
| 83 - Work practice or craft skill LTA        | Z - Other            | Z - Other            | 050-00455/2004-004 |
| 83 - Work practice or craft skill LTA        | Z - Other            | Z - Other            | 050-00455/2004-004 |
| 83 - Work practice or craft skill LTA        | Z - Other            | Z - Other            | 050-00455/2004-004 |
| 83 - Work practice or craft skill LTA        | Z - Other            | Z - Other            | 050-00455/2004-004 |
| 84 - Non-conserv. decision / Questioning LTA | B - Plant Management | O - Control Room Ops | 050-00455/2003-009 |
| 84 - Non-conserv. decision / Questioning LTA | G - Engineering      | G - Design           | 050-00455/2003-007 |
| 84 - Non-conserv. decision / Questioning LTA | G - Engineering      | G - Design           | 050-00455/2003-007 |
| 84 - Non-conserv. decision / Questioning LTA | G - Engineering      | O - Control Room Ops | 050-00455/2003-009 |
| 84 - Non-conserv. decision / Questioning LTA | O - Operations       | M - Maint / Repair   | 050-00455/2004-007 |
| 84 - Non-conserv. decision / Questioning LTA | O - Operations       | O - Control Room Ops | 050-00455/2003-009 |
| 84 - Non-conserv. decision / Questioning LTA | O - Operations       | O - Control Room Ops | 050-00455/2003-009 |
| 89 - Housekeeping LTA                        | M - Mechanical       | M - Maint / Repair   | 050-00455/2003-009 |
| 89 - Housekeeping LTA                        | M - Mechanical       | Q - Fire Protection  | 050-00455/2003-009 |
| 91 - Verification / plant tours LTA          | O - Operations       | B - Bal of Plant Ops | 050-00455/2003-009 |
| 91 - Verification / plant tours LTA          | O - Operations       | B - Bal of Plant Ops | 050-00455/2003-009 |
| 91 - Verification / plant tours LTA          | O - Operations       | B - Bal of Plant Ops | 050-00455/2004-004 |
| 91 - Verification / plant tours LTA          | O - Operations       | B - Bal of Plant Ops | 050-00455/2004-004 |
| 91 - Verification / plant tours LTA          | O - Operations       | B - Bal of Plant Ops | 050-00455/2004-004 |
| 91 - Verification / plant tours LTA          | O - Operations       | B - Bal of Plant Ops | 050-00455/2004-004 |
| 91 - Verification / plant tours LTA          | O - Operations       | B - Bal of Plant Ops | 050-00455/2004-004 |
| 94 - Log-keeping or review LTA               | O - Operations       | M - Maint / Repair   | 050-00455/2003-009 |
| <b>Number of Items for this Docket: 28</b>   |                      |                      |                    |
| <b>Percent of Total for this Docket: 55</b>  |                      |                      |                    |

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**Management and Supervision / LER**

|  |                               |                 |                       |
|--|-------------------------------|-----------------|-----------------------|
| 33 - Management expectations or directions LTA | I - Instrumentation & Control | C - Calibration | 050-00455/2005-002-00 |
| <b>Number of Items for this Docket: 1</b>      |                               |                 |                       |
| <b>Percent of Total for this Docket: 2</b>     |                               |                 |                       |

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| <b>Details</b>                                 | <b>Department</b>             | <b>Work Type</b> | <b>Docket/Report</b>  |
|--|-------------------------------|------------------|-----------------------|
| <b>Procedures and Reference Document / LER</b> |                               |                  |                       |
| 12 - Procedure technical content LTA           | I - Instrumentation & Control | C - Calibration  | 050-00455/2005-002-00 |
| <b>Number of Items for this Docket: 1</b>      |                               |                  |                       |
| <b>Percent of Total for this Docket: 2</b>     |                               |                  |                       |

|  |                               |                 |                       |
|--|-------------------------------|-----------------|-----------------------|
| <b>Work Factors / LER</b>                    |                               |                 |                       |
| 84 - Non-conserv. decision / Questioning LTA | I - Instrumentation & Control | C - Calibration | 050-00455/2005-002-00 |
| <b>Number of Items for this Docket: 1</b>    |                               |                 |                       |
| <b>Percent of Total for this Docket: 2</b>   |                               |                 |                       |

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**Total Items for this Docket: 51**

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