

Graded Approach for Spent Fuel Dry Storage

Regulatory Information Conference

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Office of Nuclear Material Safety and Safeguards



Agenda

- Background
- Purpose of the Graded Approach Project
- Where Are We Now
- Path Forward
- Questions

Background

2016

- Started discussions on the graded approach pilot project.

2017

- TN Americas LLC submitted the application for the graded approach pilot project.

2018

- Staff reviewed pilot amendment.

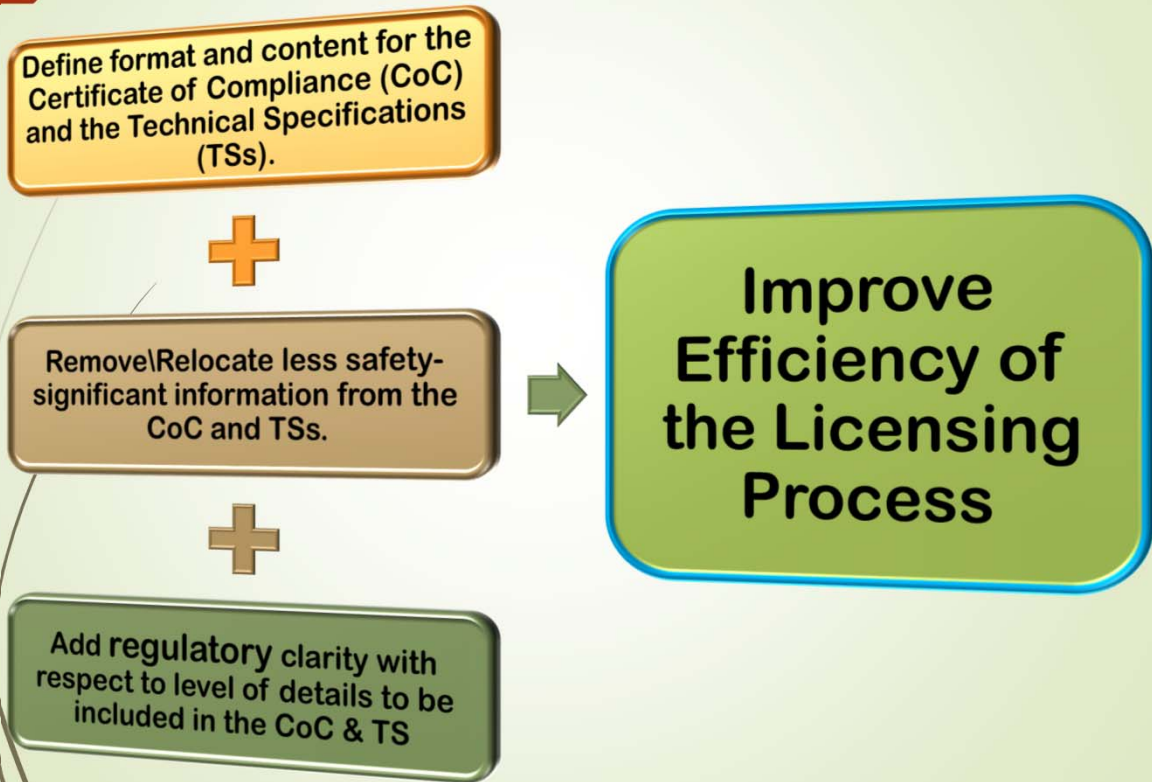
2019

- Staff completed the SER for pilot amendment.
- Received NEI white paper on spent fuel performance.

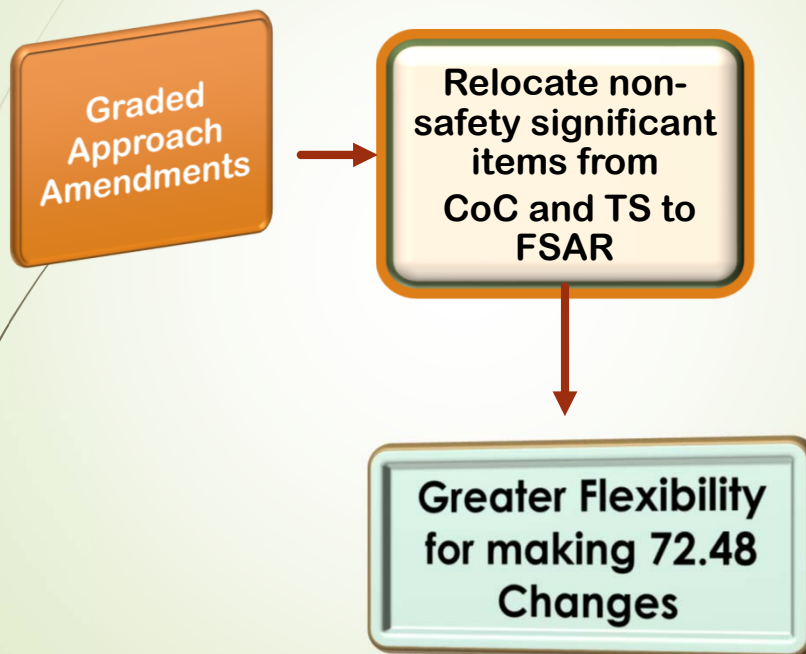
2020

- NRC endorsed the graded-approach criteria.
- Begin dialogue on five areas of performance margin.

