

Risk-Informed Decision Making

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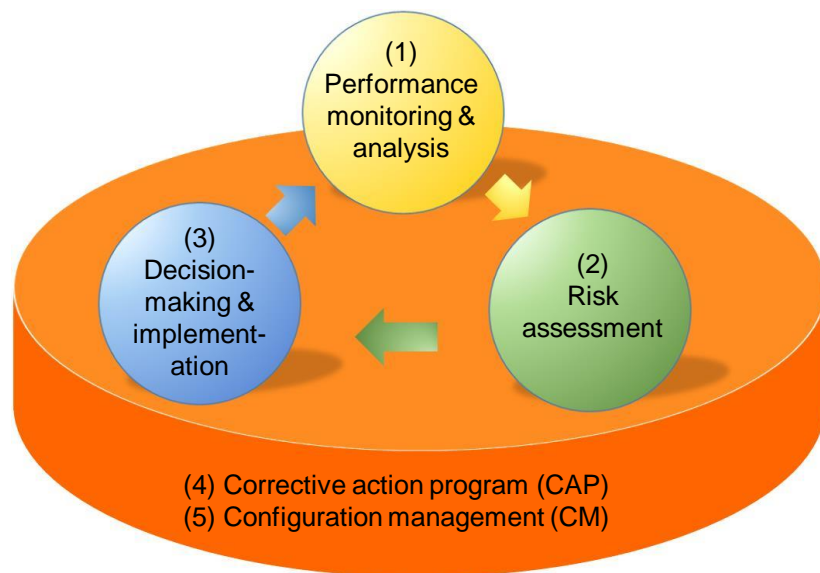
<http://criepi.denken.or.jp/en/nrrc/index.html>

Presented at the

ATENA Forum 2021

February 2021

Continuous efforts to maintain/improve safety



Utility Strategic Plan, 2018

NRRC Support

- **State-of-practice PRAs (international expert reviews, NRRC Technical Advisory Committee)**
- **HRA and Fire PRA Guides**
- **PRA methodologies for external events, e.g, tsunamis, earthquakes, volcanoes, et al**

Regulations

- **Risk Informed**: An approach to regulatory decision making, in which insights from PRA are considered with other engineering insights.
- **Performance-Based**: A regulatory approach that focuses on desired, measurable outcomes, rather than prescriptive processes, techniques, or procedures.
- **First Step: Reactor Oversight Process (April 2020).**
- **ATENA interacts with the NRA with NRRC support, as appropriate, e.g., extension of Allowed Outage Times (AOTs)**