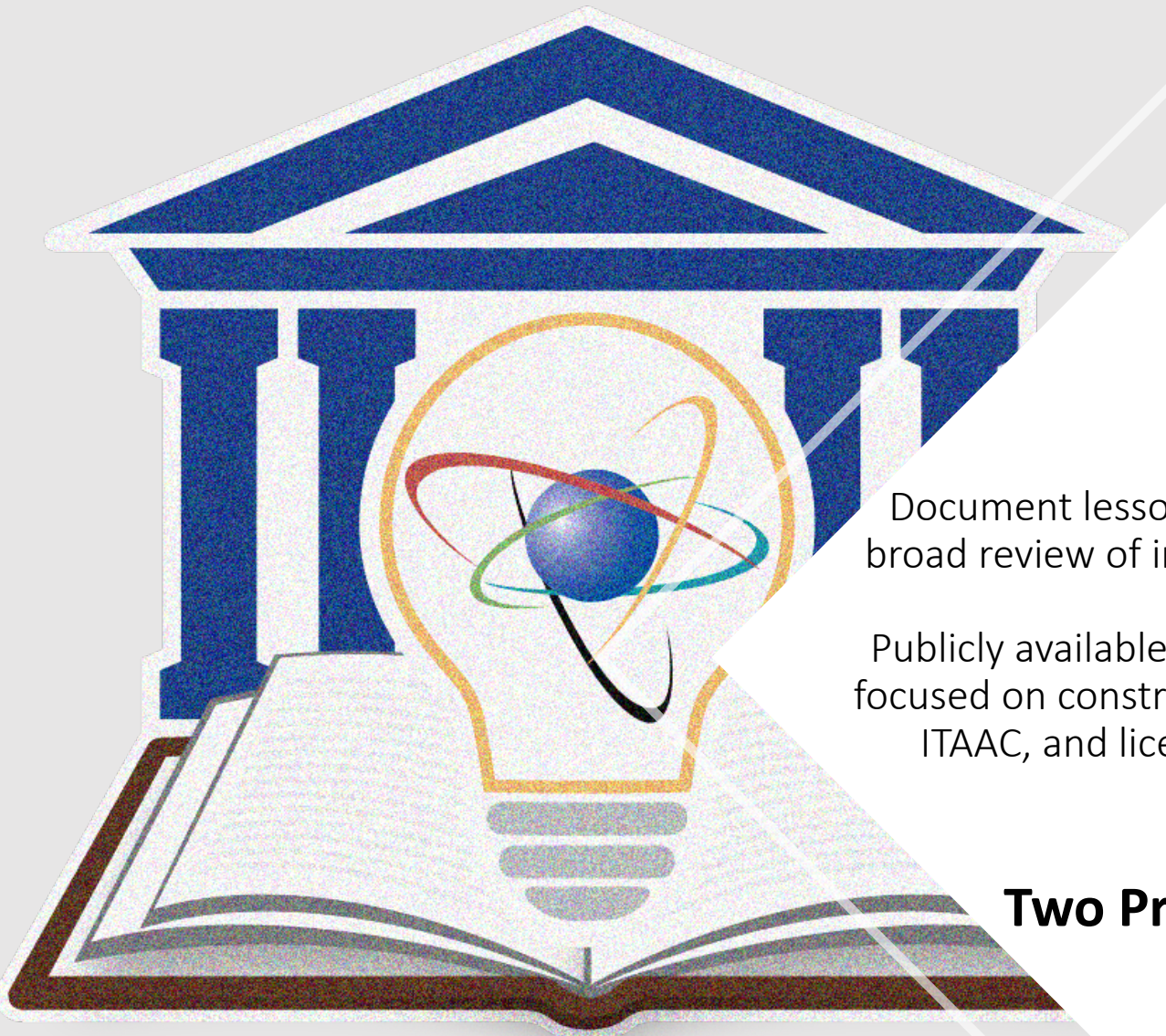


Part 52 Lessons Learned Construction Initiative





Document lessons learned for a broad review of internal processes

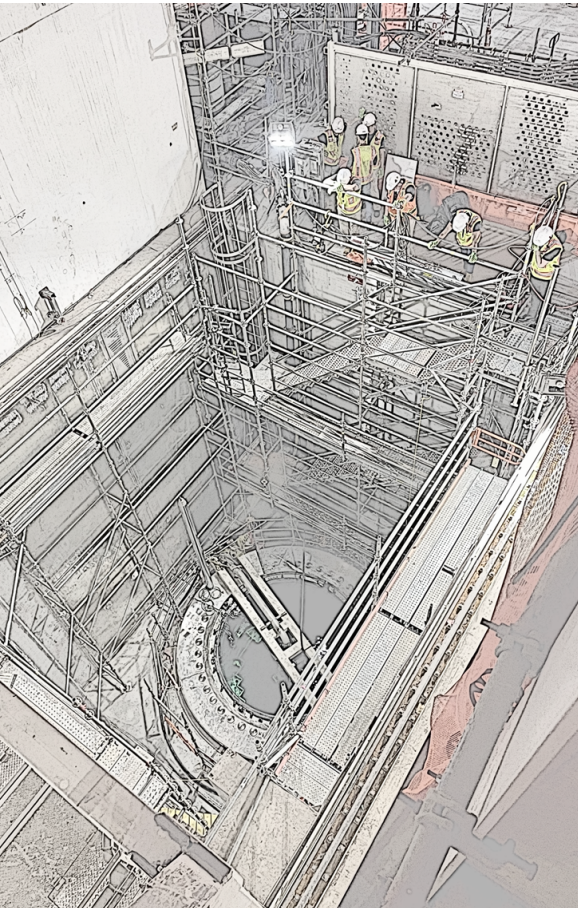
Publicly available summary report focused on construction inspection, ITAAC, and licensing insights

