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Status of Initiating Event SDP White Paper

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PRESSURIZED WATER REACTOR OWNERS GROUP

Status



Draft Developed

- Core Team comment resolution in progress
- Significant differing opinions being addressed, primarily related to validity of Bayesian Updating

Next Steps

- Complete Core Team Review – January 2014
- RMSC Review – February 2014
- IRIR & NEI Review – March 2014

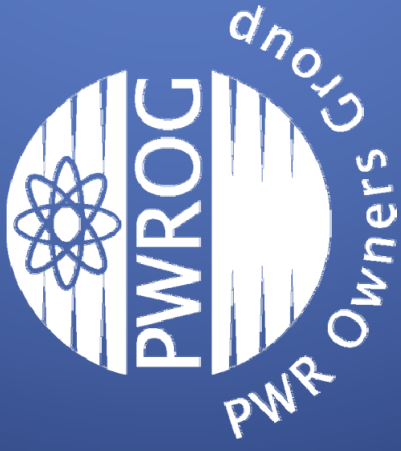
General Approach

Define Cause Effect Relationship Between Performance Deficiency and Initiating Event

- If cause/effect relationship can be established, calculated change in IEF
- If not, consider a Bayesian update
- Calculate CCDP/CCLRP of initiating event, considering any linked impacts on mitigation equipment
- Calculate delta CDF/LERF

Open Issues

- How to determine and model cause/effect relationship
- How to determine appropriate Fault Exposure Time



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