

SIPE™

**TIMELINESS.
CONFIDENCE.**

That's what you need when things look this bad.

SIPE software performs Code Case N-513 evaluations so you can quickly evaluate thinned or leaking pipe.

CONFIDENCE

Structural Integrity Associates is an industry leader in structural and mechanical failures. SIPE is the software we use to perform Code Case N-513 evaluations.

SIPE is verified, validated, and maintained under SI's Nuclear QA Program, which is in compliance with 10CFR50, Appendix B; 10CFR21; ANSI/ASME NQA-1, and is audited by NUPIC.

In the V&V process, we ran 1539 test problems with only minor discrepancies between SIPE and independent calculations.

TIMELINESS

Know if that leak is structurally stable within minutes.

SIPE is accessible from any web enabled device. The simple to use, dynamic fields update based on the type of evaluation required.

KNOW YOUR MARGINS

Easily compare the flaw you have to the allowable or critical flaw size.

Quickly and easily determine the allowable flaw sizes by creating flaw handbooks before inspections begin.

EASY TO USE

Input and Output files are plain text files. They are stored on the web-based platform for easy access and retrieval and can be easily understood by non SIPE users. The output files include an input echo to simplify independent verification of your calculations.

GET ACCESS NOW

No need to wait in line so that IT can install it on your computer. A User Name and Password gets you started.



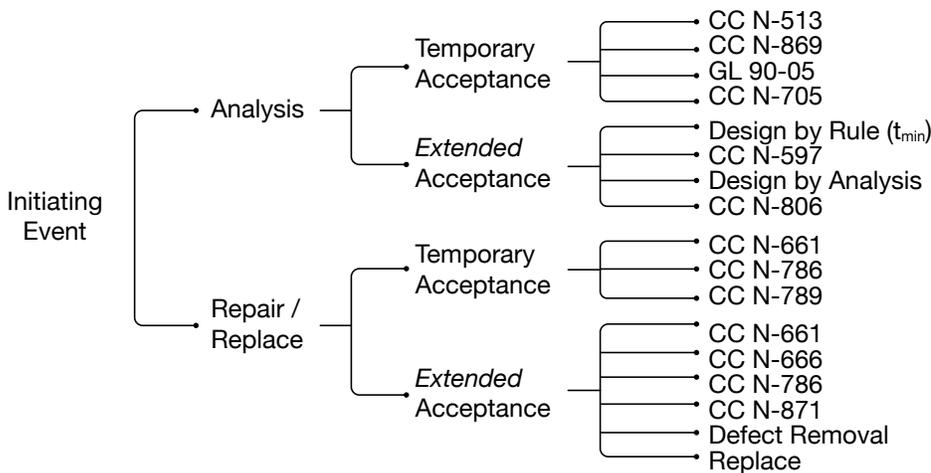
**Structural Integrity
Associates, Inc.®**



SIPE™

FLAW EVALUATION DECISION TREE

When it comes inspections or leaking flaws, you have options. Analysis and repair options are available for both temporary acceptance and extended acceptance. Contact SI to find out more.



SIPE 4.0 FEATURES

- Updated and improved user interface
- Evaluates in accordance with **N-513-4**
 - Straight Pipe
 - Elbows
 - Tees
 - Reducers
- **Stores** previous evaluations

Contact Structural Integrity to start your free trial of SIPE.



Structural Integrity Pipe Evaluation (SIPE) software performs Code Case N-513 evaluations from any web enabled device so you can quickly evaluate thinned or leaking pipe to determine if it meets the ASME and NRC requirements for structural stability. If so, repair or replacement may be deferred until the next scheduled refueling outage provided other N-513 requirements are met related to subsequent examination and extent of condition.

Code Case N-513 is one of the most widely used Code Cases in the Nuclear Industry. SIPE implements the structural evaluation of Code Case N-513 and can be used to support temporary continued operation without repair or replacement.

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