

U.S. Nuclear Regulatory Commission
38th Annual Regulatory Information Conference

RIC2026

Regulation, Innovation and
Collaboration for a Safer Tomorrow

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and Conference Center
Rockville, MD

#NRCRIC2026

NRC.gov

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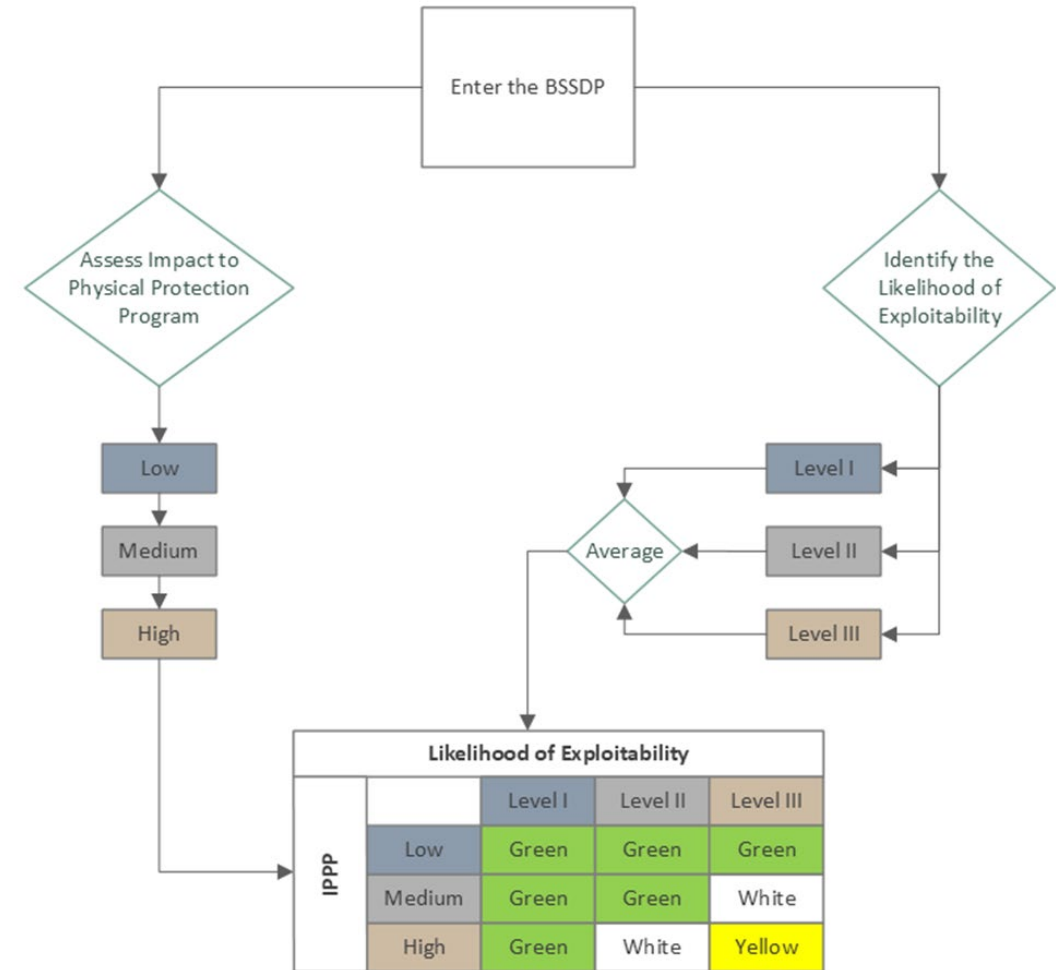
*Modernizing While Maintaining Standards in
the NRC's Security Inspection Framework*

#NRCForward

*The NRC's holistic review of the security baseline inspection program at
operating nuclear power plants.*

Baseline Security Significance Determination Process (BSSDP):

- Revised to reduce subjectivity, incorporate risk insights, and promote consistency.
- Significance assessed based on likelihood and impact.
- Significantly reduced the level of effort required to assess finding significance.





