



Nuclear

Browns Ferry Nuclear Plant

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Joe Grimes
Chief Nuclear Officer



Discussion Points

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Opening Remarks

Joe Grimes

Performance Improvements

Keith Polson

Transition To Excellence

Keith Polson

Sustained Excellence

David Czufin

Closing Remarks

Joe Grimes



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Opening Remarks

Browns Ferry Nuclear Plant:

- Has demonstrated performance improvement.
- Is in transition from performance improvement to excellence.
- Will *sustain* excellence through the performance of the site leadership team and the support of the TVA fleet.
- TVA is committing the necessary resources to achieve sustained excellence at Browns Ferry and across the nuclear fleet.



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Performance Improvements

Recent success as Browns Ferry drives toward sustained excellence:

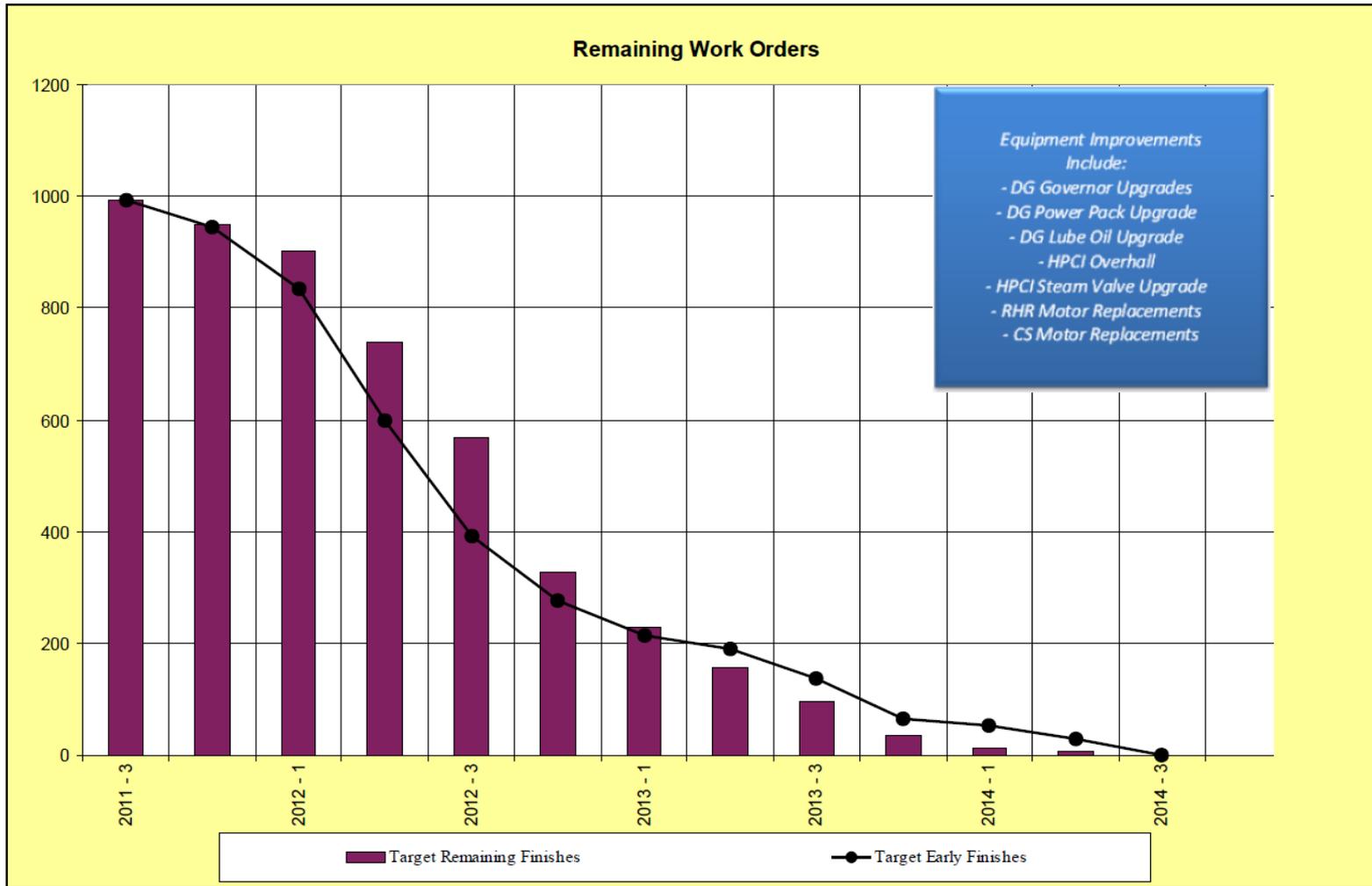
- Improved Safety Culture
- Closed Red Finding and Confirmatory Action Letter
- Completed Successful U3R16 outage
 - Personal safety and human performance
 - Dose: 164 Rem against an original goal of < 200 Rem
 - Demonstrated conservative nuclear safety decision making
- Achieved Improved Safety Systems Equipment Reliability



