



Appendix VIII Supplement 9

June 4th –5th 2003

Carl Latiolais

**Project Manager Piping & Bolting
Performance Demonstration
EPRI NDE Center**



PDI Program Status

- ▲ **The implementation of Supplement 9 is within the PDI Charter**
 - PDI and EPRI members sit on ASME Code committees that control its development
 - PDI would implement program if criteria is developed
- ▲ **Presently, Appendix VIII Supplement 9 states that it is in course of preparation and demonstration criteria does not exist**



Supplement 9 Status

▲ Recent actions by ASME Section XI to remove Supplement 9 have gone forward and are based on the following

- Industry experts feel that it would be difficult if not impossible to qualify ultrasonic techniques from the available access that would meet any performance demonstration criteria that would be developed
 - Alternative examination techniques may be better suited for examination thus no need for ultrasonic demonstration criteria
- Fracture mechanic evaluations have shown that failure of these components is unlikely due to its inherent material properties and there has been no known failures reported
- Risk based examination programs have greatly reduced the amount of welds required to be examined



PDI Position

- ▲ PDI does not drive ASME Section XI, but simply has common members**
- ▲ PDI has not forgotten about Supplement 9, but must have criteria in order to implement demonstration program**
- ▲ PDI feels at this moment that all its resources should be concentrated on the implementation of Supplement 10 until all issues are resolved**
 - Lessons learned from this may have benefit in solving the Supplement 9 problem**



PDI Actions

- ^ PDI will follow progress of Supplement 9 and will implement program if criteria is developed**
- ^ PDI will follow current developments in technology through EPRI and other organizations that may have potential to perform reliable examinations**