

Annual Request for Risk-Informed Activity Information

Enclosure 1

FY 2016 Risk-Informed Activity Table			
Office	Arena	Title	2016 Website Link
NMSS	Fuel Cycle	Rulemaking for Reprocessing Facilities	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/materials-safety-fuel-cycle.html#rulemaking
NMSS	Fuel Cycle	Revise the Fuel Cycle Oversight Program	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/materials-safety-fuel-cycle.html#revise
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	Low Level Waste	SECY-16-0106 Final Rule Low-Level Radioactive Waste Disposal (10 CFR Part 61)	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/waste-manage-llw.html#secy-16-0106
NMSS	Spent Fuel Storage & Transportation	Enhance Regulatory Framework for Extended Storage and Transportation	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/waste-manage-spent-fuel.html#enhance
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	Cross-Cutting	NRC Grow Your Own PRA Capability	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/cross-cutting.html#pra
NRO	Light Water Rx (LWR)	Standard Review Plan, Chapter 19.0 Severe Accidents, NUREG-0800	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-new.html#srp
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 Licensing Topical Report on Risk Significance Determination	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-advanced.html#nuscale
NRO	Adv Rx	Use of Risk Insights to Enhance Technical Reviews of Design Certification Applications	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-advanced.html#insights
NRO	Adv Rx	Interim Staff Guidance on PRA Technical Adequacy for Advanced Light –Water Reactors	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-advanced.html#pra
NRO	Adv Rx	Pre-Application Review for Small Modular Reactor (SMR) Designs	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-advanced.html#smr
NRR	Operating Rx	Risk-Informed In-service Inspection (ISI)	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#isi
NRR	Operating Rx	Risk-Informing Agency Actions on Low Risk Compliance Issues	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#low-risk
NRR	Operating Rx	ECCS Requirements: Redefinition of LOCA	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#eccs-loca
NRR	Operating Rx	ECCS Requirements: LOCA/LOOP	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#eccs-loop
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

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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	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	Implementing Lessons Learned from Fukushima	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#fukushima
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	Risk Prioritization Initiatives (RPI)	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#rpi
NRR	Cross-Cutting	Risk Management Regulatory Framework (RMRF)	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/cross-cutting.html#rmrf
RES	Operating Rx	Accident Sequence Precursor (ASP) Program	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#asp
RES	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	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	Operating Rx	Development of Human Reliability Analysis (HRA)	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#hra-development
RES	Operating Rx	Probabilistic Flood Hazard Assessment (PFHA)	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#pfha
RES	Operating Rx	Methods, Tools and Guidance for Including Digital Systems in Nuclear Power Plant PRAs	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#methods
RES	Operating Rx	Maintenance and Development of SAPHIRE Code	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#maintenance
RES	Operating Rx	SPAR Models	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#spar
RES	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	Operating Rx	Risk Assessment of Operational Events	https://www.nrc.gov/about-nrc/regulatory/risk-informed/rpp/reactor-safety-operating.html#risk-assessment
RES	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	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

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RES	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	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