



## Considerations for a Future Risk Informed Regulatory Framework

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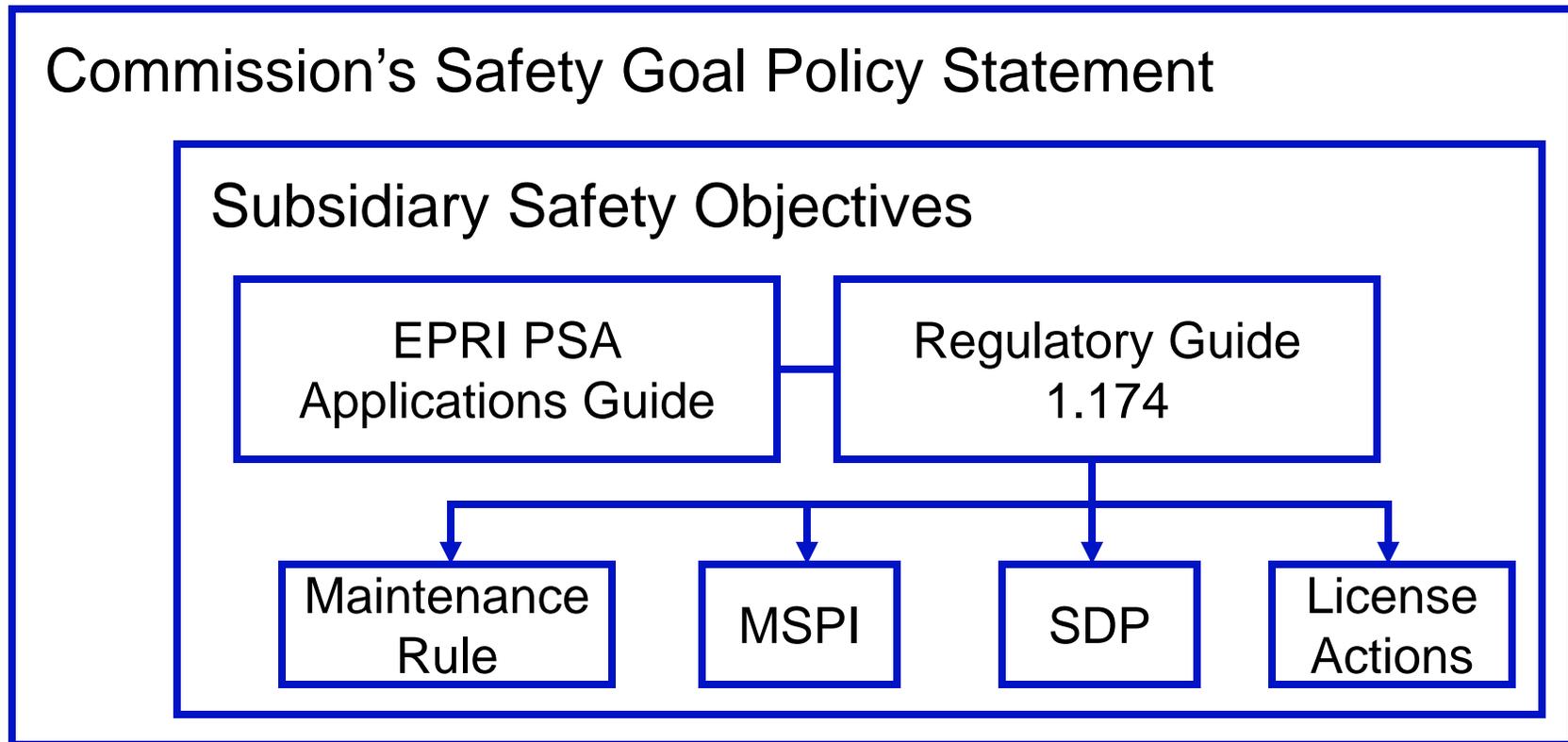
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# Basis for Existing Metrics

