

## **APPENDIX VIII: GOALS, PERFORMANCE MEASURE, AND PROGRAM CROSSWALK**

The following table shows the relationship between the agency’s goals, performance measures, and its eight sub-programs. For example, the sub-programs that the strategic outcome of “prevent the occurrence of any nuclear reactor accidents” relates to are the New Reactors, Reactor Licensing Tasks, and Reactor Oversight sub-programs. The strategic outcome of “prevent the occurrence of any inadvertent criticality events” relates to all of the agency’s sub-programs. Each program evaluates event reports and other pertinent data<sup>1</sup> to report the results for each strategic outcome, performance measure, and output measure.

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<sup>1</sup> Complete information on data measurement for each strategic outcome and performance measure can found in the Verification and Validation of NRC Measures and Metrics appendix in this document.

**APPENDIX VIII: GOALS, PERFORMANCE MEASURE, AND PROGRAM CROSSWALK**

**Goals, Performance Measure, and Program Crosswalk: - Safety**

Measures	NRC Programs							
	New Reactors	Reactor Licensing	Reactor Oversight	Fuel Facilities	Materials Users	HLW	Decomm & LLW	Spent Fuel
<b><i>Strategic Outcomes</i></b>								
Prevent the occurrence of any nuclear reactor accidents.	x	x	x					
Prevent the occurrence of any inadvertent criticality events.	x	x	x	x	x	x	x	x
Prevent the occurrence of any acute radiation exposures resulting in fatalities.	x	x	x	x	x	x	x	x
Prevent the occurrence of any releases of radioactive materials that result in significant radiation exposures.	x	x	x	x	x	x	x	x
Prevent the occurrence of any releases of radioactive materials that cause significant adverse environmental impacts.	x	x	x	x	x	x	x	x
<b><i>Performance Measures</i></b>								
Number of new conditions evaluated as red by the NRC's reactor oversight process.			x					
Number of significant accident sequence precursors (ASPs) of a nuclear reactor accident.			x					
Number of operating reactors whose integrated performance entered the Manual Chapter 0350 process, the multiple/repetitive degraded cornerstone column or the unacceptable performance column of the ROP Action Matrix.			x					
Number of significant adverse trends in industry safety performance.			x					
Number of events with radiation exposures to the public or occupational workers that exceed Abnormal Occurrence Criterion I.A.	x	x	x	x	x	x	x	x
Number of radiological releases to the environment that exceed applicable regulatory limits.	x	x	x	x	x	x	x	x

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Measures	NRC Programs							
	New Reactors	Reactor Licensing	Reactor Oversight	Fuel Facilities	Materials Users	HLW	Decomm & LLW	Spent Fuel
<b><i>Output Measures</i></b>								
Review early site permit applications on the schedules negotiated with the applicants.	x							
Review design certification applications on the schedules negotiated with the applicants.	x							
Review combined license (COL) applications on the schedules negotiated with the applicants.	x							
Licensing actions completed per year.		x						
Age of licensing action inventory, except for license renewal and iSTS conversions.		x						
Other licensing tasks completed per year.		x						
Age of Other Licensing Task Inventory.		x						
Timeliness of completing actions on critical research programs.		x						
Acceptable technical quality of agency research technical products.		x						
Completion of license renewal application reviews.		x						
Number of plants for which the baseline inspection program was completed during the most recently ended inspection cycle.			x					
Timeliness of Significance Determination Process (SDP) evaluations.			x					
Number of operator licensing examinations administered.			x					
Time to complete reviews of technical allegations.			x					
Timeliness in completing enforcement actions.			x					
Reactor investigations output measures: Timeliness in completing investigations - Target 1.			x					
Timeliness in completing investigations - Target 2.			x					
Emergency Response Performance Index.			x					

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Timeliness of fuel cycle licensing actions (amendments, renewals, new applications, and reviews) from the date of acceptance (for licensing actions received after October 1, 2000).				x				
Number of fuel cycle licensing actions (amendments, renewals, new applications, and reviews) from the date of acceptance completed per year.				x				
Timeliness of Safety and Safeguards inspection modules.				x				
Safety and safeguards inspection module.				x				
Timeliness in completing reviews for technical Allegations.				x				
Timeliness of licensing actions- review of application for new materials licenses and license amendments....					x			
Timeliness of licensing actions - reviews of application for materials license renewals and sealed source and device designs.					x			
Timeliness of safety inspections of materials licensee.s					x			
Timeliness in completing investigations - Target 1.					x			
Timeliness in completing investigations - Target 2.					x			
Timeliness in completing enforcement actions.					x			
Timeliness in completing reviews for technical allegation.s					x			
Percentage of Materials and Waste rulemakings completed on schedule.					x			
Issuances of NRC import/export authorizations.					x			
After receipt of a license application, major milestones are completed on time.						x		
High-Level Waste Repository Resolution License Application Review.						x		
Timeliness in completing reviews for technical allegations						x		

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Clean-up complex materials, fuel cycle sites, and power reactors; complete uranium recovery licensing actions.							x	
Support program licensing activities by preparing and/or reviewing required environmental reports.							x	
DOE waste incidental to reprocessing (WIR) reviews completed.							x	
Eliminate the need for an environmental assessment for certain decommissioning licensing actions by incorporating them by rule as actions that only require a categorical exclusion.							x	
Complete transportation container design reviews within timeliness goals.								x
Complete storage container and installation design reviews within timeliness goals.								x
Number of inspections completed.								x
Timeliness of completing actions on critical research programs.								x
Acceptable technical quality of agency research technical products.								x

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**Goals, Performance Measure, and Program Crosswalk: - Security**

Measures	NRC Programs							
	New Reactors	Reactor Licensing	Reactor Oversight	Fuel Facilities	Materials Users	HLW	Decomm & LLW	Spent Fuel
<b><i>Strategic Outcomes</i></b>								
No instances where licensed radioactive materials are used domestically in a manner hostile to the security of the United States.	x	x	x	x	x	x	x	x
<b><i>Performance Measures</i></b>								
Unrecovered losses of risk-significant radioactive sources.	x	x	x	x	x	x	x	x
Number of substantiated cases of actual theft or diversion of licensed, risk-significant radioactive sources or formula quantities of special nuclear material; or attacks that result in radiological sabotage.	x	x	x	x	x	x	x	x
Number of substantiated losses of formula quantities of special nuclear material or substantiated inventory discrepancies of formula quantities of special nuclear material that are judged to be caused by theft or diversion or by substantial breakdown of the accountability system.	x	x	x	x	x	x	x	x
Number of substantial breakdowns of physical security or material control (i.e., access control, containment, or accountability systems) that significantly weakened the protection against theft, diversion, or sabotage.	x	x	x	x	x	x	x	x
Number of significant unauthorized disclosures of classified and/ or safeguards information.	x	x	x	x	x	x	x	x
<b><i>Output Measures</i></b>								
Complete the full cycle of force on force inspections as scheduled (all applicable facilities inspected over three year time frame).			x					