



Reactor Oversight Process Monthly Public Meeting

Emphasis on ROP Enhancement

January 17, 2019

Agenda

8:30am	Opening Remarks and Introductions	Margaret Doane, Ho Nieh, Chris Miller, Industry
9:00am	ROP Enhancement Introductory Remarks	Russell Gibbs
9:15am	ROP Enhancement SDP area	Antonios Zoulis
10:15am	ROP Enhancement Assessment area	Alex Garmoe
11:15am	ROP Enhancement Inspection area	Eric Thomas
12:15pm	Lunch	
1:15pm	ROP Enhancement ISFSI area	Carla Roque-Cruz
1:30pm	ROP Enhancement MSPI area	Industry
2:00pm	Performance Indicator FAQs	Joylynn Quinones
2:15pm	Ongoing SDP Updates	David Aird
2:30pm	Closing Remarks	

ROP Enhancement Website



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Reactor Oversight Process (ROP)

The Reactor Oversight Process is the U.S. Nuclear Regulatory Commission (NRC)'s program to inspect, measure, and assess the safety and security performance of operating commercial nuclear power plants, and to respond to any decline in their performance. If you have any questions, please use our Contact Us form.

KEY TOPICS

- ROP Enhancement
- ROP Update Schedule
- Design Inspection Review
- ADDITIONAL OVERSIGHT: Arkansas Nuclear 1, Units 1 and 2
- Pilgrim

ROP Framework

Plant Summaries

Performance Indicators

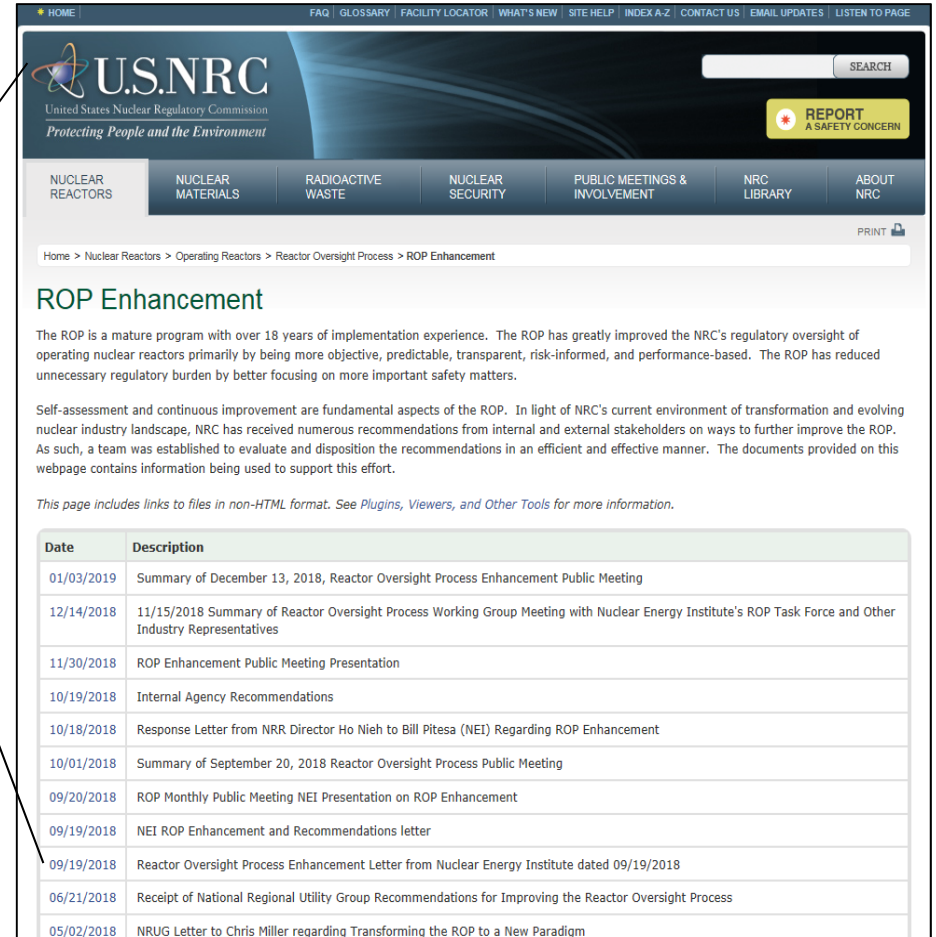
Inspection Findings

Inspection Reports

Assessment of Plant Performance (Action Matrix)

ROP Evaluation

Communications and Public Involvement



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ROP Enhancement

The ROP is a mature program with over 18 years of implementation experience. The ROP has greatly improved the NRC's regulatory oversight of operating nuclear reactors primarily by being more objective, predictable, transparent, risk-informed, and performance-based. The ROP has reduced unnecessary regulatory burden by better focusing on more important safety matters.

Self-assessment and continuous improvement are fundamental aspects of the ROP. In light of NRC's current environment of transformation and evolving nuclear industry landscape, NRC has received numerous recommendations from internal and external stakeholders on ways to further improve the ROP. As such, a team was established to evaluate and disposition the recommendations in an efficient and effective manner. The documents provided on this webpage contains information being used to support this effort.

