



What Are Cost Consequences?

- Failure is dependent on outside temperatures:
 - Summer failure = \$750,000 lost margins & retube
 - Fall failure = \$500,000 lost margins & retube
 - Winter failure = \$100,000 lost margins & retube
 - Spring failure = \$250,000 lost margins & retube
- Another key issue is environmental impact along with the cost issues if failure occurs

Money Issues

3

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- Eddy current inspection is a quick and inexpensive inspection of each tube—min wall is reported for each tube
- IRIS inspection is a more detailed and more expensive inspection with a rotating head ultrasonic tool—min wall is reported for each tube and tube ID's must be very clean

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5























Remember June 9, 2001?







