

# RISK SIGNIFICANCE

## Actual Event Risk:

- Initial estimated CCDP for a SGTR  $\sim 1\text{E-}4$   
GEM/SPAR &  $\sim 7.7\text{E-}5$  based IPE
- Revised CCDP based on actual leak rate was  $\sim 2.2\text{E-}6$

## Key Assumptions:

- Actual SGT failure leak rate  $\sim 100\text{gpm}$  - HRA revised accordingly
- Charging pumps available for HP makeup

## SDP Conditional Risk Assessment:

- Delta-CDF is used to determine risk significance of inspection findings
- Deficiencies with the 1997 SGT inspection program have a high delta-CDF and are risk significant

## Key Assumptions:

- SGT failure IE frequency  $\sim 1/\text{RY}$
- $\frac{1}{2}$  tube failures result in ruptures

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