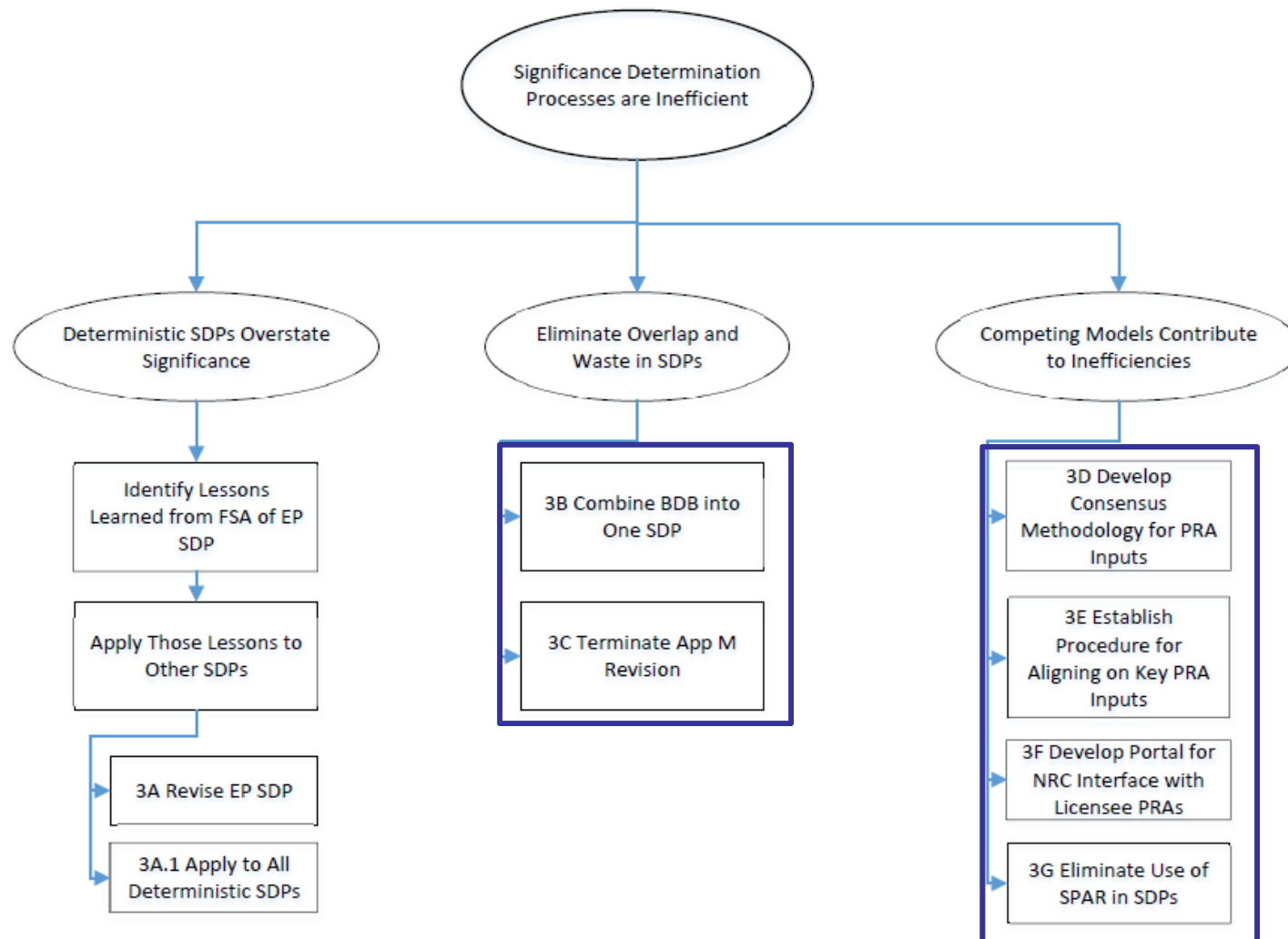
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Date	Description
01/03/2019	Summary of December 13, 2018, Reactor Oversight Process Enhancement Public Meeting
12/14/2018	11/15/2018 Summary of Reactor Oversight Process Working Group Meeting with Nuclear Energy Institute's ROP Task Force and Other Industry Representatives
11/30/2018	ROP Enhancement Public Meeting Presentation
10/19/2018	Internal Agency Recommendations
10/18/2018	Response Letter from NRR Director Ho Nieh to Bill Pitesa (NEI) Regarding ROP Enhancement
10/01/2018	Summary of September 20, 2018 Reactor Oversight Process Public Meeting
09/20/2018	ROP Monthly Public Meeting NEI Presentation on ROP Enhancement
09/19/2018	NEI ROP Enhancement and Recommendations letter
09/19/2018	Reactor Oversight Process Enhancement Letter from Nuclear Energy Institute dated 09/19/2018
06/21/2018	Receipt of National Regional Utility Group Recommendations for Improving the Reactor Oversight Process
05/02/2018	NRUG Letter to Chris Miller regarding Transforming the ROP to a New Paradigm



SDP Infrastructure

ROP Enhancement



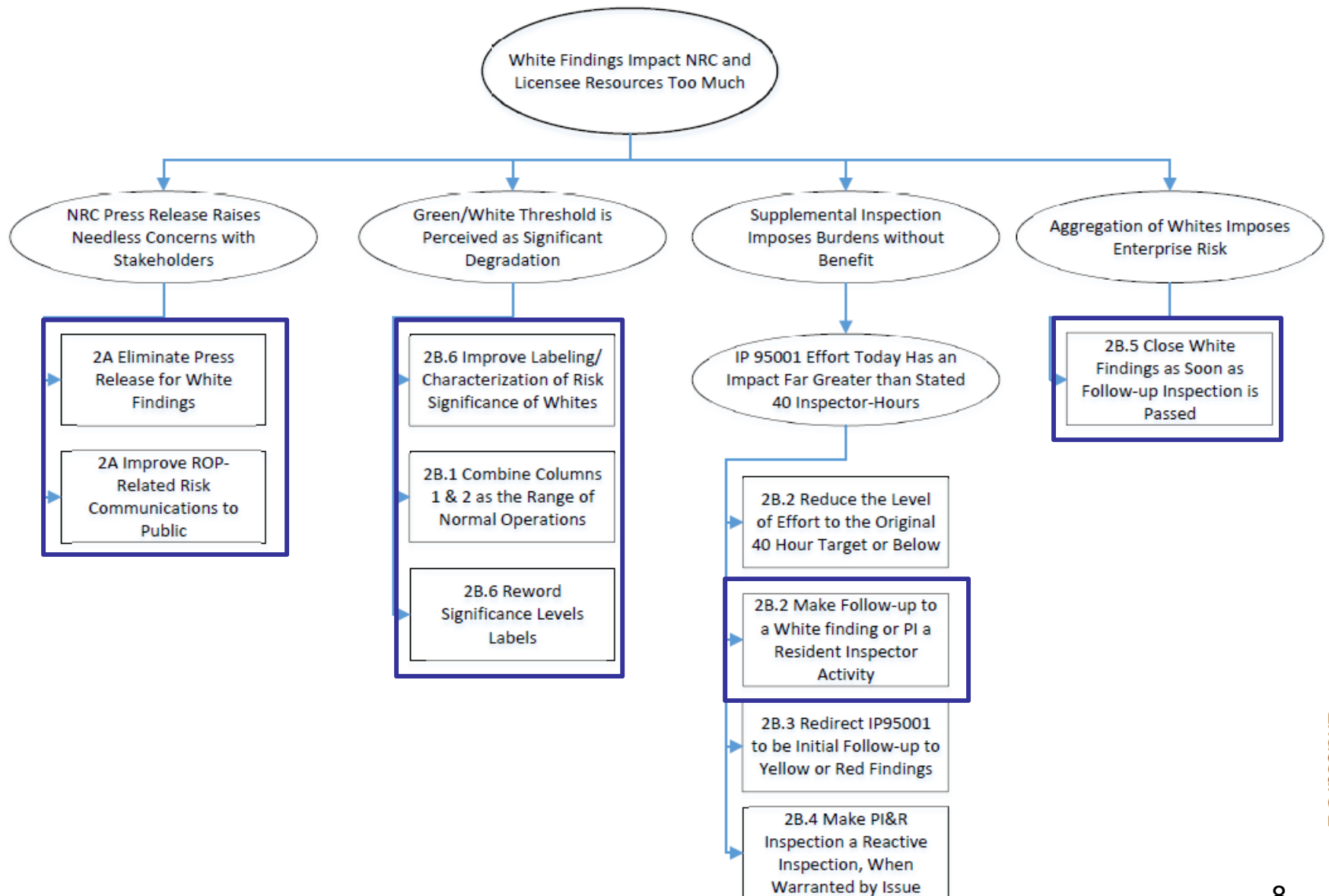
SDP Infrastructure – Antonios Zoulis

#	Description
3B	Combine BDB into One SDP
3C	Stop Appendix M Revision
3D	Standardize PRA Inputs to SDP
3E	Develop Procedure to Align on PRA Inputs Early
3F	Develop NRC Interface for Licensee PRAs
3G	Eliminate Use of SPAR in SDP
Staff	336 842 840 619 621