## Acceptable Level of Risk



Consistent application promotes safety & performance

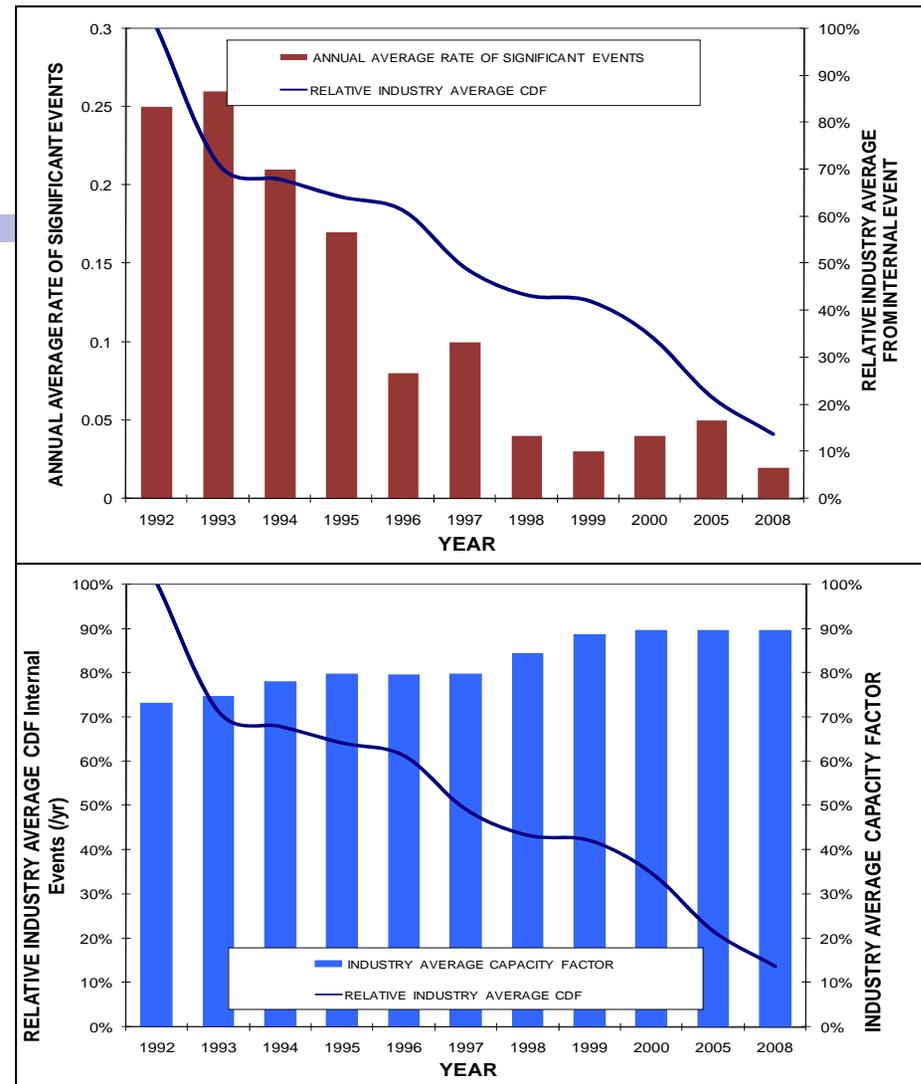
# Actual Risk Profile of New Plants

- Design PRAs are necessarily incomplete
  - No operating experience
  - Field routing
  - Seismic risk and other hazards require as-built information
- Most new plant applications did not risk-inform technical specifications or other operational programs

Experience with As-Built, As-Operated Plants  
Needed to Address Risk Metrics

# Win – Win – Win

- Existing plant risk metrics are very successful
- Metrics developed following understanding of “risk picture”
- Metrics have:
  - Encouraged increased margin – permanent
  - Granted increased flexibility – rarely used
- Operators, regulator and public – all winners



