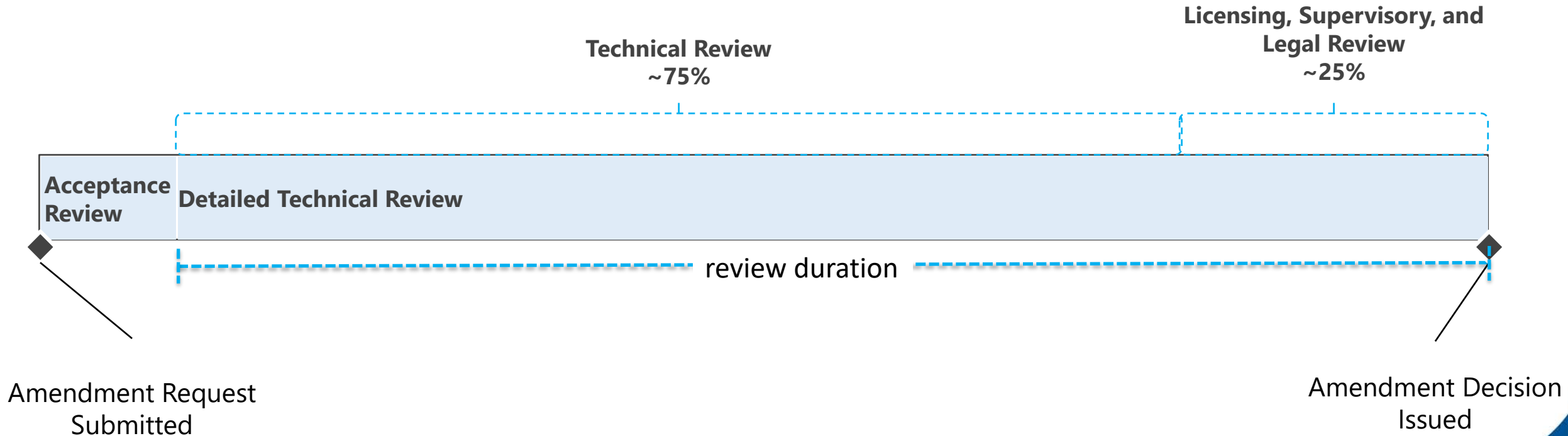


# Review Planning and Tentative Review Timeline

Pre-Application Meeting with NextEra/FPL re Planned  
Turkey Point Digital Instrumentation and Controls  
License Amendment Request

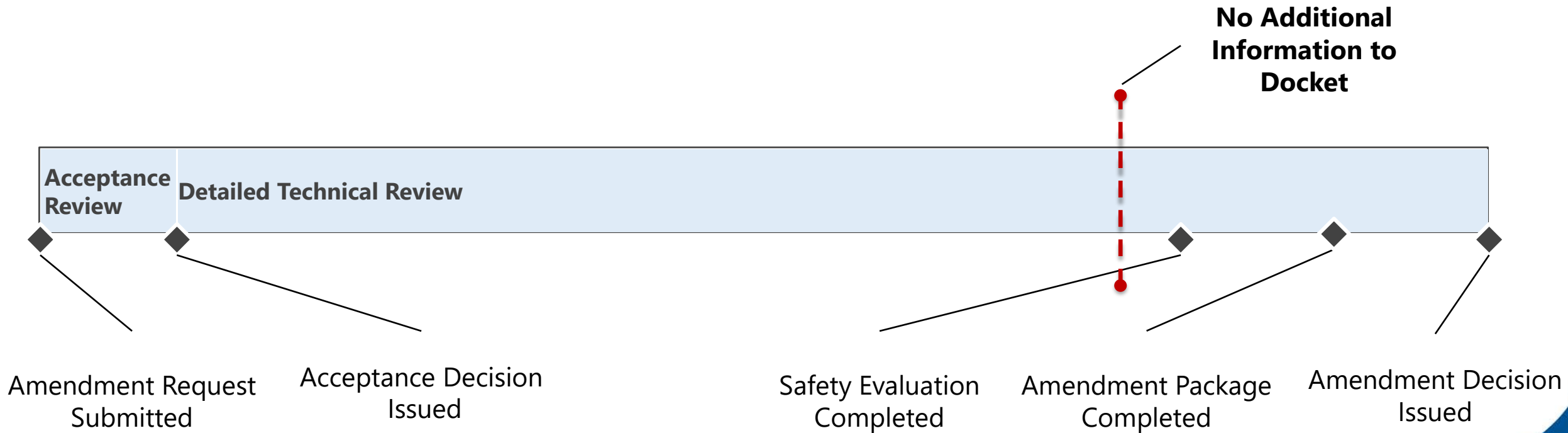
April 13, 2022

# Typical\* License Amendment Request Review Timeline



\* Typical for reviews using a consolidated safety evaluation.

