



Watts Bar 2 Construction Project 2009 Annual Assessment

April 20, 2010

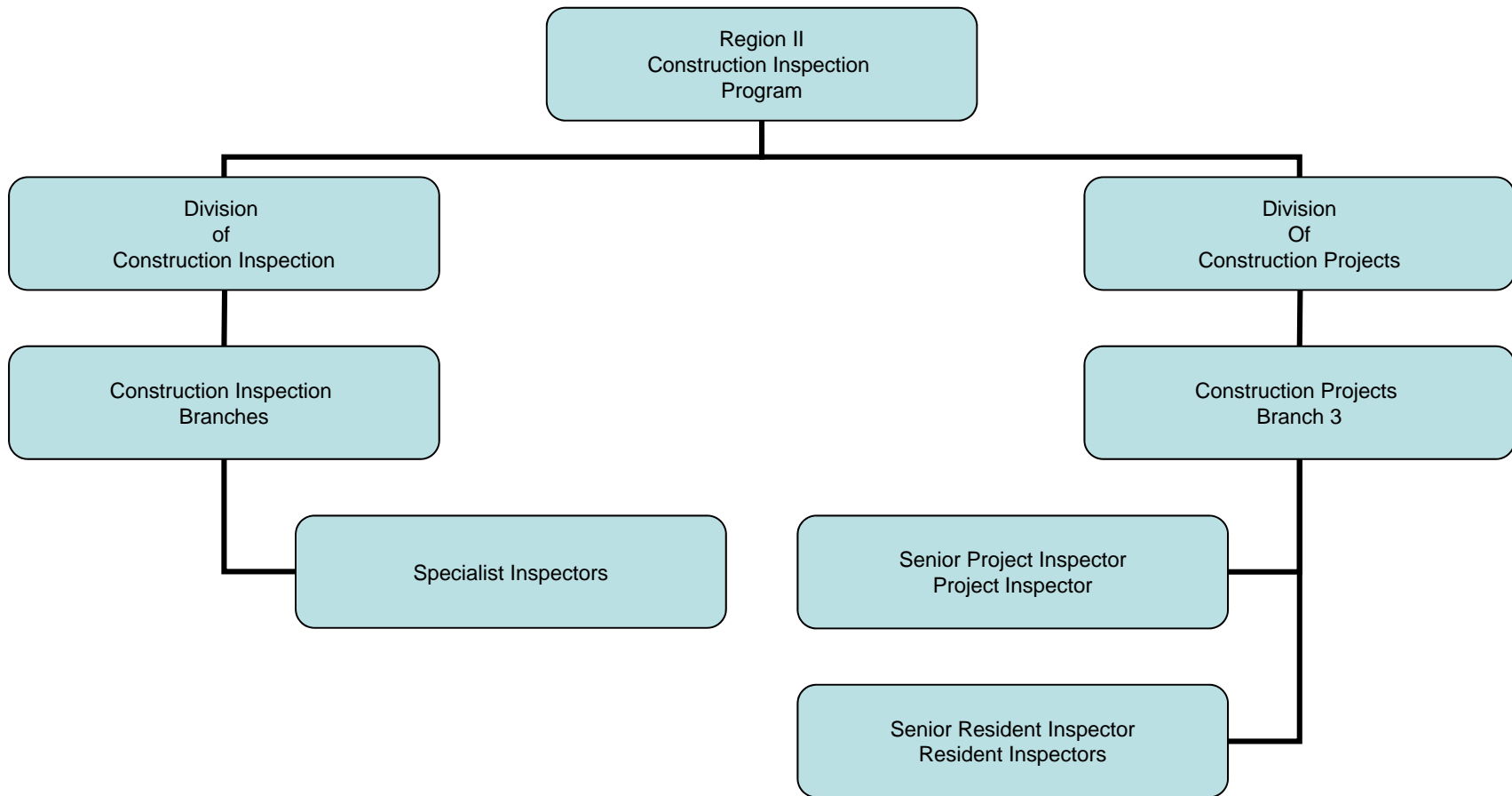
Purpose of Meeting

- Discuss the NRC's 2009 annual assessment of the Watts Bar 2 construction project.
- Provide an overview of the construction inspection program for Watts Bar 2.
- Introduce Resident Staff
- Respond to questions and comments from the public.

