

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

Total Number of Hits: 44

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 44

Facility Name: Byron 2 Docket (050- 00455)

| Details | Department | Work Type | Docket/Report |
|--|--------------------|--------------------------|--------------------|
| Human-System Interface & Environmnt / IR | | | |
| 170 - HSI or information availability / quality LTA | M - Mechanical | M - Maintenance / Repair | 050-00455/2009-008 |
| 170 - HSI or information availability / quality LTA | M - Mechanical | M - Maintenance / Repair | 050-00455/2009-003 |
| Number of Items for this Docket: 2 | | | |
| Percent of Total for this Docket: 5 | | | |
| <hr/> | | | |
| Oversight / IR | | | |
| 130 - Inadequate suprevison / command and control | M - Mechanical | M - Maintenance / Repair | 050-00455/2009-004 |
| Number of Items for this Docket: 1 | | | |
| Percent of Total for this Docket: 2 | | | |
| <hr/> | | | |
| Procedures & Reference Document / IR | | | |
| 113 - Procedure / reference document development and maintenance L | H - Health Physics | H - Health Physics | 050-00455/2009-004 |
| 113 - Procedure / reference document development and maintenance L | H - Health Physics | H - Health Physics | 050-00455/2009-003 |
| Number of Items for this Docket: 2 | | | |
| Percent of Total for this Docket: 5 | | | |
| <hr/> | | | |
| Problem Identification & Resolution / IR | | | |
| 140 - Problem not completely or accurately identified | G - Engineering | G - Design | 050-00455/2008-005 |
| 146 - Evaluation LTA | M - Mechanical | M - Maintenance / Repair | 050-00455/2009-008 |
| 146 - Evaluation LTA | M - Mechanical | M - Maintenance / Repair | 050-00455/2009-004 |
| 146 - Evaluation LTA | G - Engineering | G - Design | 050-00455/2008-005 |
| 148 - Action not yet started or untimely | M - Mechanical | M - Maintenance / Repair | 050-00455/2009-008 |
| 148 - Action not yet started or untimely | M - Mechanical | M - Maintenance / Repair | 050-00455/2009-008 |
| Number of Items for this Docket: 6 | | | |
| Percent of Total for this Docket: 14 | | | |
| <hr/> | | | |
| Work Planning & Practices / IR | | | |
| 185 - Procedural adherence LTA | F - Fuel Handling | R - Refueling | 050-00455/2008-005 |
| 185 - Procedural adherence LTA | H - Health Physics | H - Health Physics | 050-00455/2008-005 |
| 185 - Procedural adherence LTA | G - Engineering | G - Design | 050-00455/2008-005 |
| 185 - Procedural adherence LTA | M - Mechanical | M - Maintenance / Repair | 050-00455/2008-005 |
| 186 - Failure to take action / meet requirements | M - Mechanical | M - Maintenance / Repair | 050-00455/2009-003 |
| 186 - Failure to take action / meet requirements | M - Mechanical | M - Maintenance / Repair | 050-00455/2009-004 |
| 186 - Failure to take action / meet requirements | M - Mechanical | M - Maintenance / Repair | 050-00455/2009-003 |
| 186 - Failure to take action / meet requirements | M - Mechanical | M - Maintenance / Repair | 050-00455/2009-004 |
| 186 - Failure to take action / meet requirements | H - Health Physics | H - Health Physics | 050-00455/2008-005 |

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

Total Number of Hits: 44

National Average: 46

2x National Average: 92

National Median: 23

Average for Selected Dockets: 44

Facility Name: Byron 2 Docket (050- 00455)

| Details | Department | Work Type | Docket/Report |
|---|--------------------|--------------------------|-----------------------|
| Work Planning & Practices / IR | | | |
| 186 - Failure to take action / meet requirements | M - Mechanical | M - Maintenance / Repair | 050-00455/2009-008 |
| 186 - Failure to take action / meet requirements | M - Mechanical | F - Modification | 050-00455/2009-003 |
| 186 - Failure to take action / meet requirements | H - Health Physics | H - Health Physics | 050-00455/2009-003 |
| 186 - Failure to take action / meet requirements | G - Engineering | G - Design | 050-00455/2008-005 |
| 186 - Failure to take action / meet requirements | M - Mechanical | M - Maintenance / Repair | 050-00455/2009-004 |
| 187 - Action implementation LTA | G - Engineering | G - Design | 050-00455/2009-009 |
| 187 - Action implementation LTA | G - Engineering | G - Design | 050-00455/2009-009 |
| 187 - Action implementation LTA | G - Engineering | G - Design | 050-00455/2009-004 |
| 187 - Action implementation LTA | G - Engineering | G - Design | 050-00455/2009-004 |
| 187 - Action implementation LTA | G - Engineering | G - Design | 050-00455/2009-004 |
| 187 - Action implementation LTA | G - Engineering | G - Design | 050-00455/2008-005 |
| 187 - Action implementation LTA | G - Engineering | G - Design | 050-00455/2008-005 |
| 188 - Work practice or craft skill LTA | H - Health Physics | H - Health Physics | 050-00455/2008-005 |
| 189 - Recognition of adverse condition / questioning attitude LTA | M - Mechanical | M - Maintenance / Repair | 050-00455/2009-008 |
| 190 - Failure to stop work / non-conservative decision making | M - Mechanical | M - Maintenance / Repair | 050-00455/2009-003 |
| 191 - Team interactions LTA | F - Fuel Handling | R - Refueling | 050-00455/2008-005 |
| 194 - Housekeeping LTA | F - Fuel Handling | R - Refueling | 050-00455/2008-005 |
| 194 - Housekeeping LTA | M - Mechanical | M - Maintenance / Repair | 050-00455/2008-005 |
| 196 - Independent verification / plant tours LTA | H - Health Physics | H - Health Physics | 050-00455/2008-005 |
| 196 - Independent verification / plant tours LTA | G - Engineering | G - Design | 050-00455/2008-005 |
| Number of Items for this Docket: 29 | | | |
| Percent of Total for this Docket: 66 | | | |
| Procedures & Reference Document / LER | | | |
| 111 - Procedure / reference document technical content | O - Operations | O - Control Room Ops | 050-00455/2009-001-01 |
| Number of Items for this Docket: 1 | | | |
| Percent of Total for this Docket: 2 | | | |
| Work Planning & Practices / LER | | | |
| 186 - Failure to take action / meet requirements | O - Operations | O - Control Room Ops | 050-00455/2009-001-00 |
| 186 - Failure to take action / meet requirements | O - Operations | O - Control Room Ops | 050-00455/2009-001-01 |

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

Total Number of Hits: 44
National Average: 46
2x National Average: 92
National Median: 23
Average for Selected Dockets: 44

Facility Name: Byron 2 Docket (050- 00455)

| Details | Department | Work Type | Docket/Report |
|---|-------------------|----------------------|-----------------------|
| Work Planning & Practices / LER | | | |
| 189 - Recognition of adverse condition / questioning attitude LTA | O - Operations | O - Control Room Ops | 050-00455/2009-001-01 |
| Number of Items for this Docket: 3 | | | |
| Percent of Total for this Docket: 7 | | | |

Total Items for this Docket: 44