# Typical\* License Amendment Request Review Timeline



\* Typical for reviews using a consolidated safety evaluation.

# Planned Review (i.e., Work) Breakdown Structure

For Planned Turkey Point Digital I&C License Amendment Request

Review Element	Review Branches
Technical Specification Review	STSB, EICB, ELTB, SNSB
System Architecture Review	EICB, ELTB
Fundamental Design Principles Review	SNSB, EICB, ELTB, IOLB, NPHP, EMIB
Equipment Qualification Review	EICB, ELTB
Digital I&C System Development Processes Review	EICB, ELTB
Referenced Topical Report Application Review	EICB, ELTB
IEEE Std 603-1991 and 7-4.3.2-2003 Conformance Reviews	EICB, ELTB
Secure Development and Operational Environment Review	EICB, ELTB
Human Factors Consideration Review	IOLB
Vendor Oversight Plan Summary Review	IQVB, ELTB

# Planned Review (i.e., Work) Breakdown Structure

For Planned Turkey Point Digital I&C License Amendment Request

Review Element	Mapping to Enclosure B*
Technical Specification Review	D.7.1
System Architecture Review	D.1.1, D.2.1.1, D.2.2.1, D.2.3.1, D.2.4.1, D.2.5.1
Fundamental Design Principles Review	D.2.6.1
Equipment Qualification Review	D.3.1
Digital I&C System Development Processes Review	D.4.1
Referenced Topical Report Application Review	D.5.1
IEEE Std 603-1991 and 7-4.3.2-2003 Conformance Reviews	D.6
Secure Development and Operational Environment Review	D.8.1
Human Factors Consideration Review	n/a, NUREG-0711 adjusted for MSV approach
Vendor Oversight Plan Summary Review	C.2.2

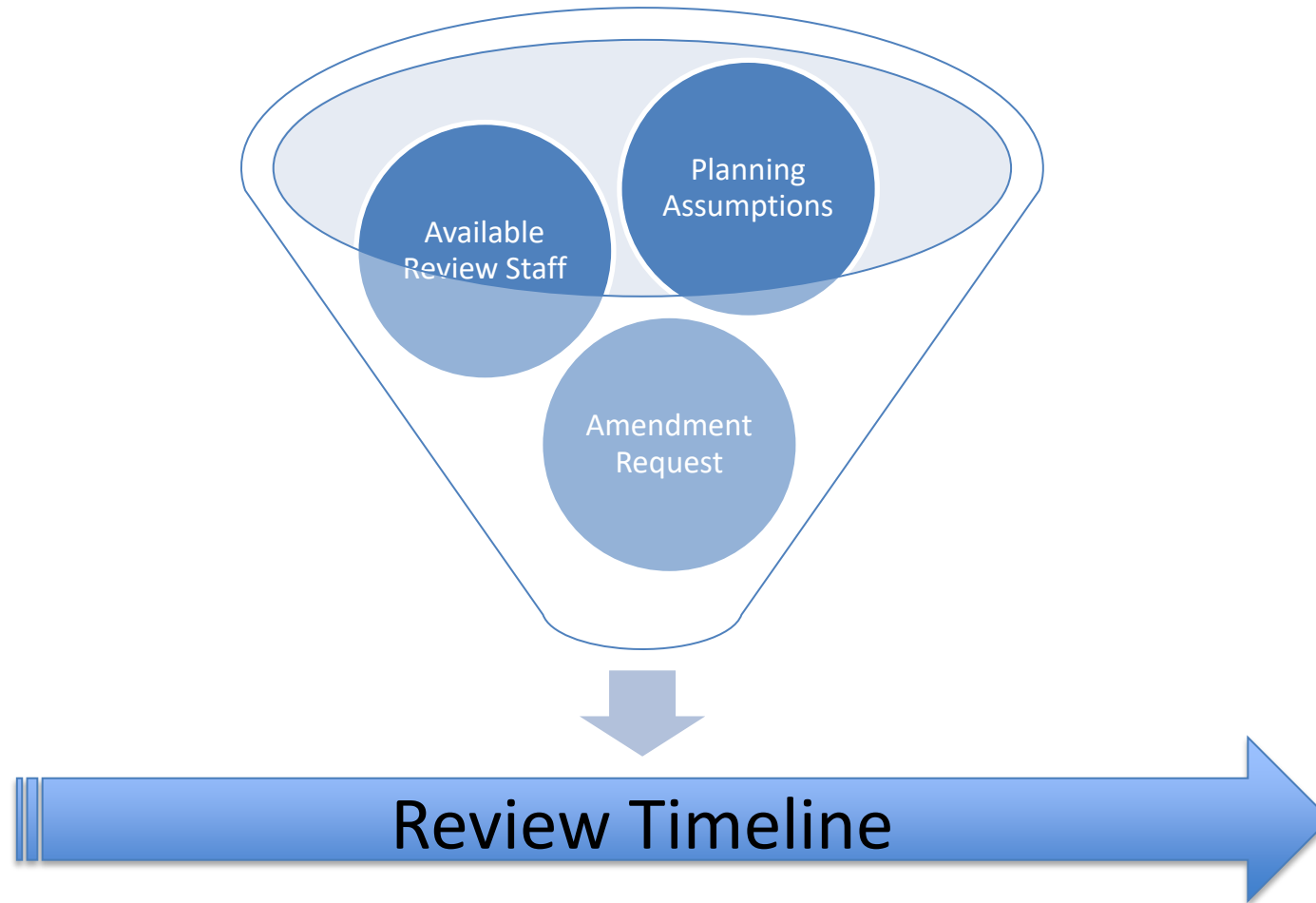
\* Enclosure B of ISG-06 provide pointers to the section of ISG-06 that describe information to be provided by Licensee.

