



**License Renewal Pre-Application
Coordination Meeting #1
River Bend Nuclear Generating Station,
Unit 1
(RBNGS 1)
April 25, 2017**

Emmanuel Sayoc, Safety Review Project Manager



Agenda

- Introductions
- Review process overview
- Application requirements overview
- Staff recommendations overview
 - Logistical considerations
 - Application
 - Site Information
 - Application of lessons learned
- Review schedule overview
- Second Pre-application coordination meeting overview



Contact Information

Safety Project Manager

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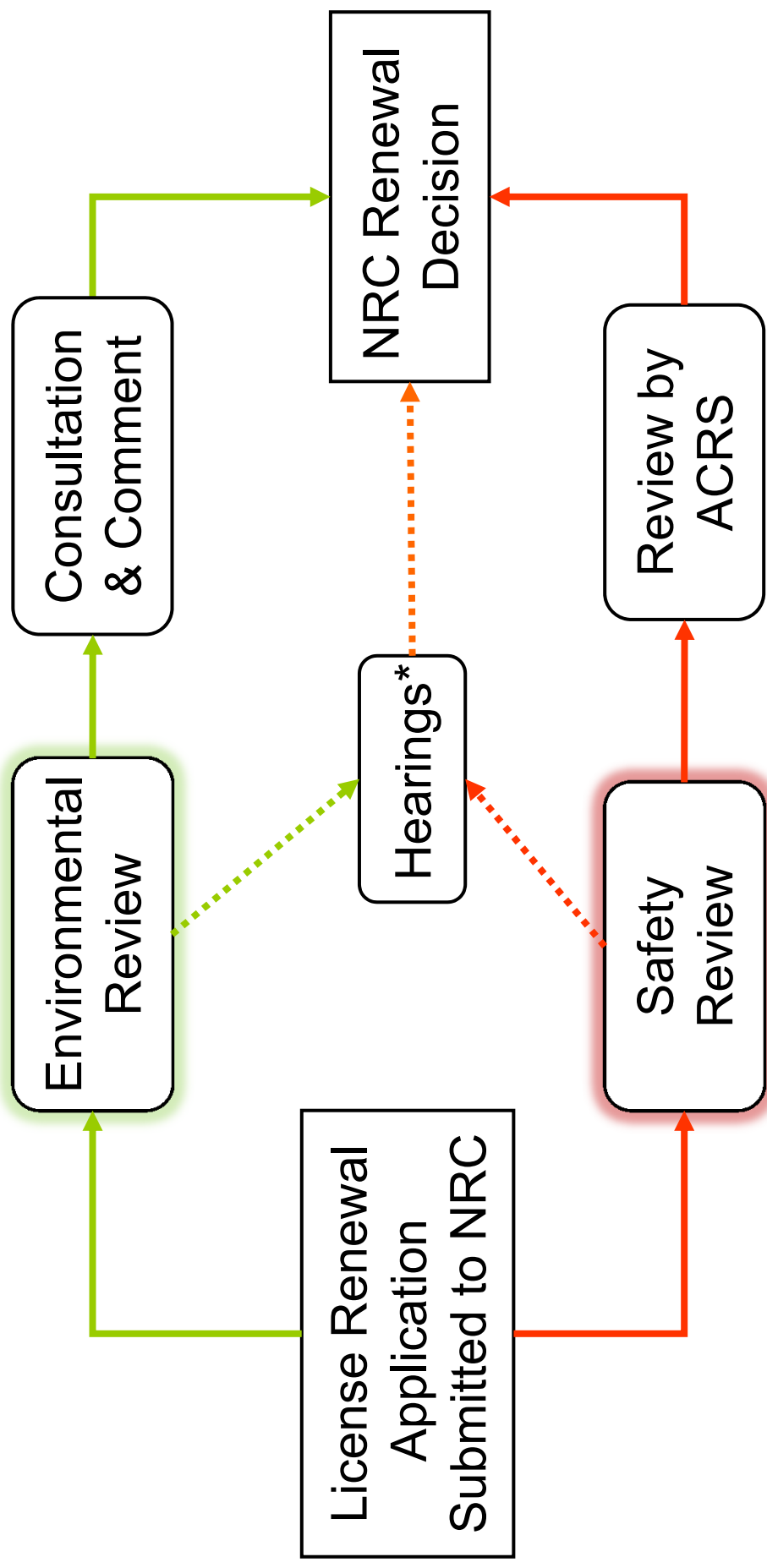
Environmental Project Manager

