Lead pipes installed 75 years ago.

Examples of creep failure

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Please see:
http://www.rpi.edu/dept/materials/COURSES/NANO/noseda/pipes1.gif
http://www.rpi.edu/dept/materials/COURSES/NANO/noseda/blade1.gif
http://www.powerccl.co.uk/LP%20Turbine%20Blade%20Pitting.jpg

Ni deformation mechanism map (d = 32 μm)

Image source: Hosford (2005), from Ashby

http://www.sciencedirect.com

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