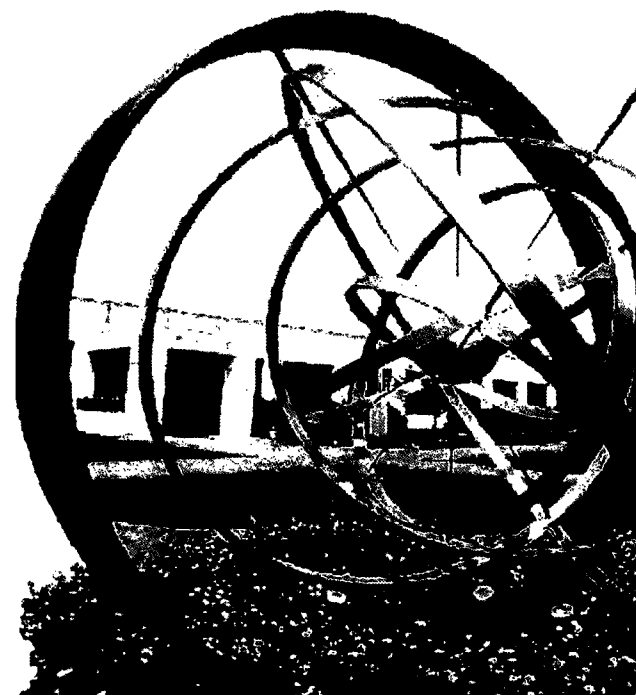




ECCS Suction Strainers Chemical Effects Resolution Strategy Issue No. 4

Tony Borger
ECCS Suction Strainers Committee
Source Term Vice Chairman

NRC Presentation
July 20, 2011
Rockville, MD

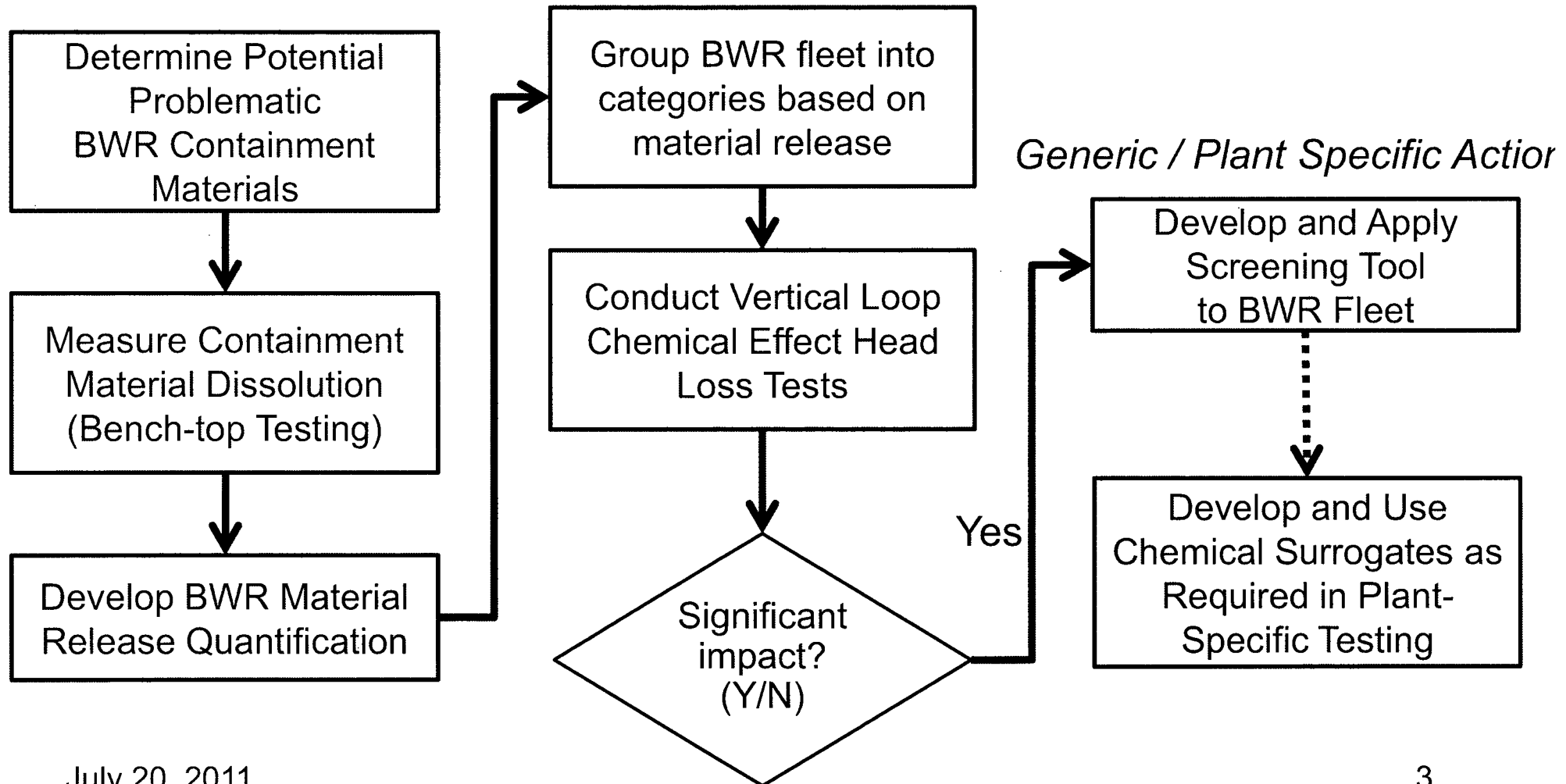


BWR CE Resolution Strategy Phases

- **Phase 1: Material Dissolution and Precipitate Formation Correlation Development**
- Phase 2: Head Loss Impact from Chemical Effects and Potential Surrogate Development

Resolution Strategy Flowchart

Phase 1: Material Dissolution → **Phase 2: Chemical Precipitate Head Loss**
Generic Actions *Generic Actions*



Path Forward from Last Meeting

Develop chemical effect strategy and outline for NRC review, 1Q 2011

Determine problematic containment materials based on BWR walkdowns, 3Q 2011

Submit material dissolution test plan, 4Q 2011

BWR CE Resolution Strategy Status/Progress

- BWR Chemical Effects Resolution Strategy document completed May 2011. To be submitted for NRC review September 2011.
- Reactive Material walkdowns completed.
- BWR Material Dissolution Test Plan to be completed and submitted to NRC December 2011 for review.

Items to focus on for NRC review

Similar philosophy to PWR approach

Headloss will be adjusted based on loop results as opposed to surrogates

SLC vs. non-SLC differences