Two Products

NUCLEPEDIA
Knowledge Resource of the USNRC

SCHEDULE

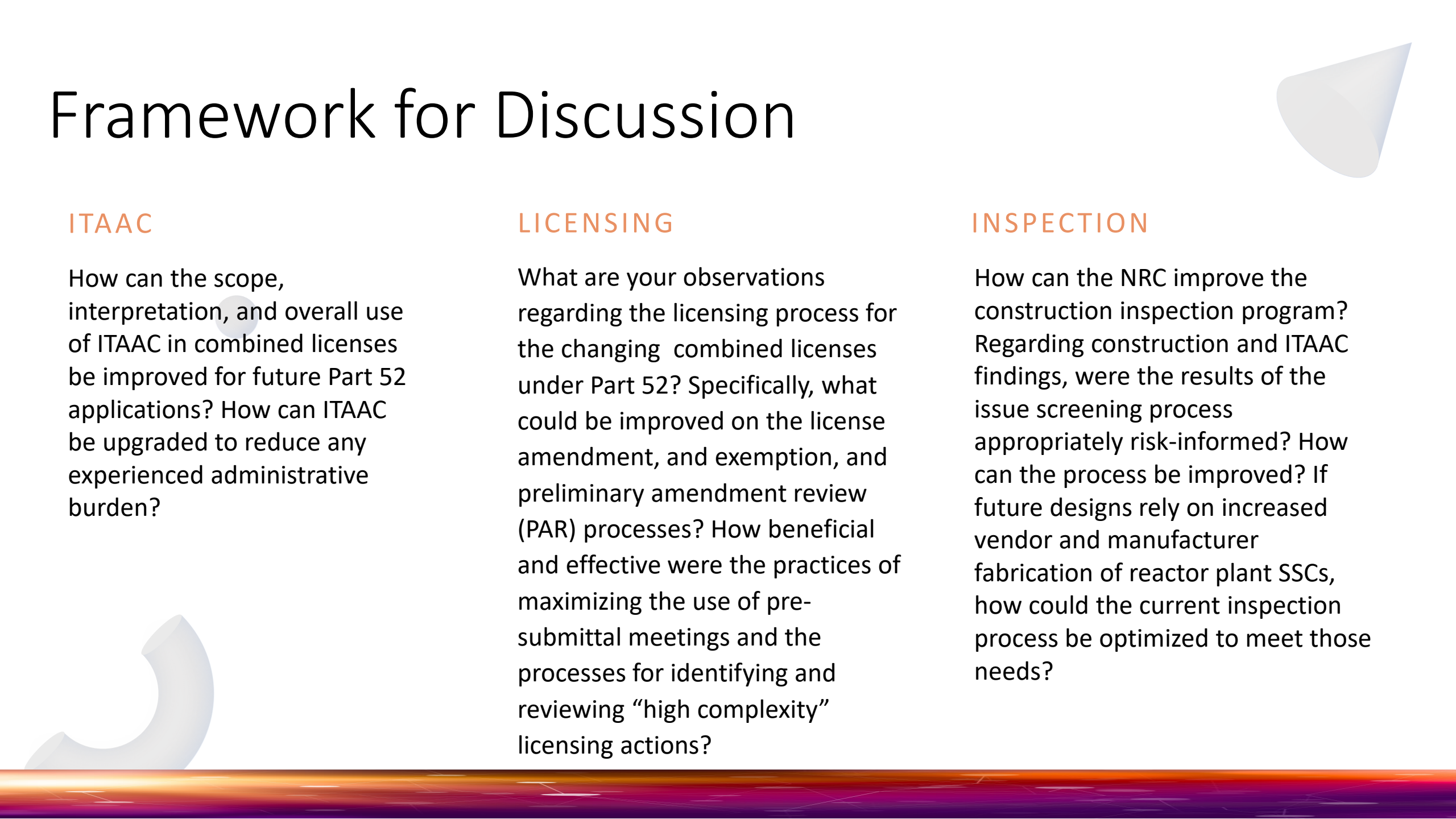
The staff's lessons learned charter (ADAMS Accession No. [ML21160A031](#)) contains the milestones for this effort.



PROPOSED PROJECT PLAN

Activity	Target Date	Estimated Level of Effort
<u>Introduce Lessons-Learned Initiative to the NRC staff:</u> Introduce the initiative to supporting organizations. Vogtle Readiness Group meetings and other internal communications may be used.	July 16, 2021	24 hours
Develop and Issue Charter	July 30, 2021	40 hours
<u>Introduce Lessons-Learned Initiative at a Routine Public Meeting:</u> Discuss the draft charter and intention to collect feedback from the public	August 30, 2021	40 hours (includes staff support during meeting)
<u>Conduct Public Meeting #1:</u> Interactive workshop for stakeholders to provide areas for potential improvement for the 10 CFR Part 52 construction program. Present and gather preliminary ideas for further consideration.	Within 2 months following Unit 3's 10 CFR 52.103(g) finding	40 hours
Complete Nuclepedia updates for Unit 3 up through the 10 CFR 52.103(g) finding	Within 4 months following Unit 3's 10 CFR 52.103(g) finding	Approx. 24 hours per topic
Complete Nuclepedia updates for Unit 3 through commercial operations	Within 3 months following Unit 3's commercial operations	
<u>Issue Unit 3 Summary Report:</u> This is a summary report from the information provided in Nuclepedia for construction inspection, ITAAC, and licensing insights.	Within 2 months following the Nuclepedia updates for Unit 3	200 hours (includes management and legal review)
<u>Conduct Public Meeting #2:</u> Present conclusions from Unit 3 lessons-learned summary report	Within 1 month of Unit 3 summary report issuance	40 hours
Complete Nuclepedia updates for Unit 4 up through the 10 CFR 52.103(g) finding	Within 3 months following Unit 4's 10 CFR 52.103(g) finding	200 hours
Complete Nuclepedia updates for Unit 4 through commercial operations	Within 3 months following Unit 4's commercial operations	
<u>Issue addendum to summary report with Unit 4 experience, if necessary:</u> This is an addendum to the Unit 3 summary report with Unit 4 insights.	Within 4 months following Unit 4's commercial operations	100 hours (includes management and legal review)

Framework for Discussion



ITAAC

How can the scope, interpretation, and overall use of ITAAC in combined licenses be improved for future Part 52 applications? How can ITAAC be upgraded to reduce any experienced administrative burden?