Background

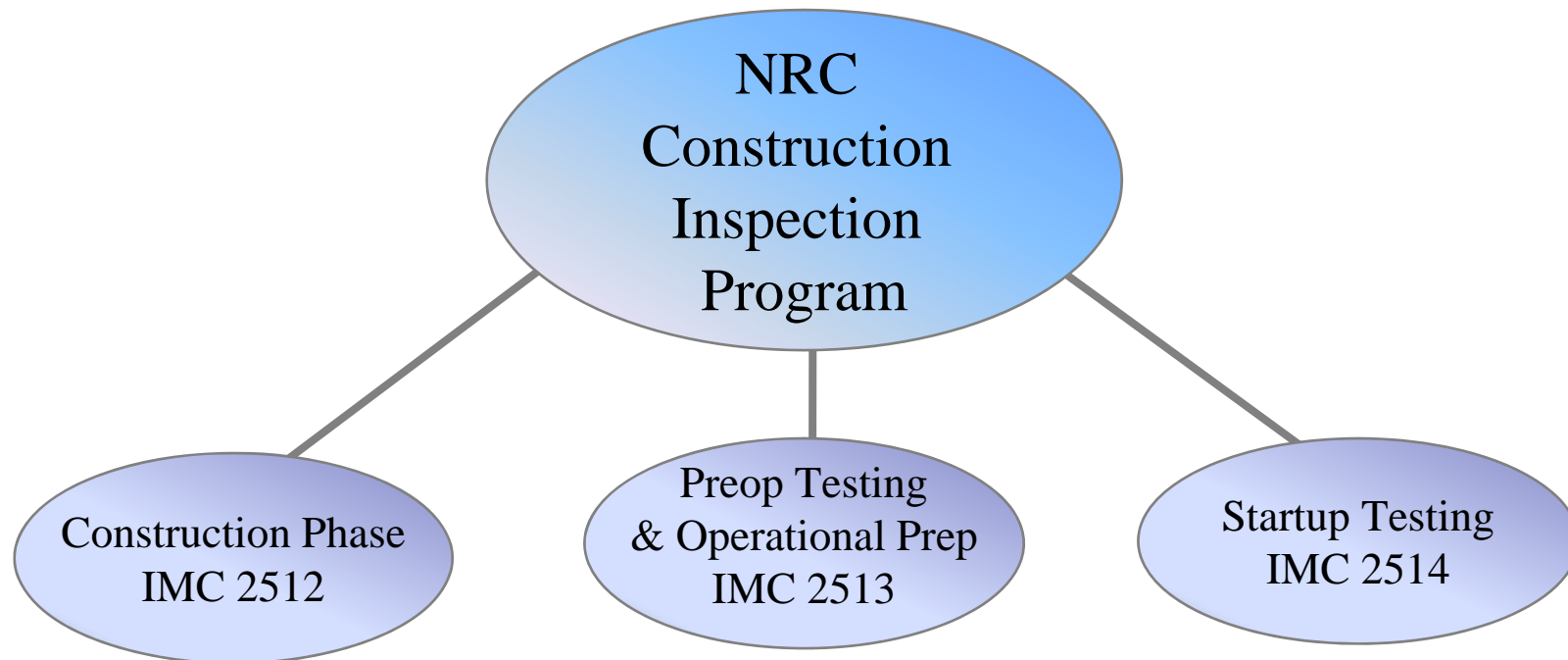
- 1985; TVA suspended construction of Watts Bar Unit 2.
- 1990-1995; TVA concentrated on construction of Unit 1 and addressed quality issues on Unit 1.
- July 2000; TVA informs NRC that Unit 2 is in a deferred status in accordance with Commission Policy Statement
- August 3, 2007; TVA informed NRC of its plan to resume construction of Watts Bar Unit 2.
- July 7, 2008, the NRC issued an Order extending the Watts Bar Unit 2 construction permit completion date to March 31, 2013.

