Nuclear Risk Research Center

CRIEP

## On the significance of nuclear regulatory research

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Presented at the Regulatory Information Conference Session W16: Role of Research in Transforming the Nuclear Regulatory Environment March 13, 2019

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## **NuScale Claims**

- "The most significant change in NuScale's new accident source term methodology is that overly conservative source terms based on "incredible" core damage events will be excluded from use as the MHA source term used in the design basis of the NPM."
- The NuScale approach employs a 10<sup>-6</sup> per year threshold for identifying incredible core damage events.
- Core damage sequences with frequencies below 10<sup>-6</sup> per year in the NuScale design are judged to have sufficient safety margins to account for uncertainties.

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