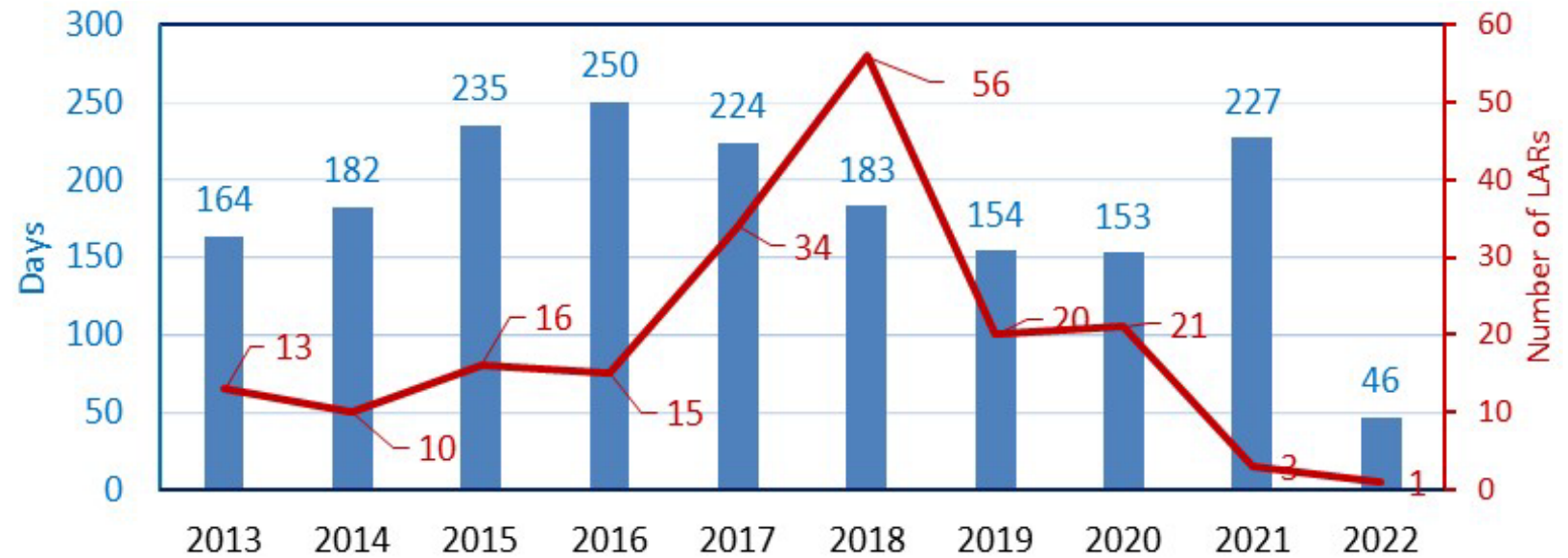
LICENSING

What are your observations regarding the licensing process for the changing combined licenses under Part 52? Specifically, what could be improved on the license amendment, and exemption, and preliminary amendment review (PAR) processes? How beneficial and effective were the practices of maximizing the use of pre-submittal meetings and the processes for identifying and reviewing “high complexity” licensing actions?