Construction Inspection Organization

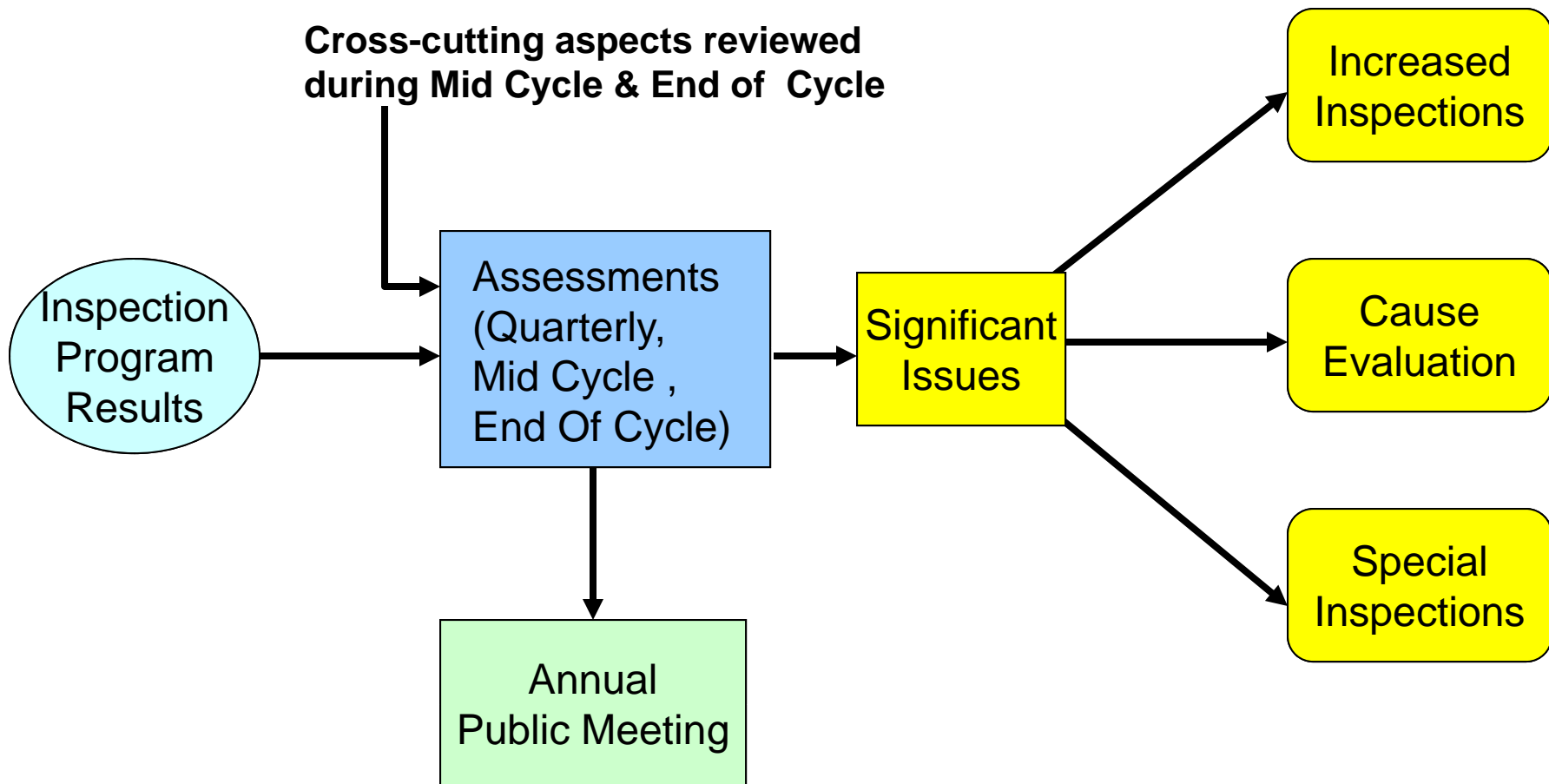


Construction Inspection Program

- IMC 2517, Watts Bar Unit 2 Construction Inspection Program, supplements traditional inspection program



Assessment Process



Scope of Inspections in 2009

- Completed four quarterly inspections; in addition to three resident inspectors, 11 regional inspectors conducted inspections for one or more weeks in 2009.
- Completed Problem Identification and Resolution Inspection in June 2009.
- Completed Engineering Document Inspection in August 2009
- Key areas of 2009 inspections; quality assurance program; TVA's oversight of contractors; procedure and program development; training and qualification of key personnel; procurement; and actual construction activities.

Inspection Program Results

- Overall the inspections concluded that TVA's program and procedures were adequate to support ongoing construction activities.
- With the exception of two severity level IV violations, construction activities were performed in accordance with NRC regulations and requirements.
- The corrective program was generally effective in identifying, classifying, and resolving problems.

Watts Bar Unit 2 Resident Inspectors



Bill Bearden - Senior Resident Inspector



Tomy Nazario – Resident Inspector



Russ Lewis – Resident Inspector



Ken Miller – Resident Inspector

Upcoming Inspection Activities

- Continue to inspect activities specified in IMC 2512
- Inspect “Refurbishment” activities
- Inspect “Other Areas”
 - Corrective Action Programs (CAPs)
 - Special Programs (SPs)
 - Generic Communication items
 - Open Items
- Perform Problem Identification and Resolution inspection.
- Perform Engineering Inspection



QUESTIONS?