TBD



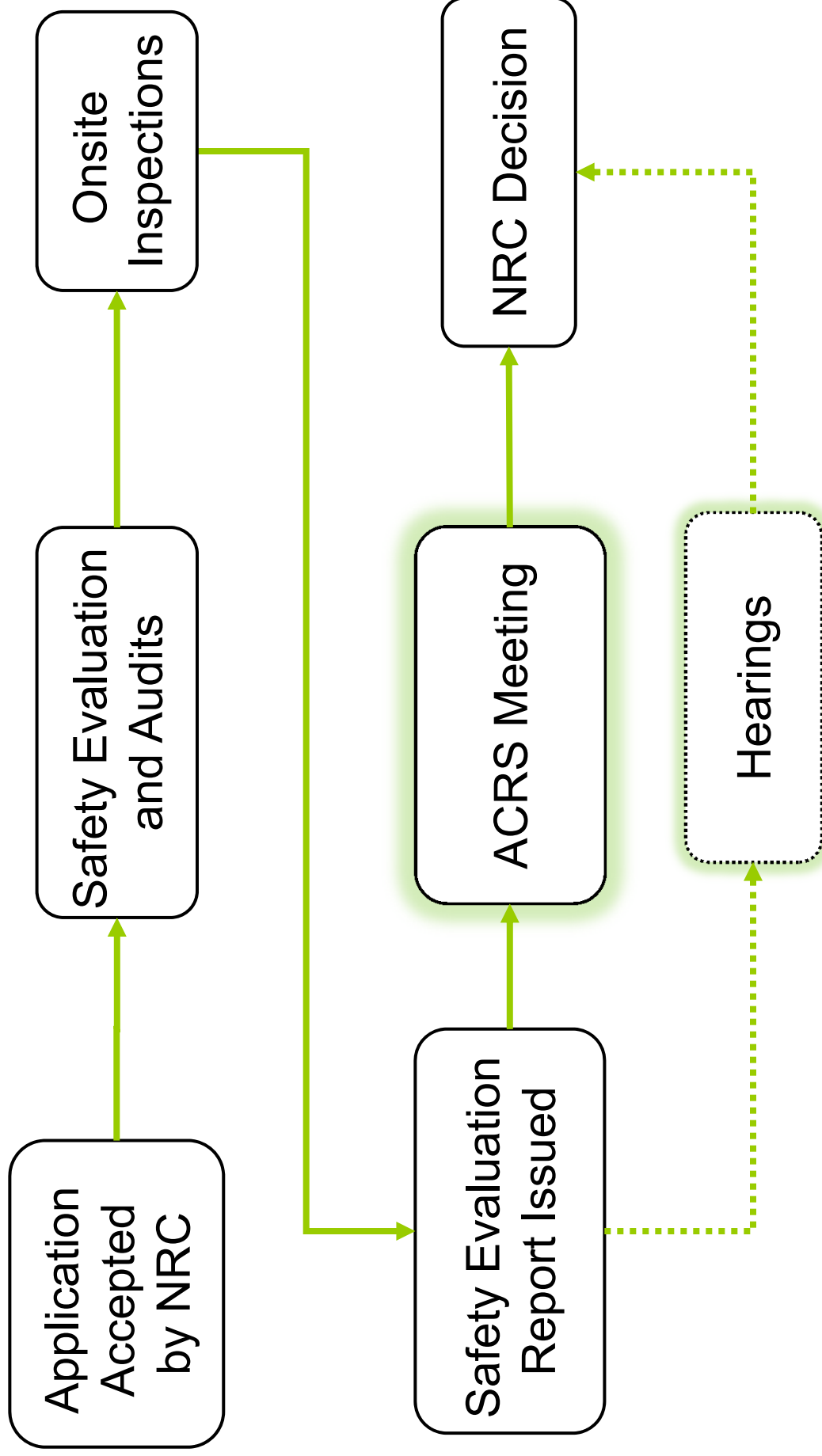


License Renewal Process

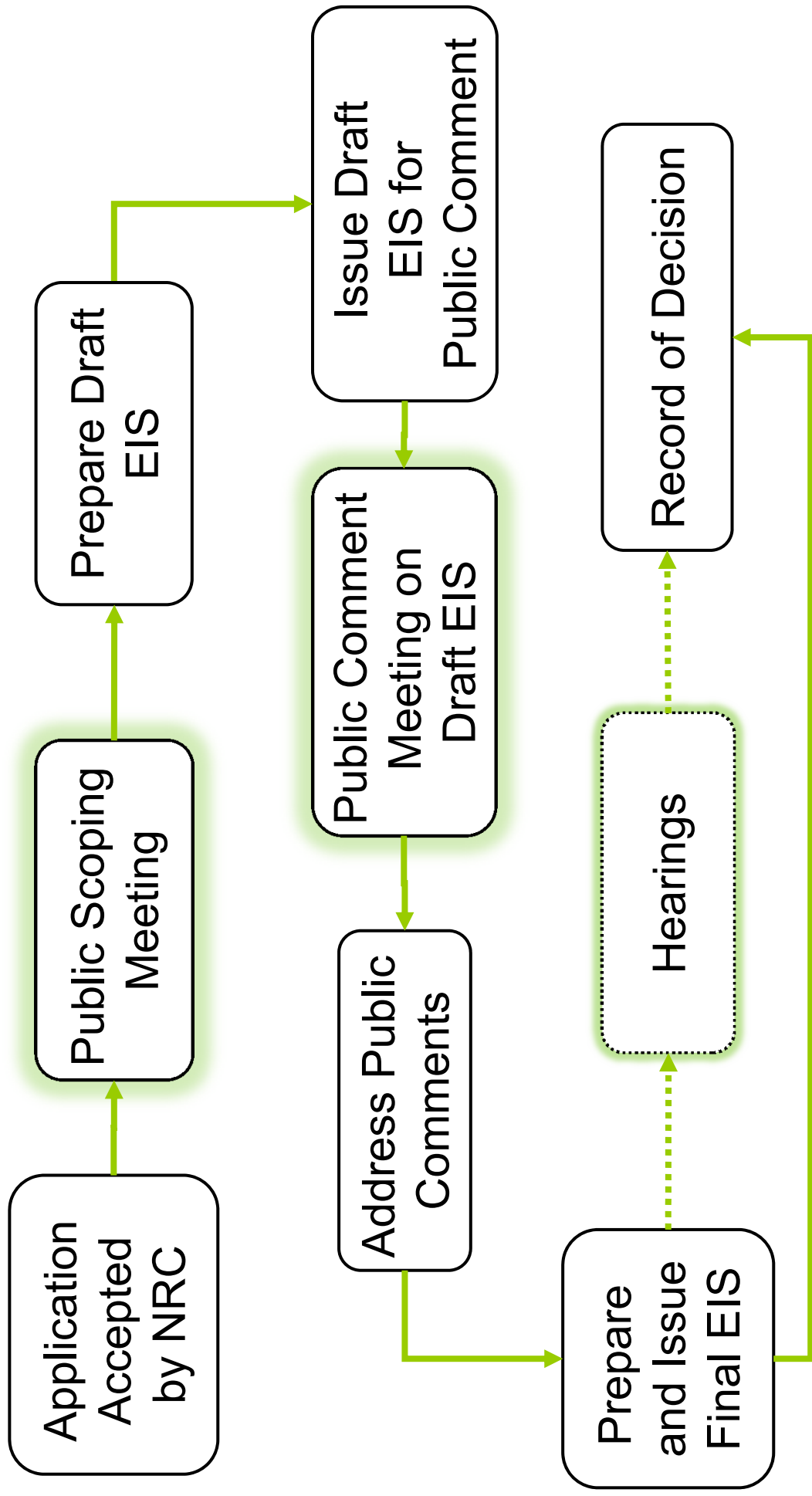


* If a Request for Hearing is Granted

Safety Review



Environmental Review





The Application & Supporting Documents

- Letter to the Document Control Desk with a CD application
- The Application and Appendices
 - 3 hard copies
 - 50 CDs with Application and Appendices w/ active links, FSAR, Drawings
- Drawings
 - 1 CD
 - 4 hard copy 18"x22" w/ no SGI
- AMR table 2 items in MS Excel file



Logistical Considerations

- NRC requests recommendations and contact info for the following:
 - Public Meeting Venue
 - Public Libraries
 - Local Publications and News Papers
 - Hotel and Lodging
- Portal Set Up for review of docs
 - To be live after acceptance review



Application Overview

NRC requests a brief on the application:

- Application main sections
- Aging Management Programs (AMP)
 - Break Down
 - New or existing
 - Consistent
 - Exceptions
 - Enhancements
 - Plant specific
 - Site unique programs
- Time Limited Aging Analysis (TLAA)



Site Information

- Major plant modifications that could affect the safety or environmental review
- Identify the 15 most risk significant systems/components



Lessons Learned

NRC requests that Entergy incorporate procedural and logistical lessons learned

- Document portal
- Communication with corporate and site organizations
- Audit Support
- RAI content and logistics