# Planned Review (i.e., Work) Breakdown Structure for Technical Review

- Planned technical review structure is based primarily on alternate review process described in ISG-06
- Amount of work in elements of review structure will vary from license amendment to license amendment based on scope and content of request
- Additional elements may be added based on scope and content of request

# 24 Month Tentative\* Review Timeline

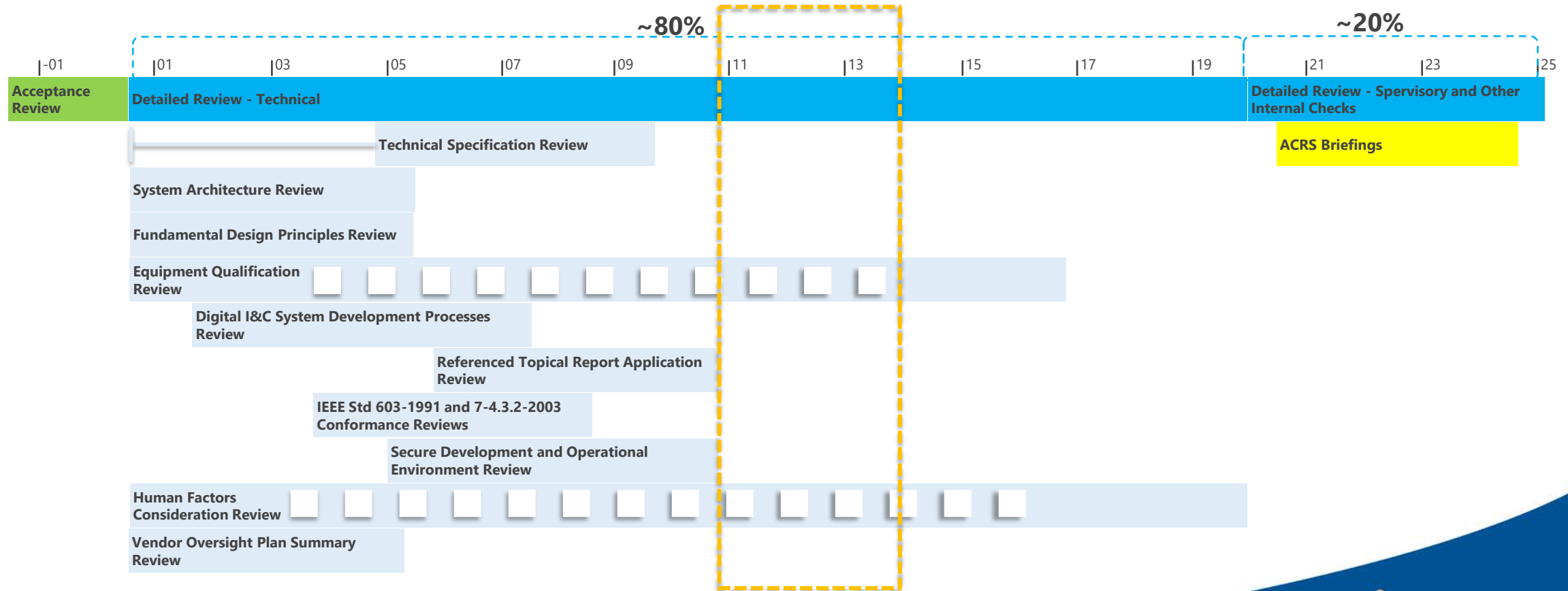
For Planned Turkey Point Digital I&C License Amendment Request



\* Actual review timeline will be developed during acceptance review of the amendment request.