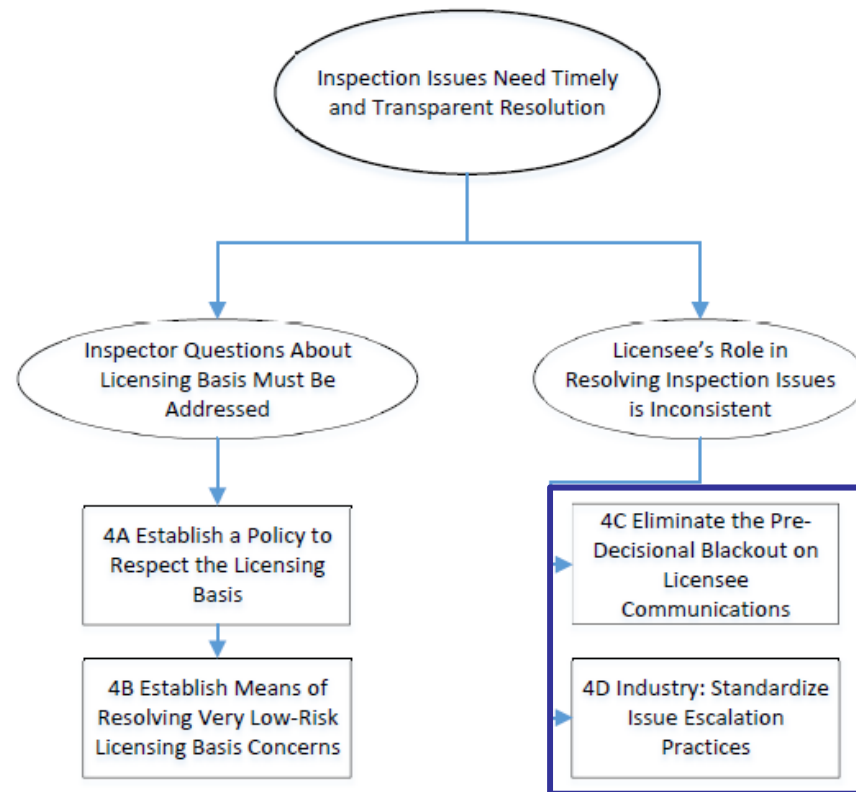


Assessment

ROP Enhancement



ROP Enhancement



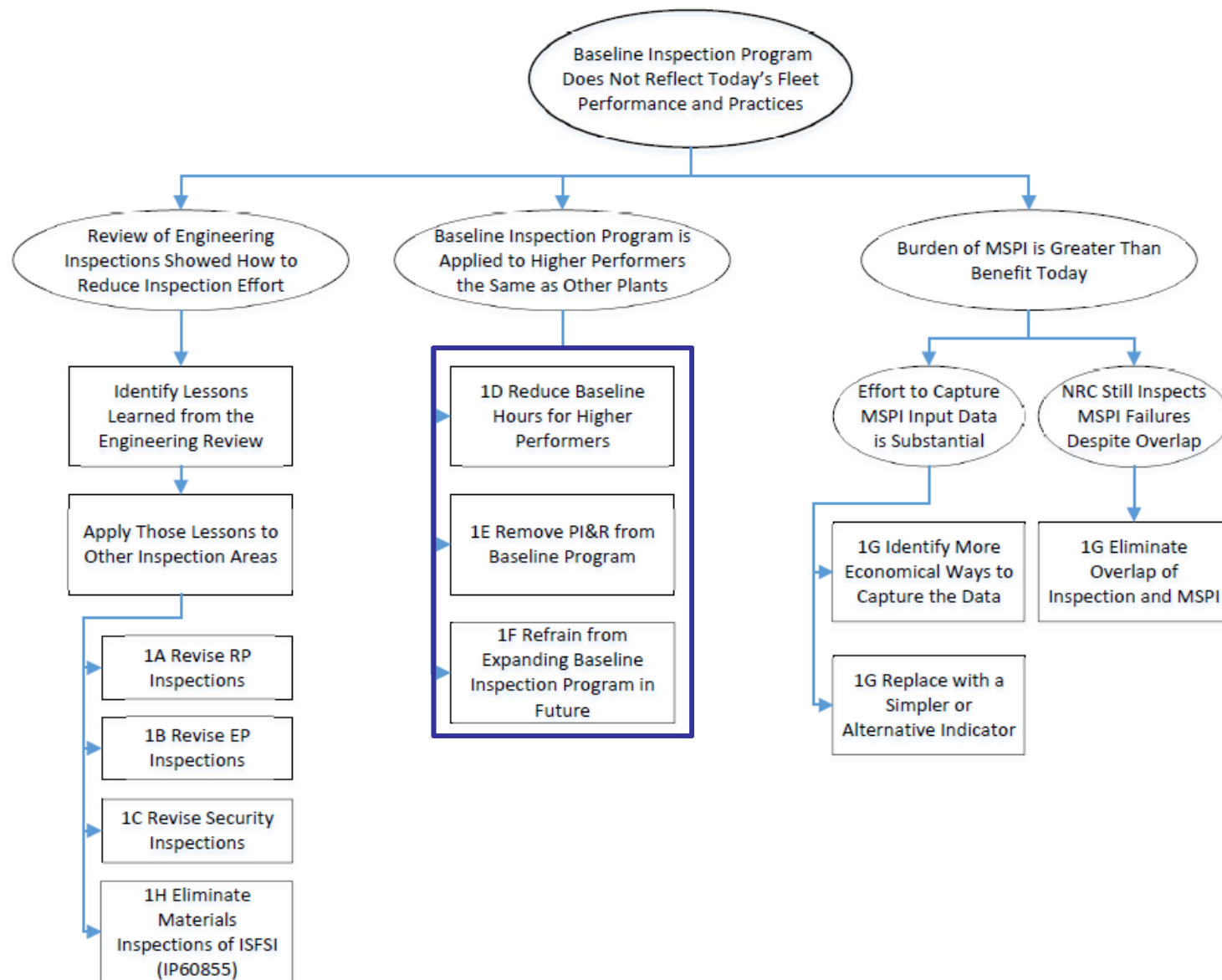
Assessment – Alex Garmoe

#	Description
2A	Revise Public Communications on White Findings
2B	Revise the Structure of the Action Matrix
2B.1	Combine Columns 1 and 2
2B.2	Follow-Up via Resident Inspectors: Establish the follow-up and closure for White findings through the resident inspector inspecting the causal analysis. (Shared)
2B.5	Promptly Close White Findings
2B.6	Redefine Finding Labels
4C	Open Up Communications about Inspection Results
4D	Standardize Issue Escalation Practices
Staff	278 250 337 339 340 153 231 618 627 839