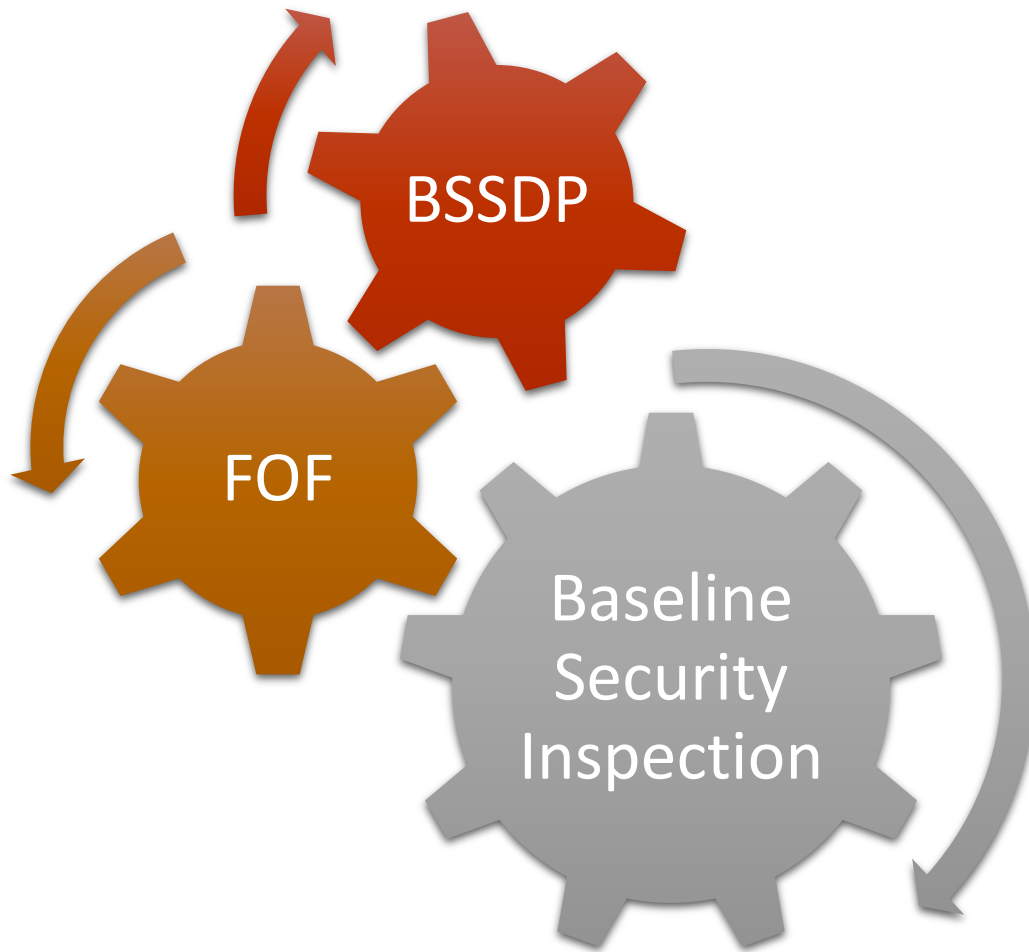
Baseline Security Inspection:

- Assessed for opportunities to improve efficiency and effectiveness.
- Identified opportunities to revise inspection procedures to remove redundancy and streamline inspections.
- Improved inspection flexibility through sample selection based on licensee activities and risk.
- Balanced inspection effort over the inspection cycle.

NRC Force-on-Force (FOF) Inspection Program:

- Assessed for changes to exercise scenario development process.
- Provided additional options for modifications to the FOF program to promote consistency and remove subjectivity.
- Implements Administration direction while maintaining the requirements of the Atomic Energy Act.





- All parts are working together in the new paradigm of nuclear security inspection and oversight.
- Improves risk-informed focus.
- Better aligns inspection resources to risk-significance.
- Fully maintains the NRC focus on verifying reasonable assurance of adequate protection.