



# **USEC PERSPECTIVE ON PERFORMANCE**

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January 12, 2009

# LICENSEE PERFORMANCE REVIEW (LPR) HISTORY

| NRC Review Periods<br>Functions Needing Improvement    |   |                          |
|--|---|--------------------------|
| 01/01/03 to 09/25/04                                   | 9/26/04 to 10/04/06   | 10/05/06 to 10/4/08      |
| Operations procedure adherence and quality             | Correcting human performance related to procedure adherence | No areas for improvement |
| Nuclear Criticality Safety analysis and administration |   |                          |
| Operator attentiveness                                 |   |                          |

# HUMAN PERFORMANCE IMPROVEMENTS

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## Improvements achieved through Business Plan Initiatives such as:

- Continued application of proven error prevention techniques
- Participation in INPO programs
- Improved training on human performance initiatives
- Implemented evaluation of precursor events
- Created and implemented additional performance indicators
- Continued high focus by senior management

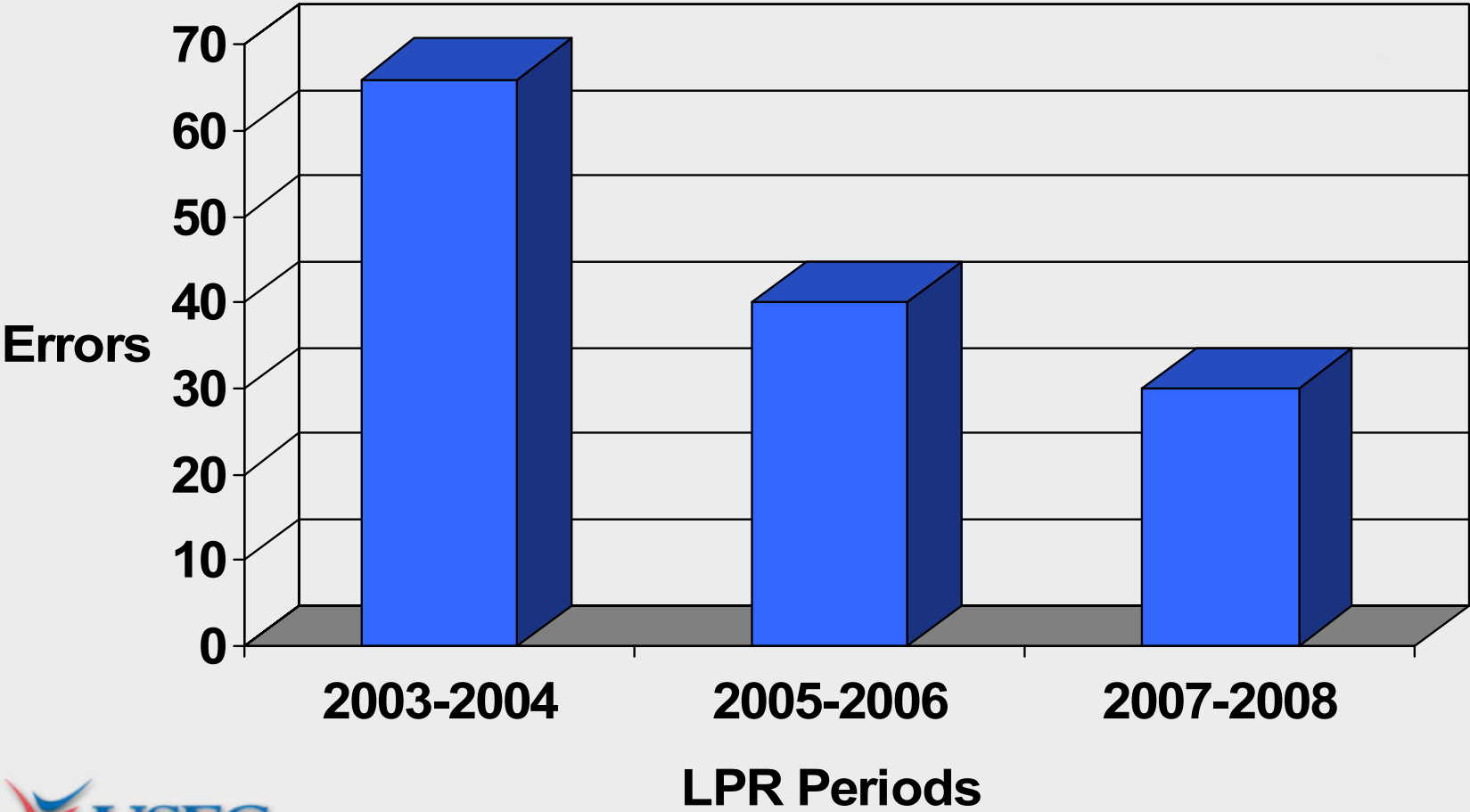
# RESULTS OF PERFORMANCE IMPROVEMENT INITIATIVES

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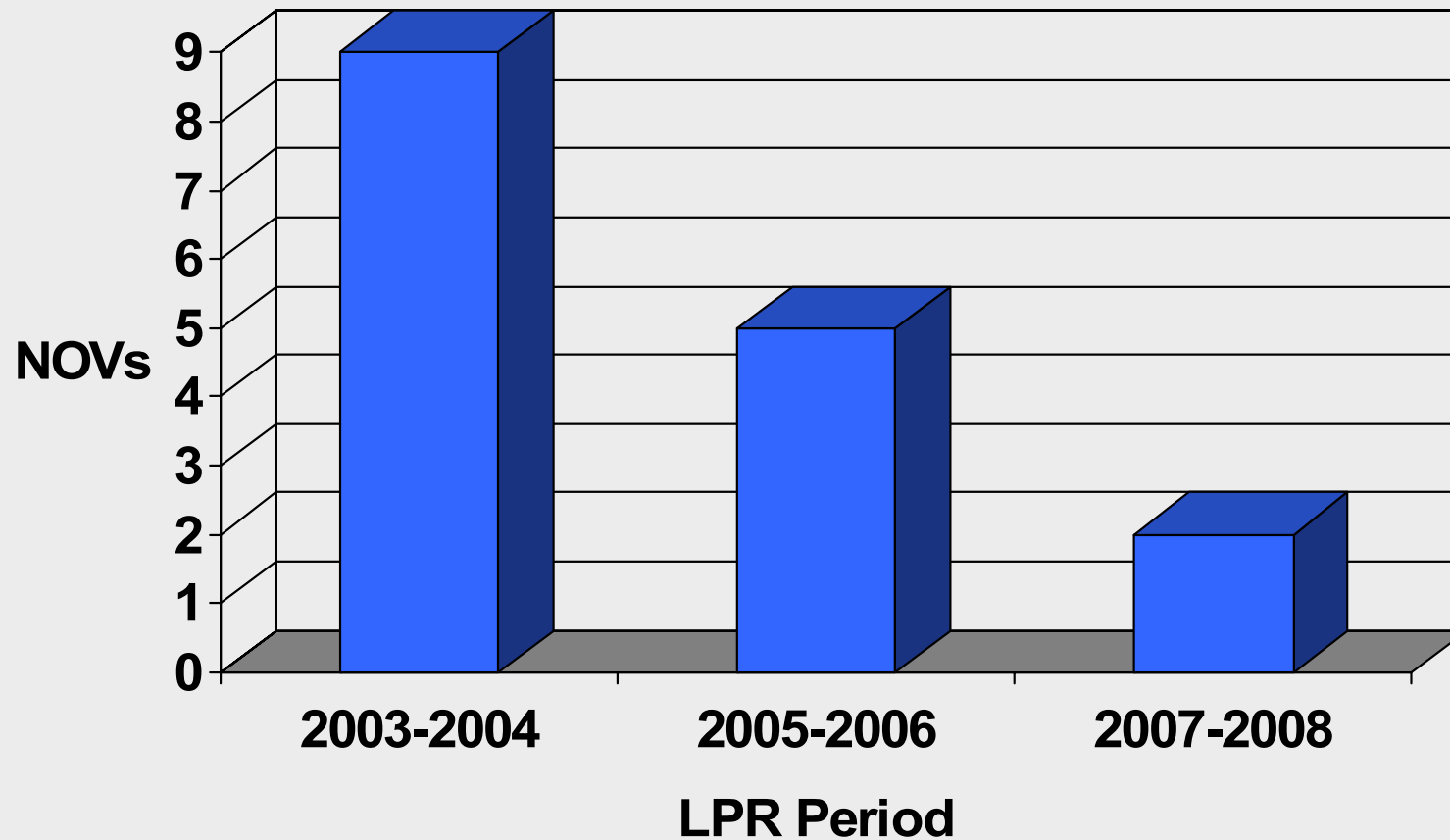
- Overall trend in events caused by human performance is decreasing over the past three LPR periods
- Industrial Safety injury rate sustained well below industry average
- Plant production rates are highest in 14 years
- Best regulatory performance this LPR period since going under NRC oversight

# HUMAN PERFORMANCE TRENDS

## Human Errors



## REGULATORY PERFORMANCE NRC Notices of Violation



# FUTURE PLANS

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## 2009 HUMAN PERFORMANCE IMPROVEMENT PLANS

- Joint hourly-salaried team implemented
- Review/revise procedures with increased focus on critical steps
- Further develop precursor trending
- Human Performance Council review of significant issues
- Periodic assessments of the use of error prevention tools
- Continued aggressive focus by site management

## EXPECTED RESULTS FROM CONTINUOUS IMPROVEMENT

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- Error reduction techniques become more habitual for plant workers
- Error rates for significant errors will continue to improve
- Industrial Safety performance will continue with low injury rates
- Regulatory performance achievements will be maintained
- Production capability will be sustained



## SUMMARY

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- Overall plant performance continued to improve
- Human Performance continues to receive management's daily attention
- Management must remain sensitive to the potential for complacency