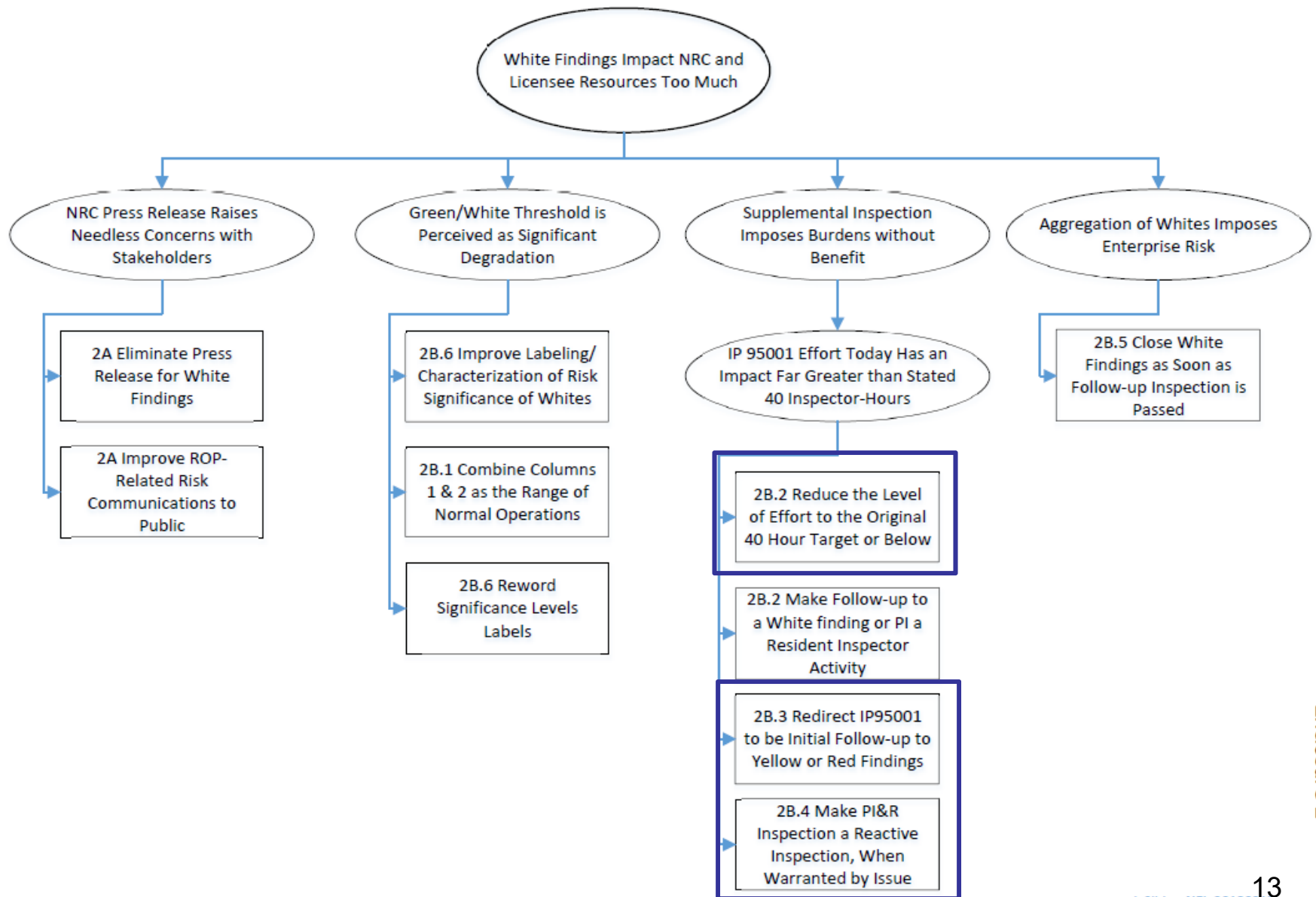


ROP Inspection

ROP Enhancement



ROP Enhancement

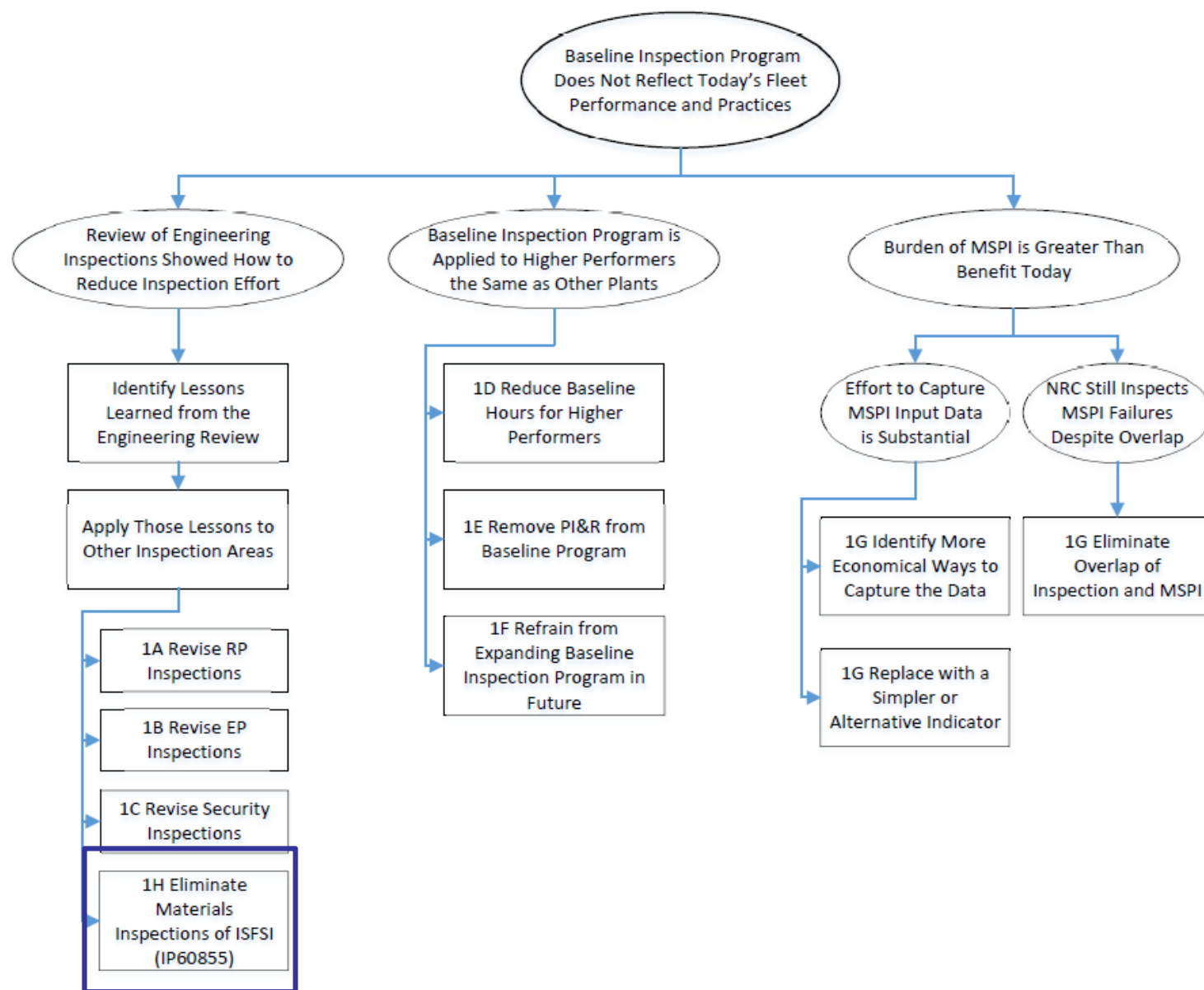


ROP Inspection – Eric Thomas

#	Description
1D	Reduce Baseline Hours for Higher Performers
1E	Remove PI&R Inspection from Baseline Program
1F	Refrain from Expanding Baseline Inspection Effort in Future
2B.2	Follow-Up via Resident Inspectors: Establish the follow-up and closure for White findings through the resident inspector inspecting the causal analysis. (Shared)
2B.3	Redirect IP 95001: Change the IP 95001 from a stand-alone “supplemental” procedure for Whites to become a follow-up to Yellow or Red findings as an initial inspection
2B.4	Revise IP 71152 to be reactive
Staff	624 583 617 078 375 622 428 186 266 203

Independent Spent Fuel Storage Installation (ISFSI)

