

# 2000 Human Factors Information System Report for Plant Docket 219

Combined IR/ER/LER Report  
Docket: 50-219 OYSTER CREEK

Total Number of Hits in Date Range: 154  
From 01/01/2000 to 12/31/2000  
2x National Average: 144

| Details                                 | Department                                 | Work Type        | Docket/Report    |
|---|--|------------------|------------------|
| Communications IR                       |  |                  |                  |
| Number of items: 4                      |  |                  |                  |
| Percent of total: 2.6                   |  |                  |                  |
| 53-Communication LT                     | H-Health Physics<br>H-Health Physics       | H-Health Physics | 50-219/1999012   |
| 53-Communication LT                     | U-Unknown<br>U-Unknown                     | M-Maint / Repair | 50-219/1999012   |
| 53-Communication LT                     | O-Operations<br>I-Instrumentation &        | S-Surveillance   | 50-219/2000001   |
| 53-Communication LT                     | F-Fuel Handling<br>H-Health Physics        | R-Refueling      | 50-219/2000007   |
| Communications ER                       |  |                  |                  |
| Number of items: 0                      |  |                  |                  |
| Percent of total: 0                     |  |                  |                  |
| Communications LER                      |  |                  |                  |
| Number of items: 3                      |  |                  |                  |
| Percent of total: 1.95                  |  |                  |                  |
| 53-Communication LT                     | I-Instrumentation &<br>I-Instrumentation & | T-Testing        | 50-219/200000100 |
| 53-Communication LT                     | O-Operations<br>O-Operations               | T-Testing        | 50-219/200000100 |
| 54-No communication                     | O-Operations<br>O-Operations               | S-Surveillance   | 50-219/200000900 |
| Human-System Interface and Environm IR  |  |                  |                  |
| Number of items: 1                      |  |                  |                  |
| Percent of total: .65                   |  |                  |                  |
| 76-Postings LTA                         | H-Health Physics                           | H-Health Physics | 50-219/2000007   |
| Human-System Interface and Environm ER  |  |                  |                  |
| Number of items: 0                      |  |                  |                  |
| Percent of total: 0                     |  |                  |                  |
| Human-System Interface and Environm LER |  |                  |                  |
| Number of items: 0                      |  |                  |                  |
| Percent of total: 0                     |  |                  |                  |
| Management and Supervision IR           |  |                  |                  |
| Number of items: 25                     |  |                  |                  |
| Percent of total: 16.23                 |  |                  |                  |
| 40-Individual Corre                     | O-Operations                               | Z-Other          | 50-219/1999012   |
| 40-Individual Corre                     | O-Operations                               | Z-Other          | 50-219/1999012   |
| 40-Individual Corre                     | O-Operations                               | Z-Other          | 50-219/1999012   |
| 41-Action not begun                     | O-Operations                               | Z-Other          | 50-219/1999012   |
| 47-Root Cause LTA                       | G-Engineering                              | Z-Other          | 50-219/1999012   |
| 47-Root Cause LTA                       | G-Engineering                              | Z-Other          | 50-219/1999012   |
| 41-Action not begun                     | G-Engineering                              | Z-Other          | 50-219/1999012   |
| 32-Supervision / co                     | O-Operations                               | S-Surveillance   | 50-219/2000001   |
| 40-Individual Corre                     | W-Work Control / Sc                        | Z-Other          | 50-219/2000001   |

