



U.S.NRC
UNITED STATES NUCLEAR REGULATORY COMMISSION
Protecting People and the Environment

RIC 2007
PRA Models,
Methods, and Tools

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Digital I&C

- Need an inventory and classification, e.g., by function and other characteristics, of the various types of digital and software systems that are used and are likely to be used in the near future in nuclear power plants.
- “Software-centric” vs. “system-centric” view.
- Can failure rates be used in models for digital I&C?

HRA

- The staff should evaluate the agency's human reliability models and the models included in the EPRI HRA Calculator and create a plan for the development of an integrated suite of models with consistent assumptions to be used in specific circumstances.
- Are the available and required times for operator action just another Performance Shaping Factor?