ROP Enhancement

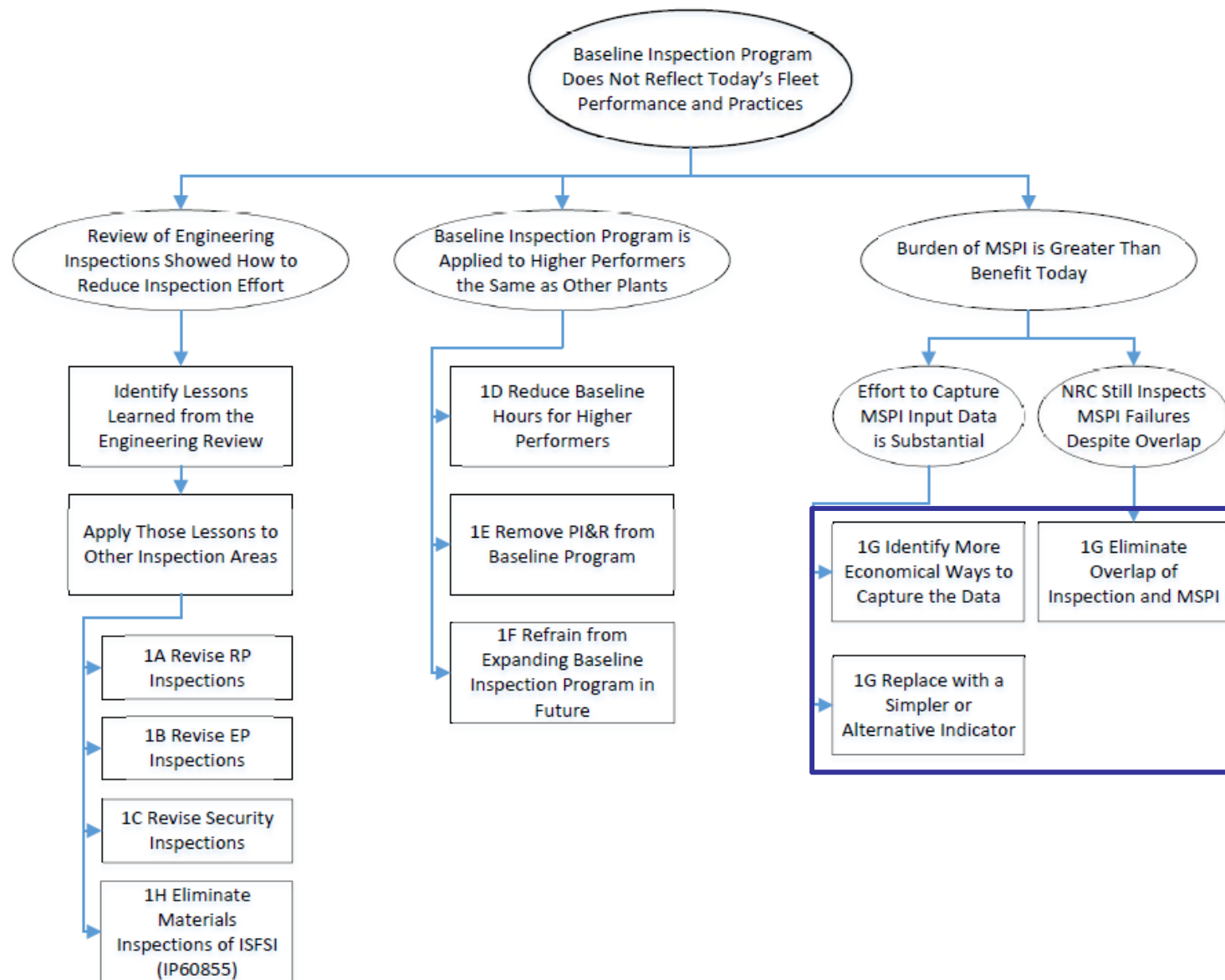


ISFSI – Carla Roque-Cruz

#	Description
1H	Eliminate Materials Inspections of ISFSIs

Mitigating Systems Performance Index (MSPI)

ROP Enhancement



MSPI – Alex Garmoe

#	Description
1G	Revise Use of Mitigating Systems Performance Index
Staff	171 587

ROP Performance Indicator Program Frequently Asked Questions (FAQ's) Joylynn Quinones-Navarro