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|---------------------------------------|---------------------|--------------------|------------------|
| Management and Supervision IR         |                     |                    |                  |
| Number of items: 25                   |                     |                    |                  |
| Percent of Total: 16.23               |                     |                    |                  |
| 36-Scheduling and p                   | W-Work Control / Sc | F-Modification     | 50-219/2000001   |
| 36-Scheduling and p                   | W-Work Control / Sc | F-Modification     | 50-219/2000001   |
| 40-Individual Corre                   | O-Operations        | Z-Other            | 50-219/2000002   |
| 40-Individual Corre                   | O-Operations        | Z-Other            | 50-219/2000002   |
| 34-Perceived pressu                   | O-Operations        | V-Troubleshooting  | 50-219/2000002   |
| 41-Action not begun                   | G-Engineering       | Q-Fire Protection  | 50-219/2000003   |
| 32-Supervision / co                   | O-Operations        | Q-Fire Protection  | 50-219/2000004   |
| 36-Scheduling and p                   | O-Operations        | Q-Fire Protection  | 50-219/2000004   |
| 32-Supervision / co                   | E-Electrical        | M-Maint / Repair   | 50-219/2000005   |
| 41-Action not begun                   | G-Engineering       | Z-Other            | 50-219/2000007   |
| 32-Supervision / co                   | F-Fuel Handling     | R-Refueling        | 50-219/2000007   |
| 32-Supervision / co                   | M-Mechanical        | M-Maint / Repair   | 50-219/2000008   |
| 32-Supervision / co                   | O-Operations        | O-Control Room Ops | 50-219/2000008   |
| Management and Supervision ER         |                     |                    |                  |
| Number of items: 0                    |                     |                    |                  |
| Percent of total: 0                   |                     |                    |                  |
| Management and Supervision LER        |                     |                    |                  |
| Number of items: 4                    |                     |                    |                  |
| Percent of total: 2.6                 |                     |                    |                  |
| 32-Supervision / co                   | I-Instrumentation & | T-Testing          | 50-219/200000100 |
| 36-Scheduling and p                   | M-Mechanical        | T-Testing          | 50-219/200001001 |
| 32-Supervision / co                   | O-Operations        | O-Control Room Ops | 50-219/200001100 |
| 41-Action not begun                   | O-Operations        | O-Control Room Ops | 50-219/200001100 |
| Organizational Issues IR              |                     |                    |                  |
| Number of items: 0                    |                     |                    |                  |
| Percent of total: 0                   |                     |                    |                  |
| Organizational Issues ER              |                     |                    |                  |
| Number of items: 0                    |                     |                    |                  |
| Percent of total: 0                   |                     |                    |                  |
| Organizational Issues LER             |                     |                    |                  |
| Number of items: 0                    |                     |                    |                  |
| Percent of total: 0                   |                     |                    |                  |
| Procedures and Reference Document IR  |                     |                    |                  |
| Number of items: 7                    |                     |                    |                  |
| Percent of total: 4.55                |                     |                    |                  |
| 11-No procedure / r                   | P-Procedure Writers | P-Procedure Dev    | 50-219/2000001   |
| 13-Procedure has hu                   | P-Procedure Writers | P-Procedure Dev    | 50-219/2000002   |
| 11-No procedure / r                   | G-Engineering       | G-Design           | 50-219/2000004   |
| 12-Procedure techni                   | G-Engineering       | G-Design           | 50-219/2000004   |
| 11-No procedure / r                   | G-Engineering       | G-Design           | 50-219/2000004   |
| 12-Procedure techni                   | P-Procedure Writers | P-Procedure Dev    | 50-219/2000005   |
| 13-Procedure has hu                   | P-Procedure Writers | P-Procedure Dev    | 50-219/2000008   |
| Procedures and Reference Document ER  |                     |                    |                  |
| Number of items: 0                    |                     |                    |                  |
| Percent of total: 0                   |                     |                    |                  |
| Procedures and Reference Document LER |                     |                    |                  |
| Number of items: 7                    |                     |                    |                  |
| Percent of total: 4.55                |                     |                    |                  |
| 12-Procedure techni                   | P-Procedure Writers | P-Procedure Dev    | 50-219/200000300 |

2x National Average: 144

| Details                               | Department          | Work Type          | Docket/Report    |
|---------------------------------------|---------------------|--------------------|------------------|
| Procedures and Reference Document LER |                     |                    |                  |
| Number of items: 7                    |                     |                    |                  |
| Percent of Total: 4.55                |                     |                    |                  |
| 12-Procedure techni                   | P-Procedure Writers | P-Procedure Dev    | 50-219/200000300 |
| 13-Procedure has hu                   | P-Procedure Writers | P-Procedure Dev    | 50-219/200000300 |
| 14-Document develop                   | A-Administrative Su | P-Procedure Dev    | 50-219/200000500 |
| 13-Procedure has hu                   | O-Operations        | S-Surveillance     | 50-219/200000900 |
| 12-Procedure techni                   | W-Work Control / Sc | A-Administrative   | 50-219/200001001 |
| 13-Procedure has hu                   | O-Operations        | O-Control Room Ops | 50-219/200001100 |

| Training IR            |              |                    |                |
|------------------------|--------------|--------------------|----------------|
| Number of items: 3     |              |                    |                |
| Percent of total: 1.95 |              |                    |                |
| 04-Task Qualificati    | T-Training   | Z-Other            | 50-219/2000002 |
| 05-Individual knowl    | O-Operations | O-Control Room Ops | 50-219/2000008 |
| 05-Individual knowl    | O-Operations | O-Control Room Ops | 50-219/2000008 |

| Training ER         |  |  |  |
|---------------------|--|--|--|
| Number of items: 0  |  |  |  |
| Percent of total: 0 |  |  |  |