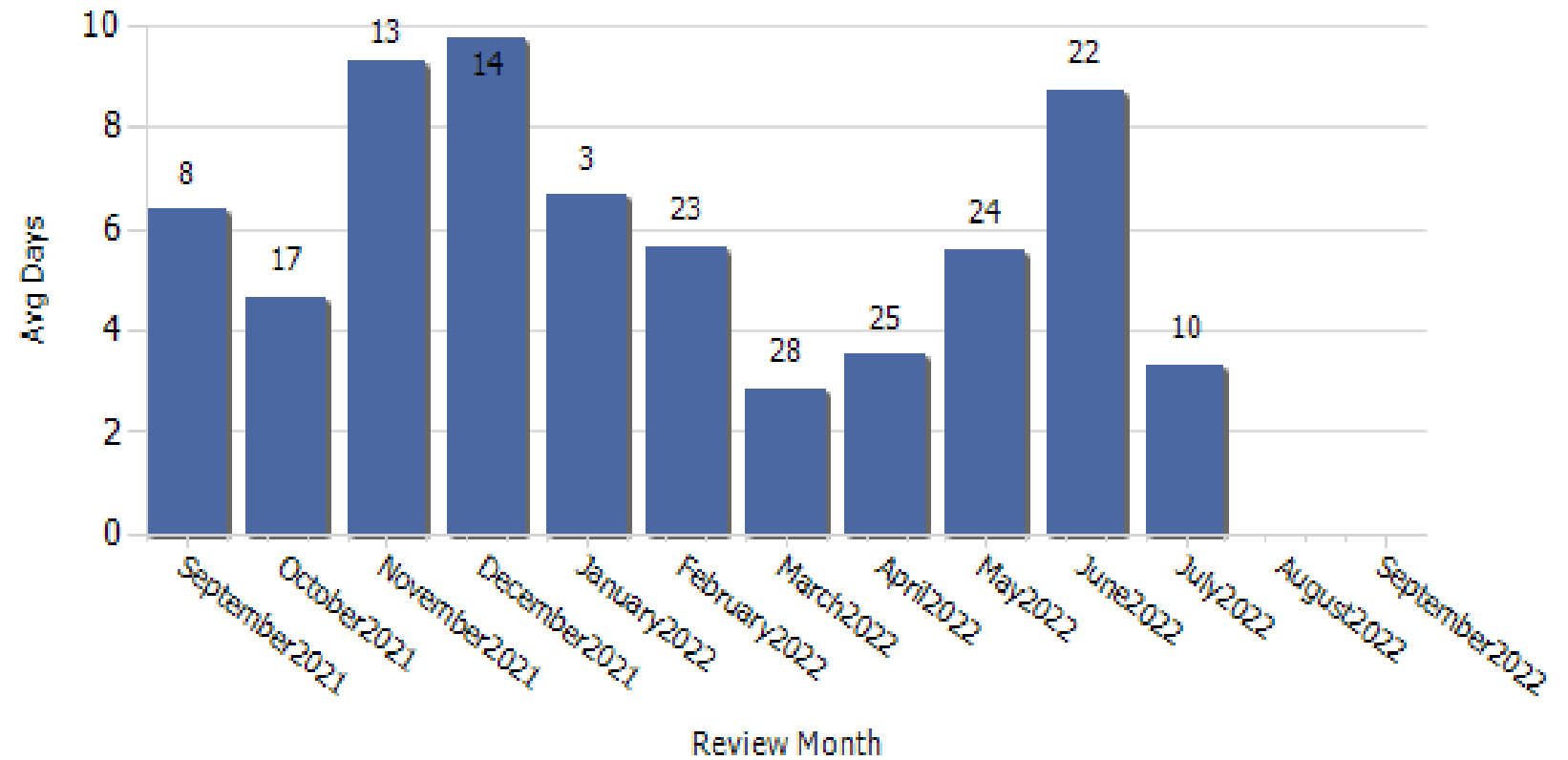
INSPECTION

How can the NRC improve the construction inspection program? Regarding construction and ITAAC findings, were the results of the issue screening process appropriately risk-informed? How can the process be improved? If future designs rely on increased vendor and manufacturer fabrication of reactor plant SSCs, how could the current inspection process be optimized to meet those needs?