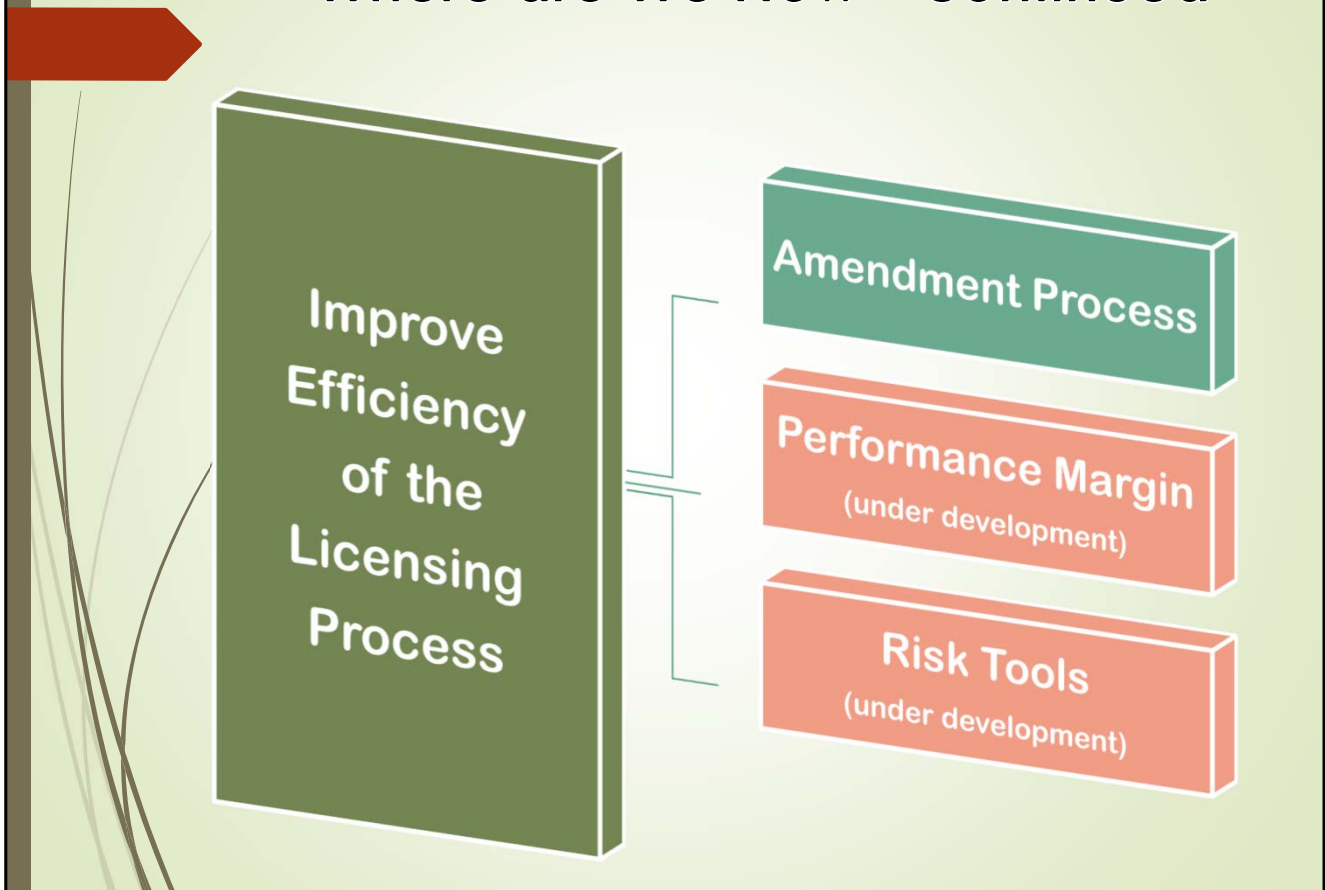
Purpose of the Graded Approach Project



Where are We Now?



Where are We Now – continued





Path Forward

- Risk Tool for determining safety significance
- Spent Fuel Performance Margins
- EPRI Phenomenon Identification and Ranking Tables (PIRT)