| Training LER           |              |                    |                  |
|------------------------|--------------|--------------------|------------------|
| Number of items: 3     |              |                    |                  |
| Percent of total: 1.95 |              |                    |                  |
| 02-Training LTA        | T-Training   | F-Modification     | 50-219/200000300 |
| 01-No Training         | O-Operations | O-Control Room Ops | 50-219/200001100 |
| 02-Training LTA        | O-Operations | O-Control Room Ops | 50-219/200001100 |

| Work Factors IR         |                     |                  |                |
|-------------------------|---------------------|------------------|----------------|
| Number of items: 82     |                     |                  |                |
| Percent of total: 53.25 |                     |                  |                |
| 85-Team interaction     | O-Operations        | Z-Other          | 50-219/1999012 |
| 93-Awareness or att     | O-Operations        | A-Administrative | 50-219/1999012 |
| 93-Awareness or att     | O-Operations        | A-Administrative | 50-219/1999012 |
| 93-Awareness or att     | O-Operations        | A-Administrative | 50-219/1999012 |
| 93-Awareness or att     | O-Operations        | A-Administrative | 50-219/1999012 |
| 93-Awareness or att     | G-Engineering       | A-Administrative | 50-219/1999012 |
| 81-Work Package Qua     | W-Work Control / Sc | M-Maint / Repair | 50-219/1999012 |
| 93-Awareness or att     | G-Engineering       | Z-Other          | 50-219/1999012 |
| 82-Briefing, prep.      | O-Operations        | S-Surveillance   | 50-219/2000001 |
| 93-Awareness or att     | O-Operations        | S-Surveillance   | 50-219/2000001 |
| 93-Awareness or att     | I-Instrumentation & | S-Surveillance   | 50-219/2000001 |
| 92-Self check LTA       | O-Operations        | S-Surveillance   | 50-219/2000001 |
| 92-Self check LTA       | I-Instrumentation & | S-Surveillance   | 50-219/2000001 |
| 82-Briefing, prep.      | O-Operations        | S-Surveillance   | 50-219/2000001 |
| 83-Work practice or     | O-Operations        | H-Health Physics | 50-219/2000001 |
| 93-Awareness or att     | O-Operations        | H-Health Physics | 50-219/2000001 |
| 83-Work practice or     | U-Unknown           | H-Health Physics | 50-219/2000001 |
| 83-Work practice or     | E-Electrical        | M-Maint / Repair | 50-219/2000001 |
| 93-Awareness or att     | E-Electrical        | M-Maint / Repair | 50-219/2000001 |
| 92-Self check LTA       | E-Electrical        | M-Maint / Repair | 50-219/2000001 |
| 93-Awareness or att     | E-Electrical        | M-Maint / Repair | 50-219/2000001 |
| 92-Self check LTA       | E-Electrical        | M-Maint / Repair | 50-219/2000001 |

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|-------------------------|------------------|------------------|----------------|
| Work Factors IR         |                  |                  |                |
| Number of items: 82     |                  |                  |                |
| Percent of Total: 53.25 |                  |                  |                |
| 91-Verification / p     | E-Electrical     | M-Maint / Repair | 50-219/2000001 |
| 83-Work practice or     | H-Health Physics | H-Health Physics | 50-219/2000001 |

