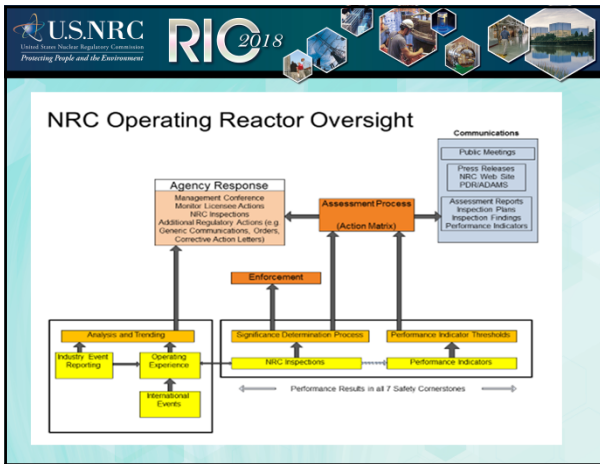






NRC Operating Experience Program

W25: The A to Z of Operating Experience Data Collection and Usage to Improve PRA Realism
 Operating Experience Clearinghouse Activities
 Caty Nolan – Operating Experience Branch
 March 14, 2018







NRC OpE Program Objectives

- Collect, evaluate, communicate, and apply OpE* to support the NRC's goal of ensuring safety and security
- Improve the effectiveness, efficiency, and realism of NRC decisions
- Provide stakeholders with timely, accurate, and balanced information

*The NRC uses the term OpE instead of OE for operating experience because OE was already being used to refer to the Office of Enforcement.

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Reactor OpE Program Input-Output

The diagram shows a white silhouette of a human head in profile, facing right. Inside the head are four interlocking gears in yellow, blue, green, and red. A blue arrow labeled 'input' points from the top left towards the head. A blue arrow labeled 'output' points from the bottom right away from the head. The word 'process' is written in bold black text in the center of the head.

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What Goes In? *The OpE Clearinghouse*

- Event Reports (10 CFR 50.72 and 10 CFR 50.73)
- Information from Resident Inspectors and the Regions about developing issues
- Developing events with the potential to impact plants
- International Events
- Reactive Inspection Updates

A photograph showing a close-up of a yellowish, granular or powdery substance contained within a metal tray or container.

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What Goes Out? *OpE Products*

- Notifications to Technical Review Group Members
- OpE Communications
- Issues for Resolution
- Inputs to Inspection Program
- Management Briefings
- Generic Communications

A photograph of a single, golden-brown loaf of braided bread, possibly a challah, resting on a white surface.


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Technical Review Groups (TRGs)

- Subject Matter Experts provide support for evaluation and application of OpE
- Annual report
- Include staff from NRR, NRO, NSIR, RES, and Regions




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Publicly Available OpE

- NRC Agency-wide Documents Access and Management System (ADAMS)
<http://www.nrc.gov/reading-rm/adams.html>
- Reports Associated with Events (i.e., Power Reactor Status, Event Notification Reports, Part 21 Reports, Preliminary Notifications)
<http://www.nrc.gov/reading-rm/doc-collections/event-status>
- Generic Communications (Bulletins, Generic Letters, Regulatory Issue Summaries, Information Notices)
<http://www.nrc.gov/reading-rm/doc-collections/gen-comm/index.html>


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Summary

- Review events with the potential to impact safety
- Ensure information is communicated to appropriate stakeholders
- Provide further evaluation for issues with potential generic, safety significance
- Apply knowledge gained from ongoing evaluation of low-level issues to reduce the likelihood of future events that could impact public health and safety