Ongoing SDP Updates

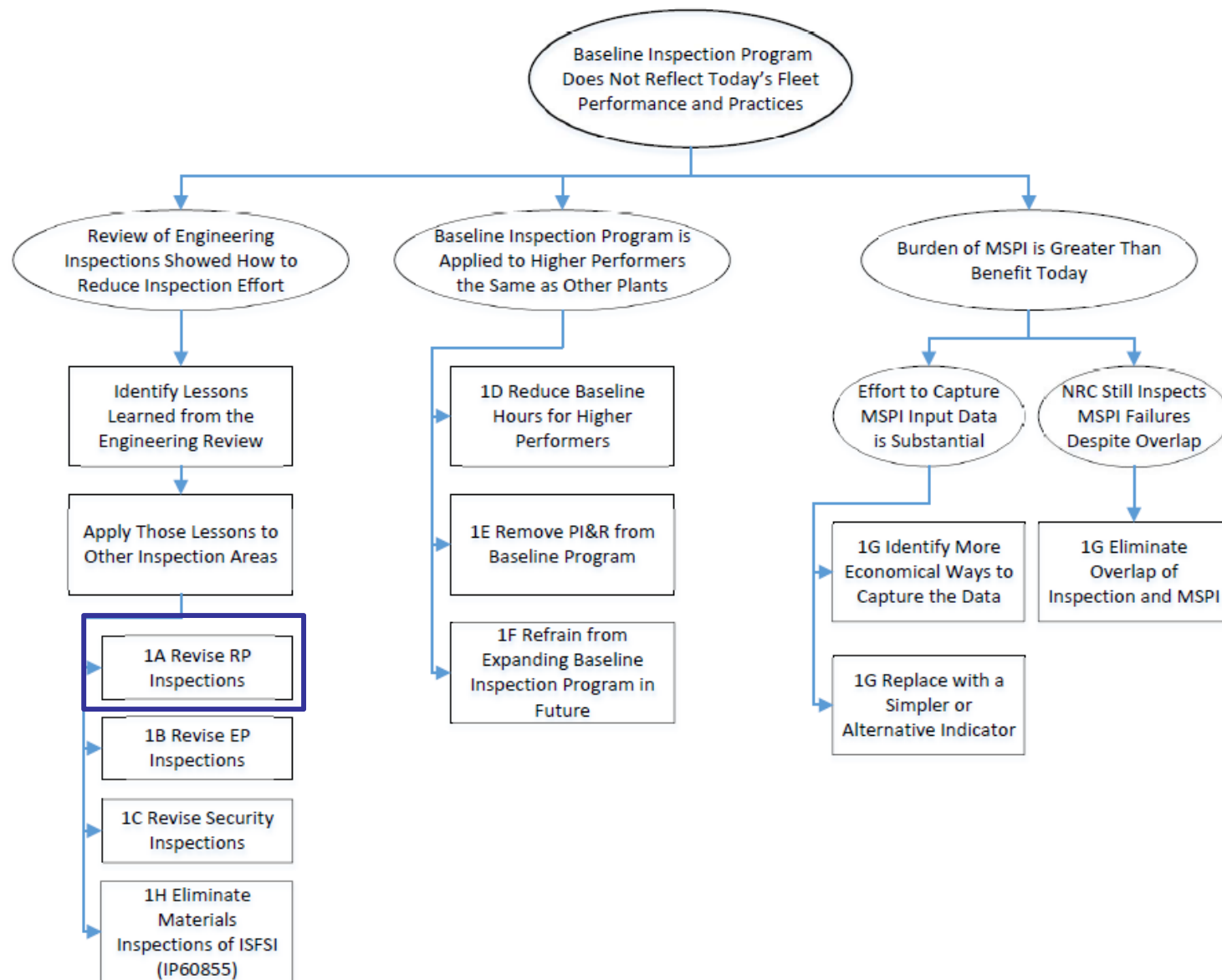
David Aird

Next Steps and Closing Remarks

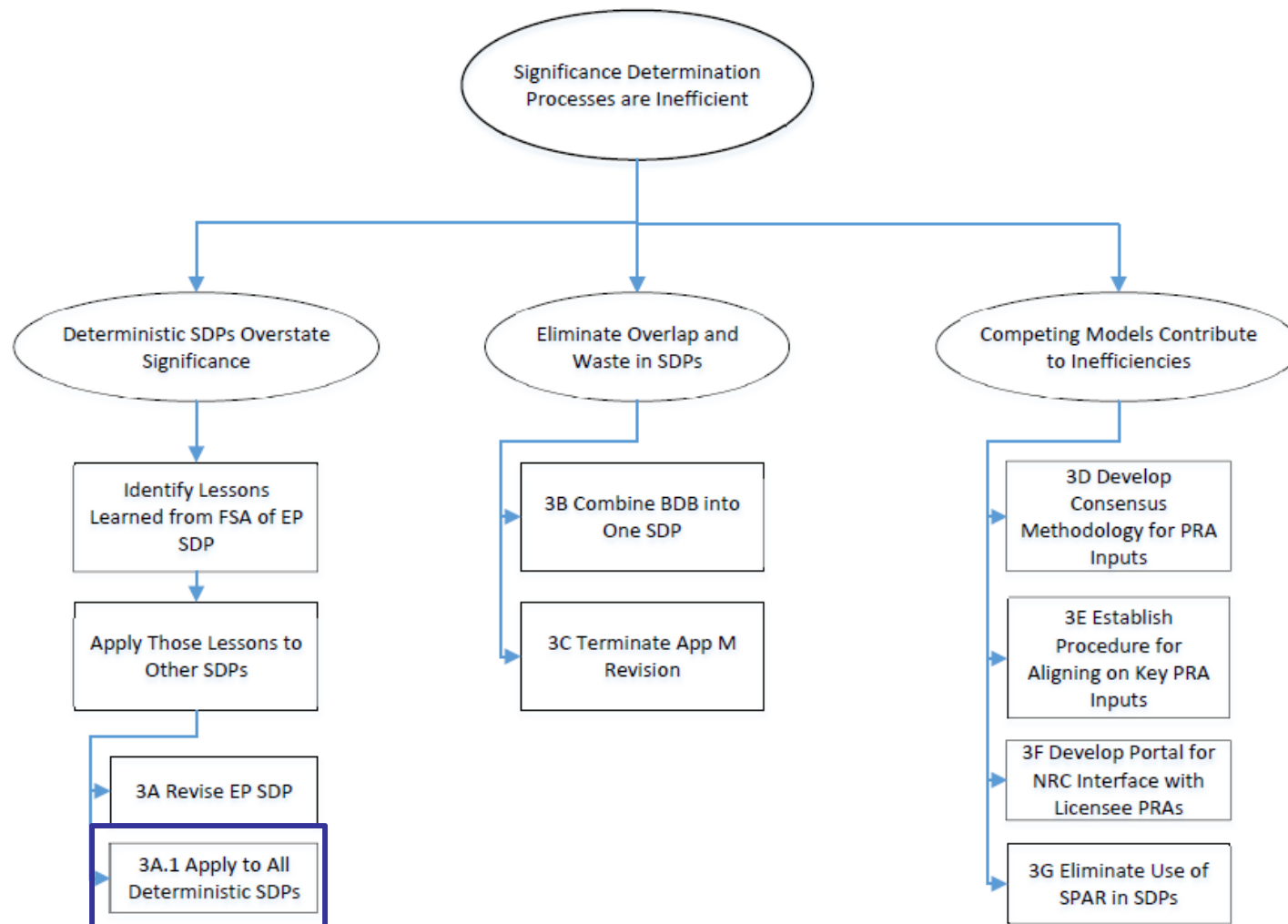


Radiation Protection

ROP Enhancement



ROP Enhancement



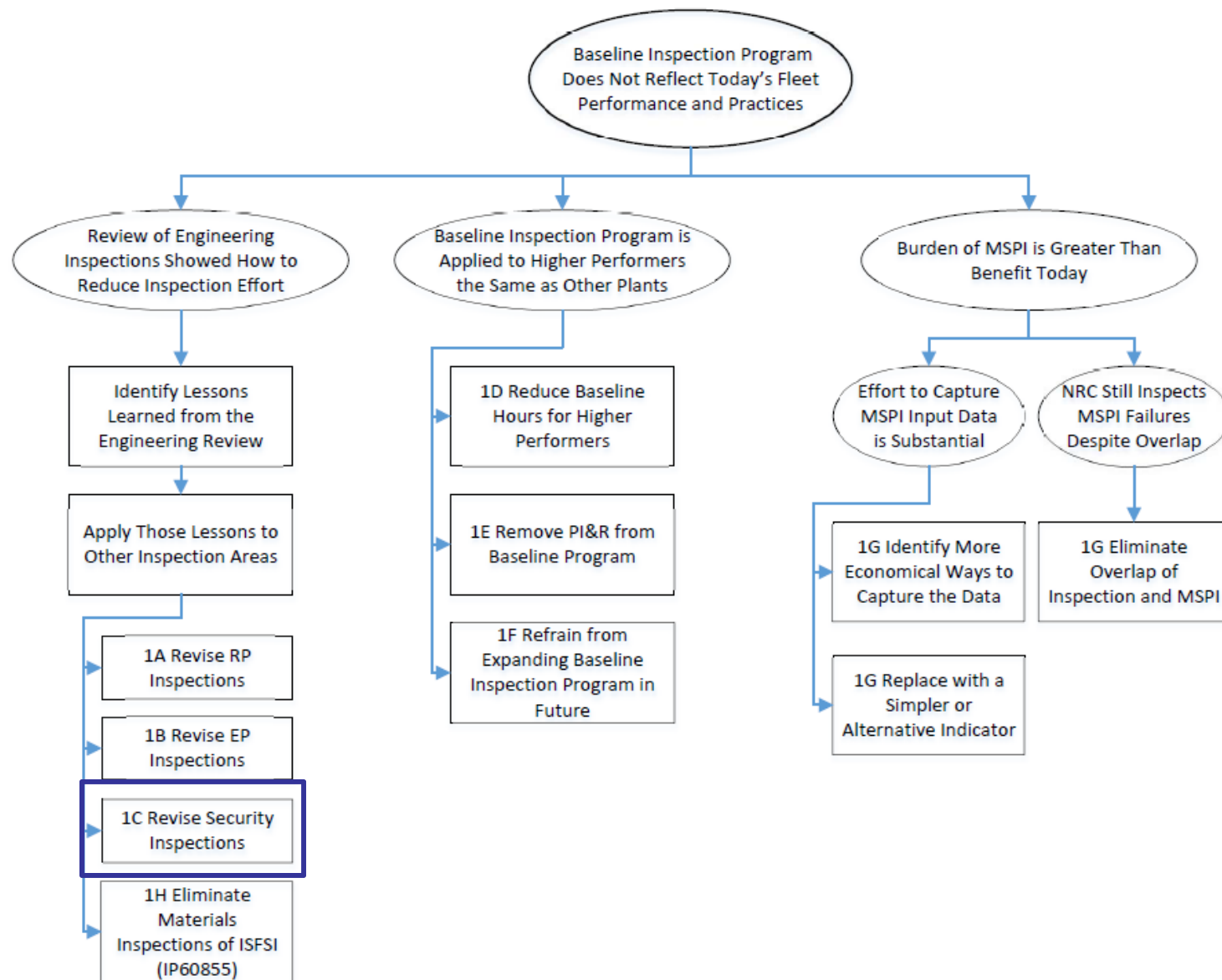
Radiation Protection – David Garmon

#	Description
1A	Revise RP Inspections
3A.1	Expand [EP SDP] Approach to All Deterministic SDPs