## Human Factors Information System Report

|                     |                     |                    |                |
|---------------------|---------------------|--------------------|----------------|
| 93-Awareness or att | H-Health Physics    | H-Health Physics   | 50-219/2000001 |
| 92-Self check LTA   | H-Health Physics    | H-Health Physics   | 50-219/2000001 |
| 85-Team interaction | W-Work Control / Sc | F-Modification     | 50-219/2000001 |
| 83-Work practice or | I-Instrumentation & | M-Maint / Repair   | 50-219/2000001 |
| 84-Non-conserv. dec | G-Engineering       | V-Troubleshooting  | 50-219/2000001 |
| 93-Awareness or att | O-Operations        | O-Control Room Ops | 50-219/2000002 |
| 85-Team interaction | O-Operations        | T-Testing          | 50-219/2000002 |
| 93-Awareness or att | O-Operations        | O-Control Room Ops | 50-219/2000002 |
| 84-Non-conserv. dec | O-Operations        | V-Troubleshooting  | 50-219/2000002 |
| 92-Self check LTA   | I-Instrumentation & | C-Calibration      | 50-219/2000002 |
| 85-Team interaction | O-Operations        | C-Calibration      | 50-219/2000002 |
| 85-Team interaction | I-Instrumentation & | C-Calibration      | 50-219/2000002 |
| 85-Team interaction | G-Engineering       | C-Calibration      | 50-219/2000002 |
| 83-Work practice or | I-Instrumentation & | C-Calibration      | 50-219/2000002 |
| 81-Work Package Qua | G-Engineering       | F-Modification     | 50-219/2000004 |
| 91-Verification / p | O-Operations        | Q-Fire Protection  | 50-219/2000004 |
| 91-Verification / p | O-Operations        | Q-Fire Protection  | 50-219/2000004 |
| 91-Verification / p | O-Operations        | Q-Fire Protection  | 50-219/2000004 |
| 81-Work Package Qua | G-Engineering       | F-Modification     | 50-219/2000004 |
| 93-Awareness or att | O-Operations        | Q-Fire Protection  | 50-219/2000004 |
| 93-Awareness or att | O-Operations        | Q-Fire Protection  | 50-219/2000004 |
| 84-Non-conserv. dec | O-Operations        | Q-Fire Protection  | 50-219/2000004 |
| 85-Team interaction | O-Operations        | Q-Fire Protection  | 50-219/2000004 |
| 84-Non-conserv. dec | O-Operations        | Q-Fire Protection  | 50-219/2000004 |
| 93-Awareness or att | G-Engineering       | A-Administrative   | 50-219/2000005 |
| 83-Work practice or | E-Electrical        | M-Maint / Repair   | 50-219/2000005 |
| 85-Team interaction | E-Electrical        | V-Troubleshooting  | 50-219/2000005 |
| 85-Team interaction | O-Operations        | V-Troubleshooting  | 50-219/2000005 |
| 84-Non-conserv. dec | G-Engineering       | P-Procedure Dev    | 50-219/2000007 |
| 83-Work practice or | F-Fuel Handling     | R-Refueling        | 50-219/2000007 |
| 83-Work practice or | O-Operations        | Q-Fire Protection  | 50-219/2000008 |
| 84-Non-conserv. dec | O-Operations        | Q-Fire Protection  | 50-219/2000008 |
| 83-Work practice or | M-Mechanical        | M-Maint / Repair   | 50-219/2000008 |
| 83-Work practice or | M-Mechanical        | M-Maint / Repair   | 50-219/2000008 |
| 83-Work practice or | M-Mechanical        | M-Maint / Repair   | 50-219/2000008 |
| 93-Awareness or att | O-Operations        | O-Control Room Ops | 50-219/2000008 |
| 93-Awareness or att | O-Operations        | O-Control Room Ops | 50-219/2000008 |
| 93-Awareness or att | O-Operations        | O-Control Room Ops | 50-219/2000008 |
| 89-Housekeeping LTA | E-Electrical        | M-Maint / Repair   | 50-219/2000008 |
| 89-Housekeeping LTA | E-Electrical        | K-Housekeeping     | 50-219/2000008 |
| 93-Awareness or att | Z-Other             | A-Administrative   | 50-219/2000008 |
| 93-Awareness or att | Z-Other             | A-Administrative   | 50-219/2000008 |
| 93-Awareness or att | O-Operations        | O-Control Room Ops | 50-219/2000008 |

## Work Factors ER

Number of items: 0

Percent of total: 0

## Work Factors LER

Number of items: 15

Percent of total: 9.74

93-Awareness or att O-Operations T-Testing 50-219/200000100

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|---------|------------|-----------|---------------|
|---------|------------|-----------|---------------|

## Work Factors LER

Number of items: 15

Percent of Total: 9.74

82-Briefing, prep. O-Operations T-Testing 50-219/200000100

82-Briefing, prep. O-Operations T-Testing 50-219/200000100

92-Self check LTA O-Operations T-Testing 50-219/200000100

85-Team interaction I-Instrumentation &amp; T-Testing 50-219/200000100

83-Work practice or O-Operations O-Control Room Ops 50-219/200000300

82-Briefing, prep. O-Operations O-Control Room Ops 50-219/200000300

84-Non-conserv. dec O-Operations O-Control Room Ops 50-219/200000300

|                     |                     |                    |                  |
|---------------------|---------------------|--------------------|------------------|
| 84-Non-conserv. dec | O-Operations        | O-Control Room Ops | 50-219/200000300 |
| 92-Self check LTA   | A-Administrative Su | A-Administrative   | 50-219/200000500 |
| 92-Self check LTA   | O-Operations        | S-Surveillance     | 50-219/200000900 |
| 84-Non-conserv. dec | O-Operations        | S-Surveillance     | 50-219/200000900 |
| 91-Verification / p | O-Operations        | S-Surveillance     | 50-219/200000900 |
| 84-Non-conserv. dec | W-Work Control / Sc | A-Administrative   | 50-219/200001001 |
| 93-Awareness or att | O-Operations        | O-Control Room Ops | 50-219/200001100 |

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**[End of File for Plant Docket 219 (2000)]**

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