Lessons Learned

Review safety technical issues from previous applications, apply lessons learned:

- Fluence levels and modeling
- Concrete alkali–silica reaction
- Selective leaching of aluminum bronze
- Condition of reactor vessel head closure studs

Lessons Learned

Review safety technical areas of interest in previous applications, apply lessons learned (as applicable):

- Electrical cables water submerged in underground manholes
- Boraflex degradation in spent fuel pool storage
- Containment liner degradation
- Insufficient small bore weld inspection sample sizes
- Reactor Pressure Vessel (RPV) capsule removal schedule not technically justified
- Insufficient environmentally-assisted fatigue methodology
- Insufficient description, Reactor Vessel Surveillance AMP
- Insufficient TLAAAs on RPV materials not in beltline
- Insufficient description, EQ of electrical cables AMP
- Insufficient description, bolting integrity (air filled sys.) AMP



Review Schedule

- Provide regular updates on application submission
- Nominal review schedule – 22 months (no hearings)
- Staff is working on optimization initiatives in schedule and safety evaluation report development
- Safety and Environmental PMS will provide a schedule



Next Meeting

Coordination Meeting #2 (May 2017)

- Public meeting
 - HQ PM and technical staff
 - Licensee
 - Regional and Resident Staff
- Licensee to provide overview of application and items from this meeting



Questions?