# 24 Month Tentative\* Review Timeline

For Planned Turkey Point Digital I&C License Amendment Request

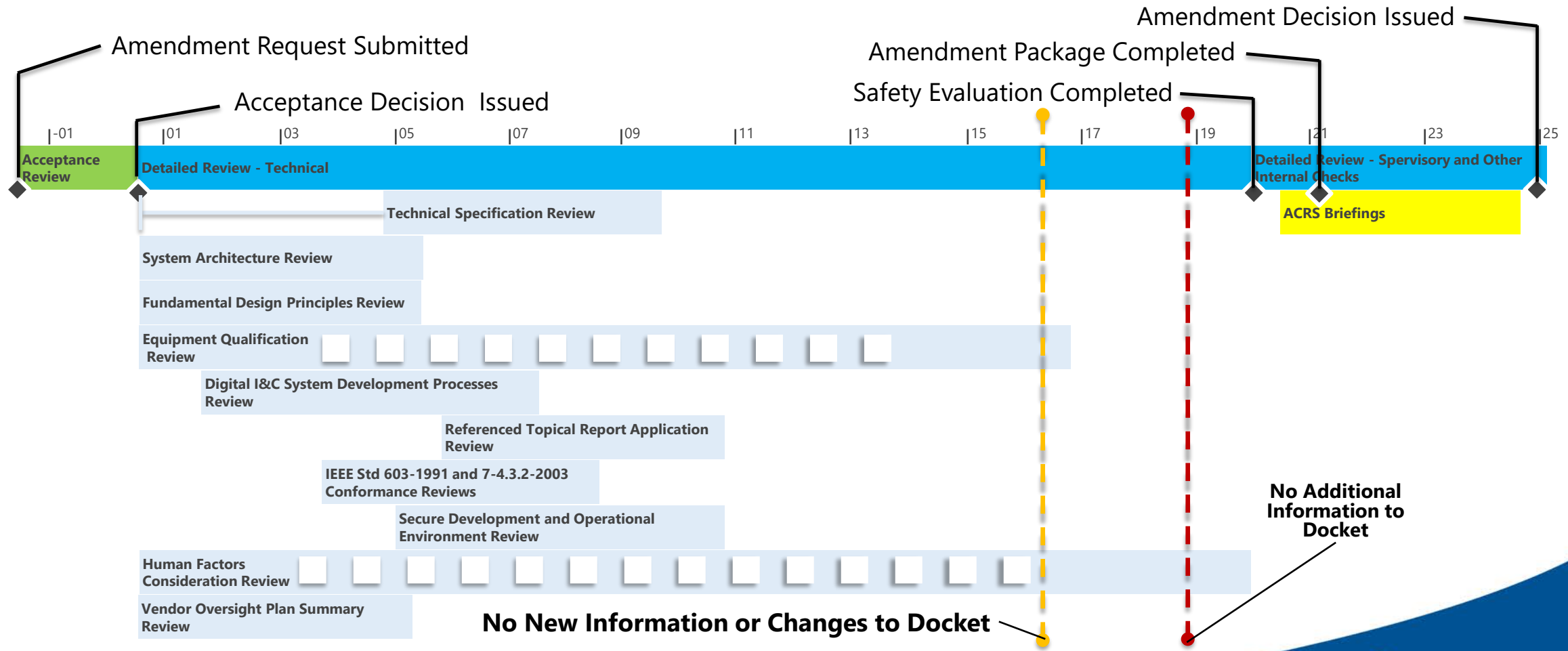


\* Actual review timeline will be developed during acceptance review of the amendment request.



# 24 Month Tentative\* Review Timeline

For Planned Turkey Point Digital I&C License Amendment Request



\* Actual review timeline will be developed during acceptance review of the amendment request.