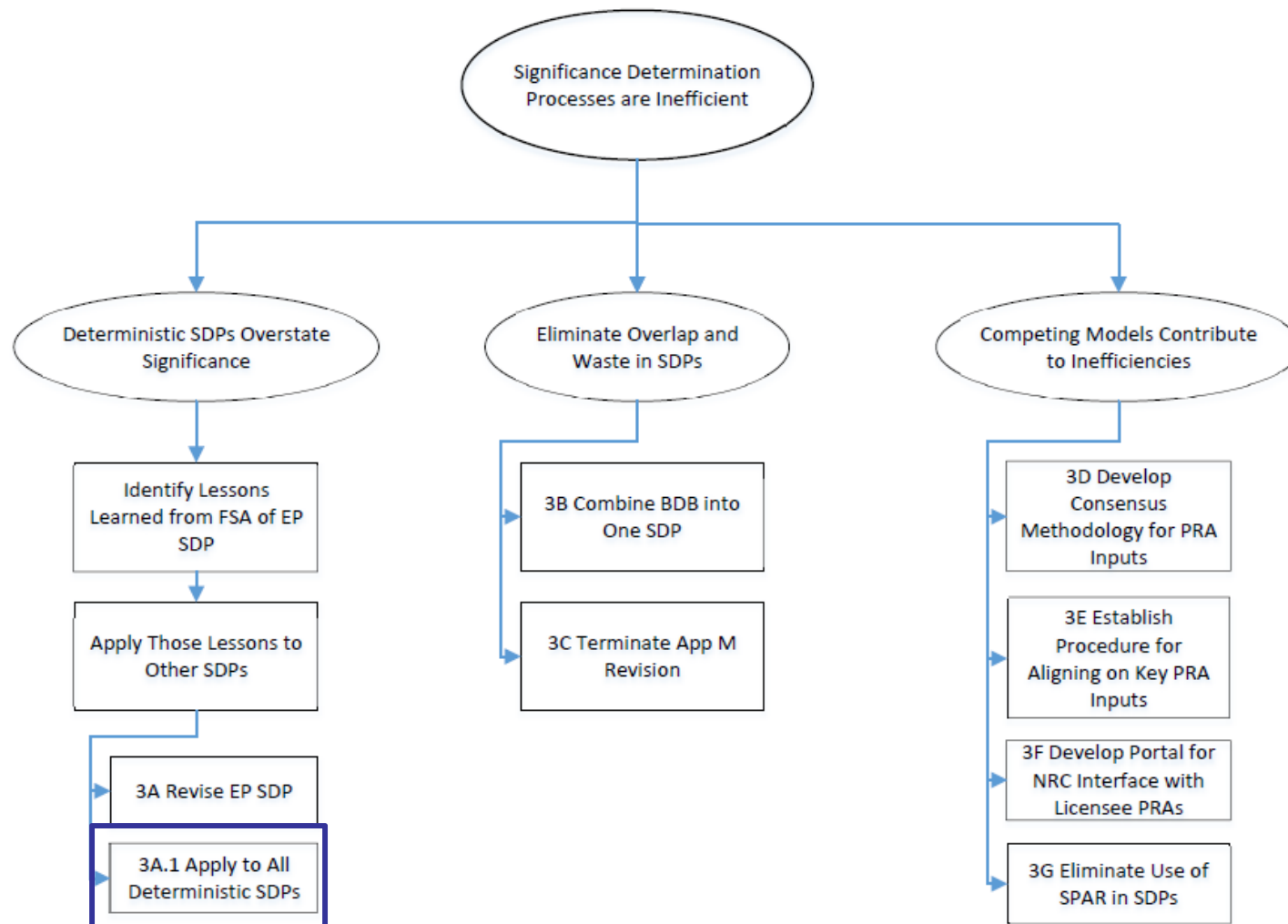


Security

ROP Enhancement



ROP Enhancement



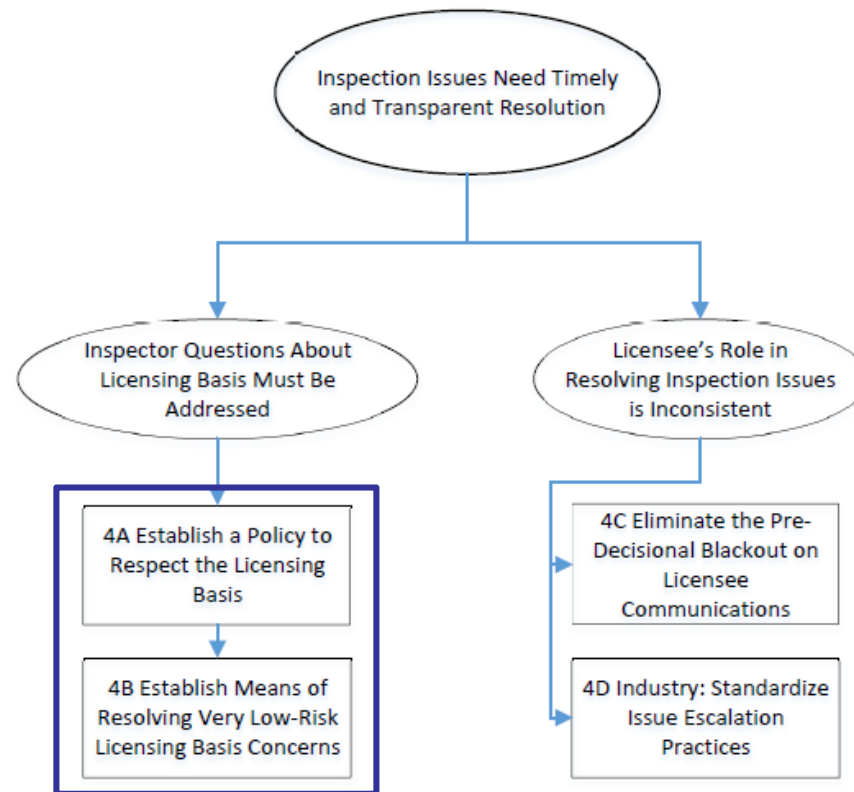
Security – Alonzo Richardson

#	Description
1C	Revise Security Inspections
3A.1	Expand [EP SDP] Approach to All Deterministic SDPs



Licensing/Backfit

ROP Enhancement

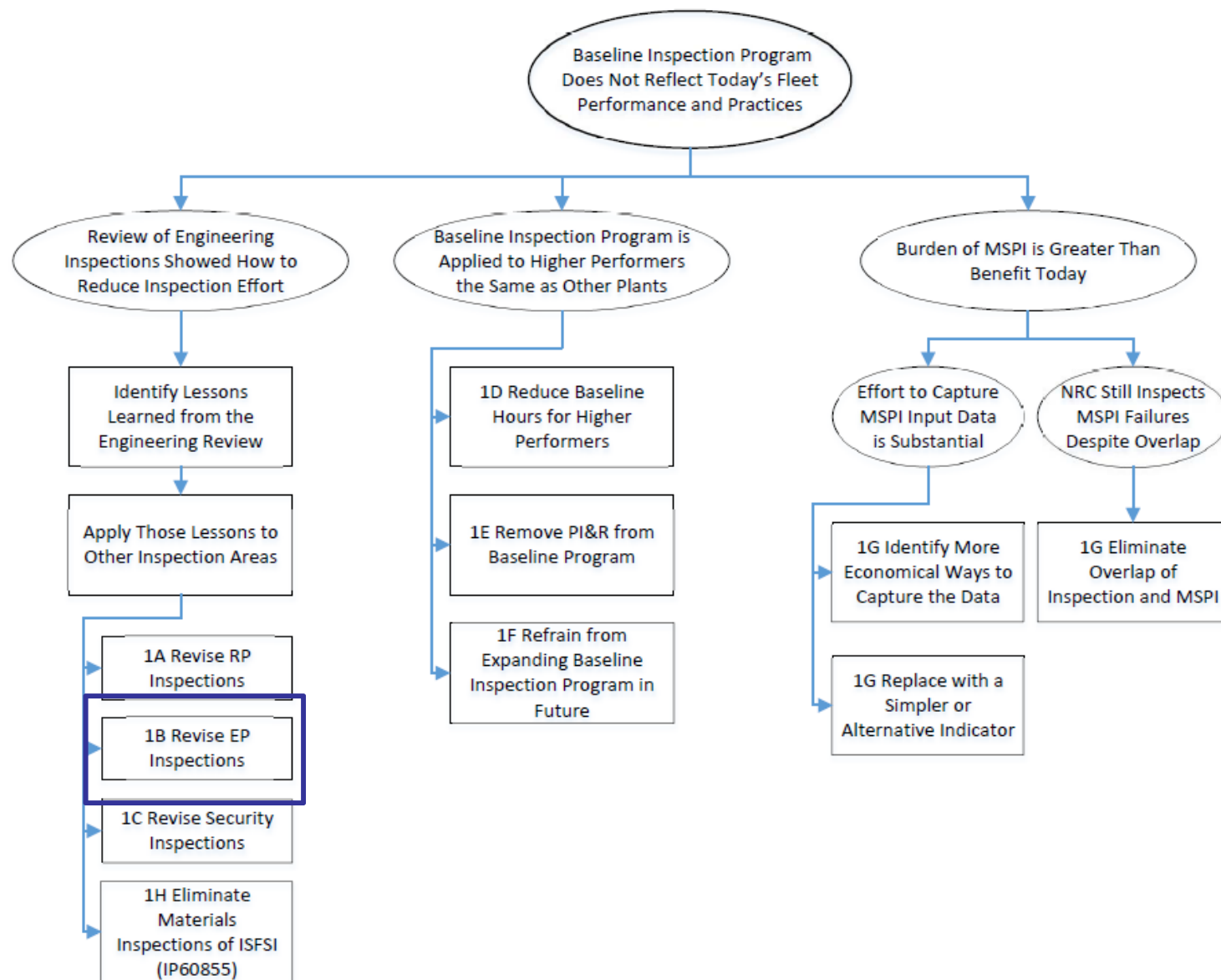


