

Year	Inspection Findings				Total
	Green	White	Yellow	Red	
2001	660	23	2	0	685
2002	783	30	1	2	816
2003	748	19	2	4	773
2004	778	11	0	0	789
2005	849	10	1	0	860
2006	676	13	0	0	689
2007	759	9	2	0	770
2008	776	17	0	0	793
2009	879	7	0	0	886
2010	816	9	2	0	827
2011	846	13	2	0	861
2012	914	16	1	1	932
2013	706	10	2	0	718
2014	703	16	3	0	722
Sum	10,893	203	18	7	11,121
Percent	97.9%	1.8%	0.2%	0.1%	100.0%
Yearly Average	778	15	1	1	794

Source: NRC slides from annual assessment meetings

Green and Greater Than Green

Average number of NRC inspection findings 2001 to 2014, inclusive:

778 Green (97.9%)

15 White (1.8%)

1 Yellow (0.2%)

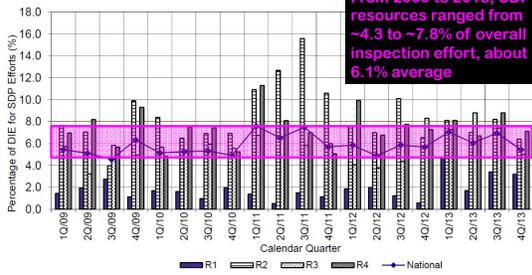
1 Red (0.1%)

2.1%

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ROP Annual Assessment Report

The chart below presents the percentage of SDP resource expenditures to total DIE per region.



Source: ML14056A218

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SDP Resources Seem Okay

SDP yields greater-than-green outcomes 2.1% of the time

SDP consumes about 6.1% of inspection-related resources

At most, greater-than-greens entail about three times the inspection effort

Seems NOT mis-aligned with safety

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SDP Resources Seem Okay

Brain surgeries take more resources than wart removals

Transmission repairs take more resources than tire rotations

Murder trials take more resources than traffic court cases

Greater-than-green SDP findings take more resources than lesser-than-GTG findings

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Are SDP Results Untimely?

Goal is to provide SDP outcomes within 90 days

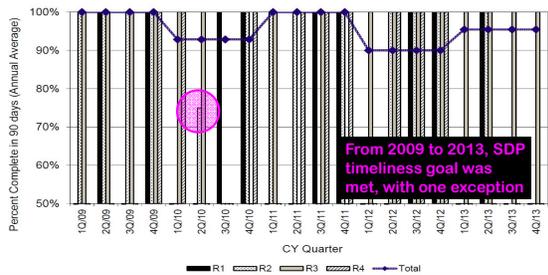
90-day goal prevents outcomes from getting out-of-phase with quarterly performance indicator updates

90-day goal also promotes timely NRC response when declining performance (i.e., GTG findings) is identified

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ROP Annual Assessment Report

The chart below presents the percentage of SDP results that were completed within 90 days.



Source: ML14056A218

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SDP Timeliness Seems Okay

Annual ROP metrics indicate that untimely SDP outcomes are the rare exception to an otherwise timely rule.

If it ain't broke, don't break it.

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Can SDP Become SPAR-less?

Within NRC, it has been proposed to reduce resources and improve timeliness of the SDP by eliminating SPAR models and relying on licensees' risk models.

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SPAR = Solid Decisions

NRC's SPAR "models are used to support a number of risk-informed initiatives. The fidelity and realism of these models is ensured through a number of processes, including cross-comparison with industry models, review and use by a wide range of technical experts, and confirmatory research."

Recent MELCOR vs. SPAR analysis for Byron Unit 1 identified only six potential SPAR model changes.

Source: NUREG-2187, Vol. 1, January 2016 (ML16021A423)

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