



U.S. NRC
UNITED STATES NUCLEAR REGULATORY COMMISSION
Protecting People and the Environment

Collective Significance of NDE Issues

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Examples of UT Events

- Five deep cracks on a dissimilar metal weld
- Laminar indication in a weld overlay
- Missed indication in a head exam

- Matrix organization
- Issue may be addressed by
 - Utility corrective action programs
 - NEI 03-08
 - Third parties
- Hand-offs can be complicated

- Ownership
 - NDE programs serve multiple masters
 - Issues are occurring in one part of the process may seem to beyond direct organizational control
- Learning organization behavior
 - Issues seem to be treated as unique

- Collective significance evaluation is important
 - Issues may not escape individual utilities
 - Issues that escape individual utilities may not rise to the level of NEI 03-08
- Metrics
 - Tabulation and consideration of precursors
- Self Assessment

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