Licensing/Backfit – Tim Reed

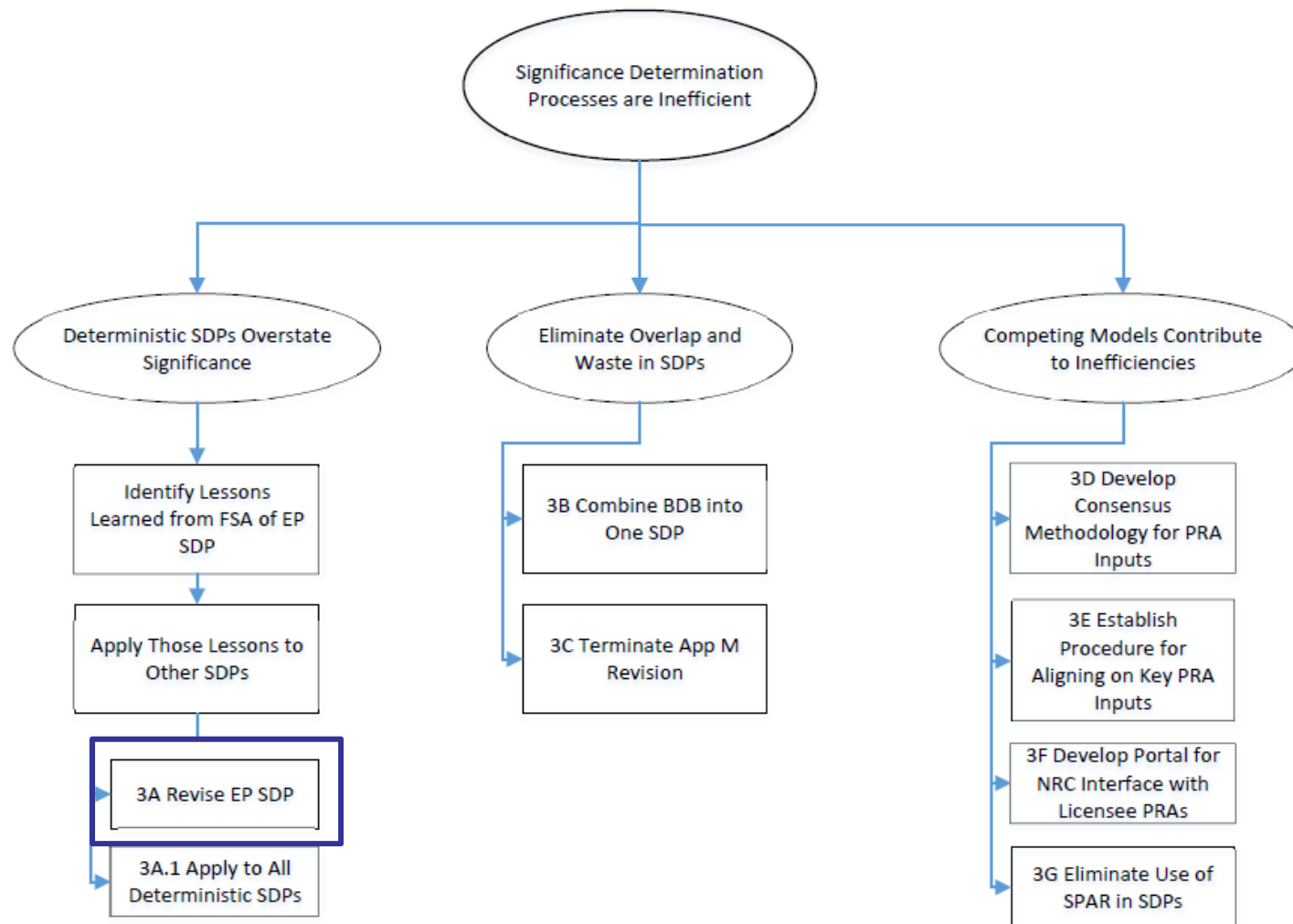
#	Description
4A	Establish Policy to Respect Licensing Basis
4B	Establish Means of Resolving Very Low-Risk Licensing Basis Concerns

Emergency Preparedness

ROP Enhancement



ROP Enhancement



Emergency Preparedness – Don Johnson

#	Description
1B	Revise EP Inspections
3A	Revise EP SDP