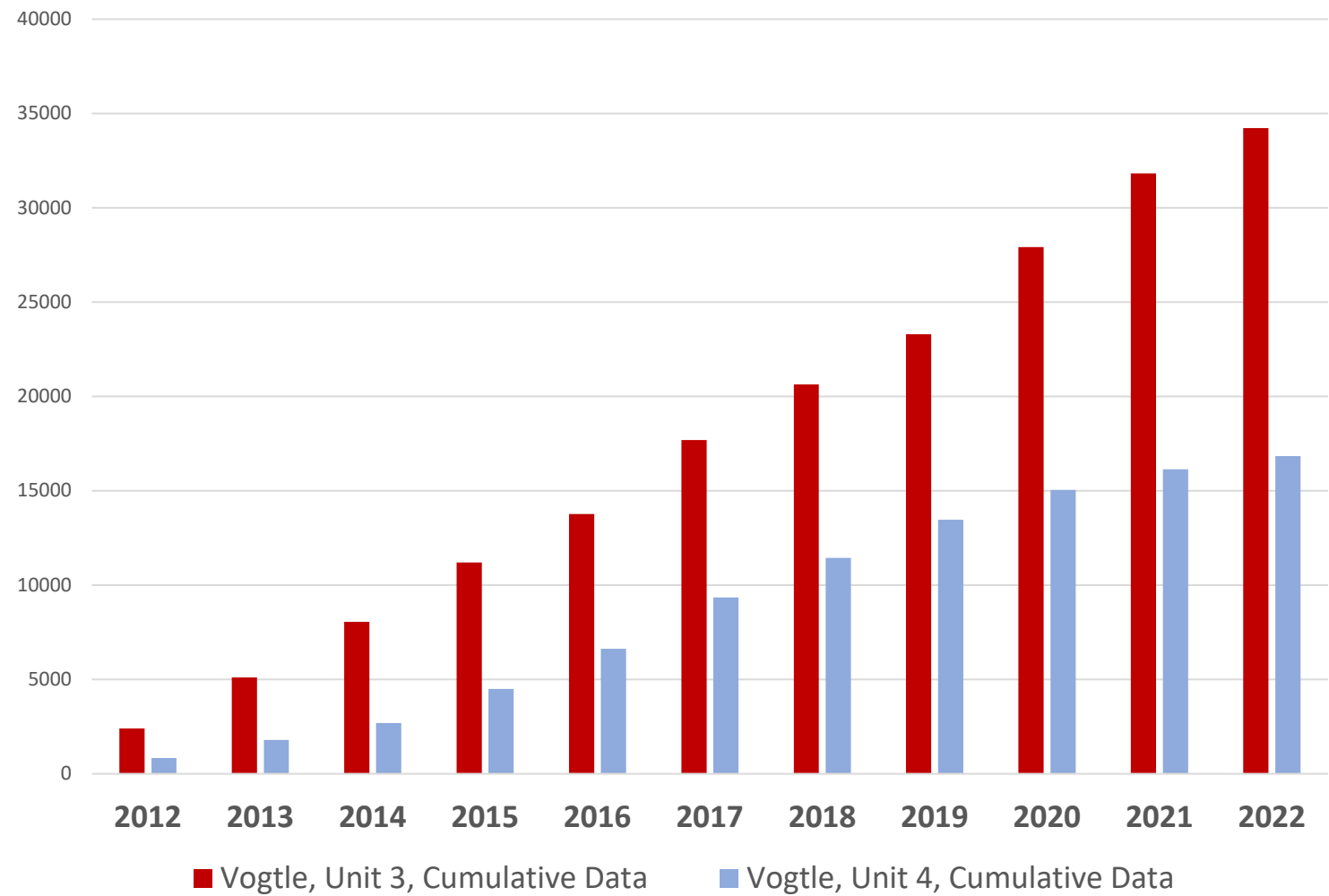
Days to
complete
Vogtle 3
and 4 LARs



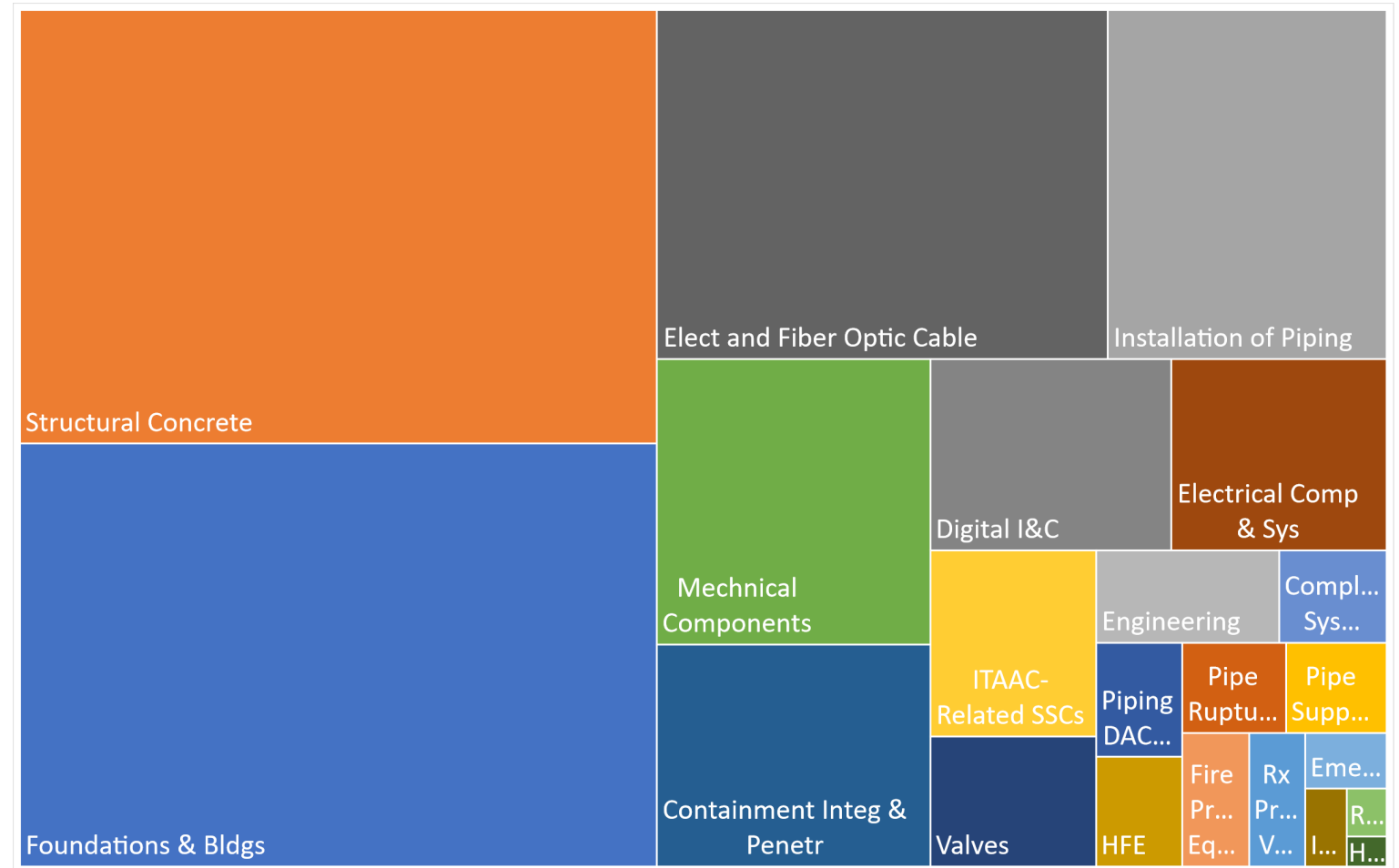
ICN
average
days in
review



Total
cumulative
direct
inspection
hours



Inspection Procedures ranked by hours



Questions and Discussions

