

Annual Request for Risk-Informed Activity Information

FY 2018 Risk-Informed Activity Table			
Office	Arena	Title	2018 Website Link
NMSS	Fuel Cycle	ANS Standard 57.11, Integrated Safety Assessments for Fuel Cycle Facilities	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/materials-safety-fuel-cycle.html#ans
NMSS	Fuel Cycle	Rulemaking – Cyber Security for Fuel Cycle Facilities	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/materials-safety-fuel-cycle.html#cybersecurity
NMSS	Fuel Cycle	Implementation of Lessons Learned from Uranium Accumulation Event	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/materials-safety-fuel-cycle.html#implementation
NMSS	Fuel Cycle	Rulemaking for Reprocessing Facilities	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/materials-safety-fuel-cycle.html#rulemaking
NMSS	Low Level Waste	Greater Than Class-C Waste	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/waste-manage-llw.html#class-c
NMSS	Low Level Waste	Extension of Timeframe for Uranium recovery Inspections	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/waste-manage-llw.html#extension-of-timeframe
NMSS	Low Level Waste	Increasing License Terms for Uranium recovery Facilities	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/waste-manage-llw.html#increasing-license-terms
NMSS	Low Level Waste	Aligning the Inspection Hours with the Stage of Decommissioning for Power Reactors	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/waste-manage-llw.html#aligning-inspection-hours
NMSS	Low Level Waste	Low-Level Radioactive Waste Disposal (10 CFR Part 61) Rulemaking	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/waste-manage-llw.html#secy-16-0106
NMSS	Cross-Cutting	Rulemaking Activities	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/cross-cutting.html#rulemaking
NMSS	Byproduct Materials	Inspection Manual Chapter 2800, "Materials Inspection Program"	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/materials-safety-byproduct.html#imc2800
NMSS	Byproduct Materials	Medical Use of Byproduct Materials 10CFR35 – Medical Event Definitions, Training and Experience, and Clarifying Amendments	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/materials-safety-byproduct.html#byproduct
NMSS	Spent Fuel Storage & Transportation	Regulatory Framework for Spent Fuel Storage and Transportation	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/waste-manage-spent-fuel.html#regulatory
NRO	Light Water Rx (LWR)	Evaluate and Develop Risk-Informed Regulatory Guidance for New Reactors	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-new.html#evaluate
NRO	Adv Rx	Staff Review of NuScale Emergency Planning Zone Licensing Topical Review	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-advanced.html#nuscale
NRO	Adv Rx	Risk-Informed Review of Small Modular Reactor (SMR) Designs	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-advanced.html#smr
NRO	Adv Rx	Non-Light Water Reactor Licensing Modernization	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-advanced.html#modernization

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NRR	Operating Rx	Regulatory Improvements for Production and Utilization Facilities Transitioning to Decommissioning Rulemaking	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#regulatory-improvements
NRR	Cross-Cutting	Risk-Informed Steering Committee (RISC)	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/cross-cutting.html#risc
NRR	Operating Rx	Implementing Lessons Learned from Fukushima	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#fukushima
NRR	Operating Rx	Design Compliance Enforcement Discretion (DCED): a Risk-Informed Approach for Addressing Low Risk, Low Safety Significance Design Compliance Issues	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#low-risk
NRR	Operating Rx	Risk Assessment of Operation Events (RASP Handbook)	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#risk-assessment
NRR	Operating Rx	National Fire Protection Association (NFPA) Standard 805	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#nfpa805
NRR	Operating Rx	Assess Debris Accumulation on PWR Sump Performance, GSI-191	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#gsi191
NRR	Operating Rx	Develop Risk-Informed Improvements to Standard Technical Specs	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#sts
NRR	Operating Rx	Implement 10CFR50.69: Risk-Informed Categorization and Treatment of SSCs for Nuclear Power Reactors	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#10cfr5069
NSIR	Operating Rx	Ensure Force-on-Force (FoF) Scenarios Are Realistic and Reasonable	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#fof
NSIR	Operating Rx	Risk-Informed Compensatory Measures	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#compensatory-measures
NSIR	Operating Rx	Consequence-based Security for Advanced Reactors	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#consequence
NSIR	Operating Rx	Revision of the Emergency Preparedness Significance Determination Process	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#revision
NSIR	Operating Rx	Baseline Security Program Revision	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#baseline
RES-PRB	Cross-Cutting	Update RG 1.200, An Approach for Determining the Technical Adequacy of PRA Results for Risk-Informed Activities	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/cross-cutting.html#rg1200
RES-PRB	Cross-Cutting	PRA Standards Development	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/cross-cutting.html#pra
RES-PRB	Cross-Cutting	Industry Peer Review Guidance Development	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/cross-cutting.html#industry

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RES-PRB	Cross-Cutting	Update RG 1.174, An Approach for Using PRA in Risk-Informed Decisions on Plant Specific Changes to the Licensing Basis	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/cross-cutting.html#rg1174
RES-PRB	Cross-Cutting	Update NUREG 1855, Guidance on the Treatment of Uncertainties Associated with PRAs in Risk-Informed Decisionmaking	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/cross-cutting.html#nureg1855
RES-PRB	Operating Rx	Accident Sequence Precursor (ASP) Program	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#asp
RES-FX	Operating Rx	Probabilistic Flood Hazard Assessment (PFHA)	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#pfha
RES-PRAB	Operating Rx	Maintenance and Development of SAPHIRE Code	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#maintenance
RES-PRAB	Operating Rx	SPAR Models	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#spar
RES-PRAB	Operating Rx	Full Scope Site Level 3 PRA	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#level-3
RES-PRAB	Operating Rx	Consequential SG Tube Rupture Probability and Consequence Assessment	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#pra
RES-HFRB	Operating Rx	Data Collection for Human Reliability Analysis (HRA)	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#hra-data-collection
RES-HFRB	Operating Rx	Human Reliability Analysis (HRA) Methods and Practices	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#hra-methods
RES-DSA	Operating Rx	State-of-the-Art Reactor Consequence Analyses	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#state-of-the-art
RES-DSA	Operating Rx	Probabilistic Methodologies for Component Integrity Assessment	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#probabilistic