

**FY 2017 Template for Risk-Informed-Activities**

This template will assist with the consistent description of activities. Each office is requested to provide all of their activities for the annual update of the public website as one consolidated response.

<b>2017 Template - Risk-Informed-Activities</b>	
<b>Activity Title</b>	Consider retaining the existing activity title.
<b>Summary Description or Background</b>	State “no change” or provide a brief rewrite moving more current information to the template FY sections below and try to minimize duplication. If the summary/background is longer than a page/screen, shorten to an executive background summary here and add reference to a separate publicly available ADAMS ML# for more information. The ML# will be linked after the executive background summary in this section on the website.
<b>FY2015</b>	State “no change” or provide an update of this past year’s efforts.
<b>FY2016</b>	State “no change” or provide an update of last year’s efforts.
<b>FY2017</b> <i>(new webpage section)</i>	Identify current efforts, results, or activities completed or conducted during the fiscal year without duplicating any information from prior year’s efforts.  If the activity is completed or suspended, note this fact with a brief description or with a reference (with ADAMS ML#s) that documents the basis for completing or suspending the activity. If the activity was completed in FY2016, consider deleting this item from the website.
<b>Risk-Informed Basis</b> <i>Special Attention</i>	Provide an explanation that would allow the public to easily understand the use and purpose of Probabilistic Risk Assessment (PRA) in the activity decision making, (SRM (ML061520304). Describe how risk was characterized and assessed and explain the risk insights. See the following guidance.

## Risk-Informed Basis – Statement Guidance

The NRC's concept of risk combines the probability of an accident with the consequences of that accident. In other words, the NRC examines the following questions:

- What can go wrong?
- How likely is it?
- What would be the consequences?

An integrated risk-informed decision involves consideration of the 5 principles from the chart below. (Reference RG 1.174 and [Risk and Performance Concepts in NRC's Approach to Regulation](#) from the NRC Public Website). Principle 4, Risk-Informed Analysis is the focus for this risk basis website section to highlight to the public the purpose and use of PRA to arrive at the decision. Risk is first characterized and then assessed to generate risk-insights, (Reference - Risk-Informed Thinking Workshop). This assessment/analysis from Principle 4 should be described in the activity Risk-Informed Basis section. The only aspect of risk that differentiate itself from deterministic decision-making is the second question from the risk triplet: How likely is the occurrence of what can go wrong. Describe the actions taken to first identify the risk likelihood and how it was characterized and assessed. Explain the risk insights and how they were determined. This explanation for the purpose and use of PRA for the public was directed by the Commission in SRM, "Briefing on Status of Risk-Informed and Performance-Based Reactor Regulation", dated June 6, 2006 (ML061520304)

### Five Principles for Integrated Risk-Informed Decision-Making