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Performance Improvements

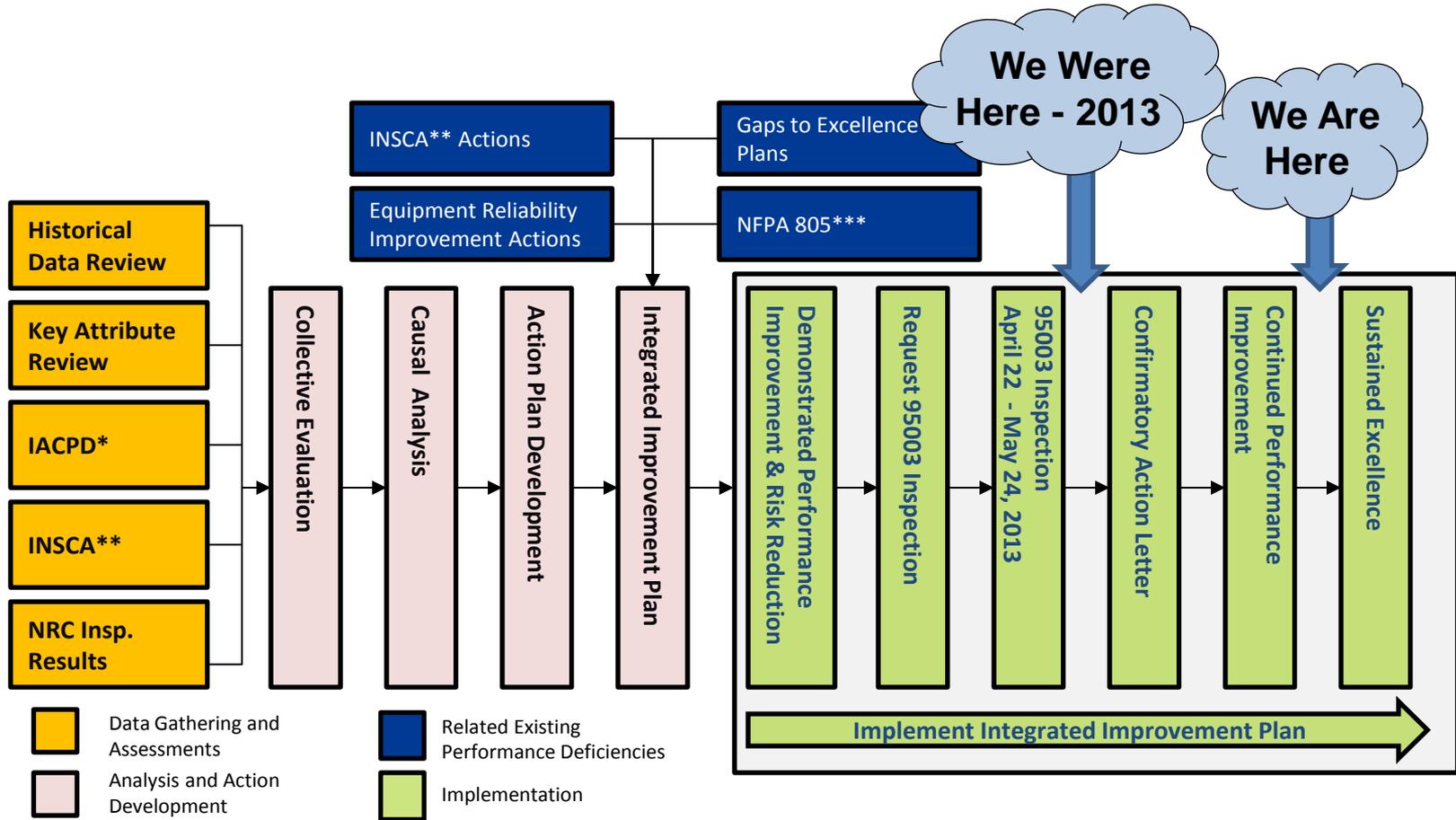
SAFETY SYSTEMS RELIABILITY PLAN





Transition To Excellence

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* Identification, Assessment, & Correction of Performance Deficiencies (IA&CPD)

** Independent Nuclear Safety Culture Assessment (INSCA)

*** National Fire Protection Association 805: Performance-Based Standard for Fire Protection for Light Water Reactor Electric Plants (NFPA 805)



Transition To Excellence

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- Integrated Excellence Plan developed to drive continued nuclear safety culture improvement and ensure sustained performance improvement.
- Procedure and Work Instruction Upgrade
- Operational Focus
- Work Management
- Equipment Reliability
- Training





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Sustained Excellence

- Governance, Oversight, Execution, and Support
- Equipment Reliability
- Independent Oversight



Closing Remarks

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- TVA's goal is *sustained excellence* at all of its nuclear stations.
- TVA has demonstrated meaningful performance improvement at Browns Ferry.
- TVA understands the issues and challenges to maintain sustained excellence at the station.
- TVA is committed to providing the resources needed to achieve sustained excellence at Browns Ferry and across the nuclear fleet.



List of Acronyms

Nuclear

IACPD	Identification, Assessment & Correction of Performance Deficiencies
INSCA	Independent Nuclear Safety Culture Assessment
TVA	Tennessee Valley Authority
U3R16	Unit 3 Refuel Outage 16