



MRP A600 ITG Butt Weld Working Group

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EPRI

A600 Butt Welds

- Background
- Scope of Program
- Related Activities
- Plan To Closure
- Schedule



A600 Butt Welds

Background

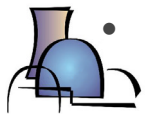
- MRP 44, Part 1 (TP1001491) Interim Safety Assessment...
 - Issued April, 2001
 - Interim Report
 - NRC Review Completed
- Final Report
 - Respond to NRC Comments and RAIs
 - Incorporate Additional Information
 - Updated Risk Assessment
 - Finalize Recommendations



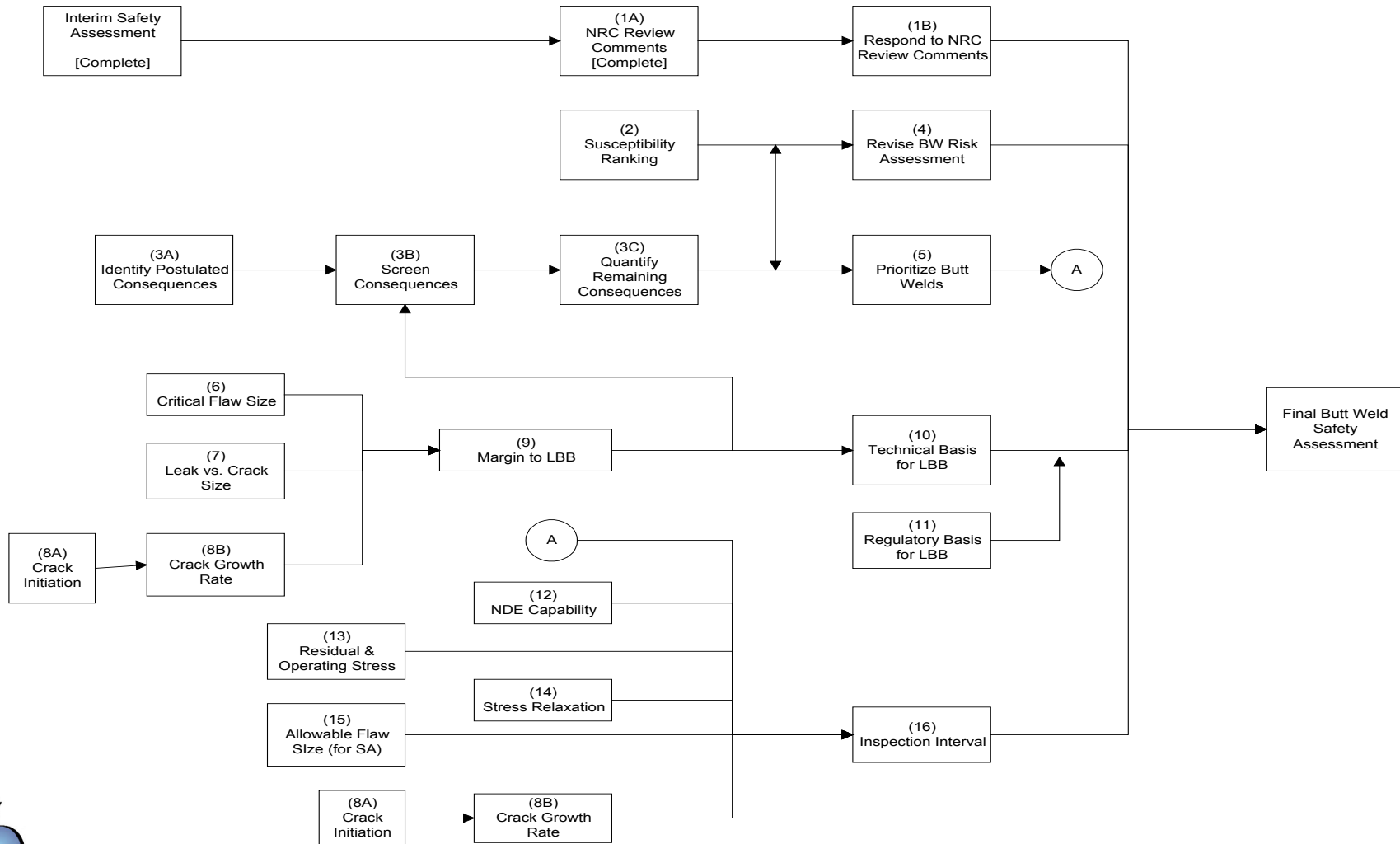
A600 Butt Welds

Scope of Program

- All Three PWR NSSS Designs
- All Pipe Sizes
- Design Configurations
- As Built Configurations (e.g. weld repair)
- Safety Assessment
 - Design Basis Conditions
 - Design Basis Loadings
 - Leak Before Break Assumptions
- Risk Assessment
 - Definition of failure
 - Probability of failure
 - Consequence of failure
 - Risk associated with failure
- Response to NRC Comments and RAIs



A600 Butt Welds: Plan To Closure



A600 Butt Welds

Schedule

- Final Report
 - Basis for very low risk of pipe rupture as a result of PWSCC in 82/182 welds in primary system applications
 - If leakage occurs, high probability that it will be detected by normal plant equipment long before failure.
 - Beginning of 2nd quarter, 2004