If Risk Margins Have Value, They Will Be Maintained or Increased

# Future Risk Metrics

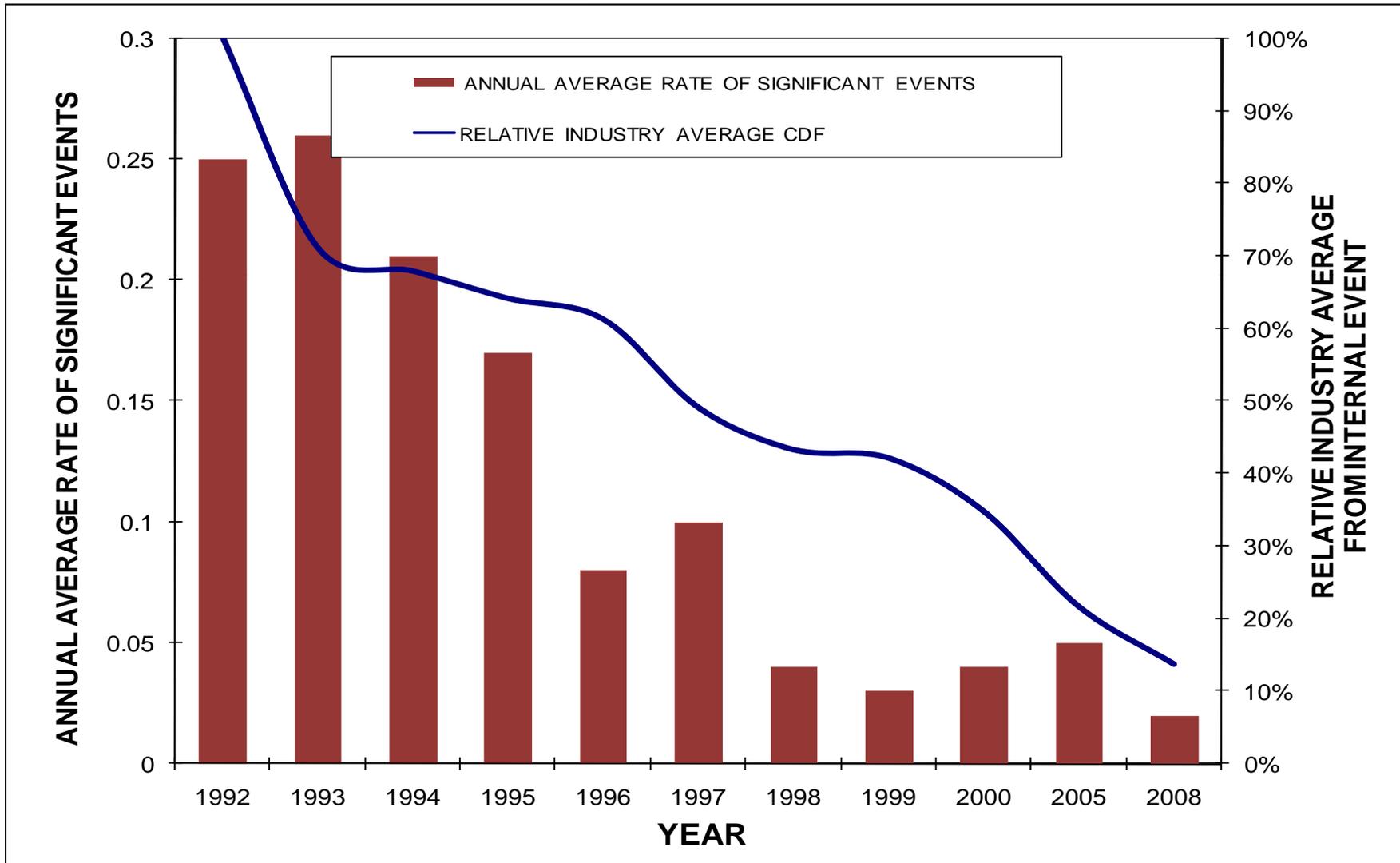
- Any future risk metric
  - Should preserve the “win – win – win” established by previous metrics
  - Should encourage the ability to react in the margin and correct declining trends
  - Should provide continued focus on significant issues
- The current risk metrics have these attributes

In the Absence of Contravening Data,  
Current Risk Metrics are Adequate



# Backup Material

# Annual Average Significant Events and Internal Events CDF



# Annual Average Internal Events and Capacity Factor