# 24 Month Tentative\* Review Timeline

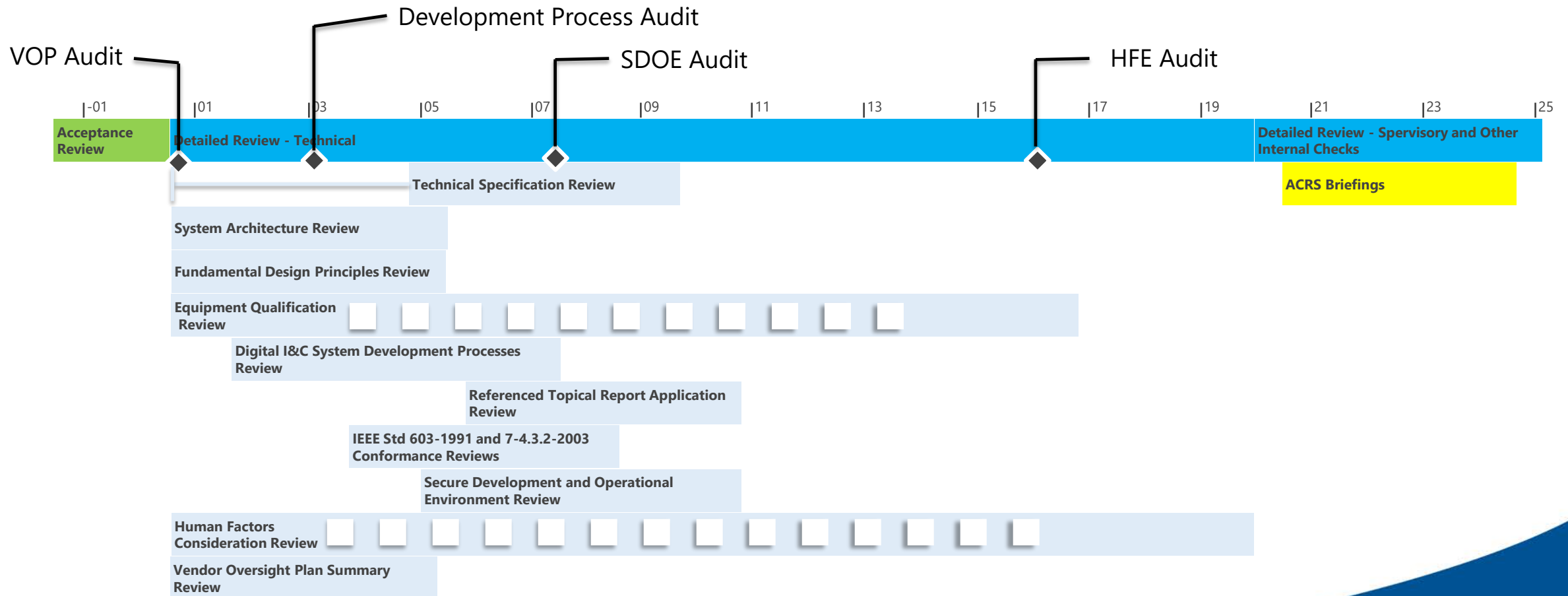
For Planned Turkey Point Digital I&C License Amendment Request

- NRC staff is planning for 10 sets of request for additional information; one set for each review element
- NRC staff is planning for 4 regulatory audits for four review elements
  - Digital I&C System Development Processes Review
  - Secure Development and Operational Environment Review
  - Human Factors Consideration Review
  - Vendor Oversight Plan Summary Review
- NRC staff is planning for 2 rounds of request for additional information for two review elements
  - Equipment Qualification Review
  - Human Factors Consideration Review

\* Actual review timeline will be developed during acceptance review of the amendment request.

# 24 Month Tentative\* Review Timeline

For Planned Turkey Point Digital I&C License Amendment Request



\* Actual review timeline will be developed during acceptance review of the amendment request.

# Review Planning and Tentative Review Timeline



# Acronyms and Initialisms

ACRS - Advisory Committee On Reactor Safeguards  
EICB – Instrumentation and Controls Branch  
ELTB – Long-Term Operations and Modernization branch  
EMIB – Mechanical Engineering and Inservice Testing Branch  
FPL – Florida Power and Light  
HFE – human factors engineering  
I&C – instrumentation and controls  
IEEE – Institute of Electrical and Electronics Engineers  
IOLB – Operator Licensing and Human Factors Branch  
IQVB – Quality Assurance and Vendor Inspection Branch  
ISG – interim staff guidance  
NPHP – Piping and head Penetrations Branch  
MSV – multi-stage validation  
SDOE - secure development and operational environment  
SNSB – Nuclear System Performance Branch  
Std - standard  
STSB – Technical Specification Branch  
VOP – vendor oversight plan