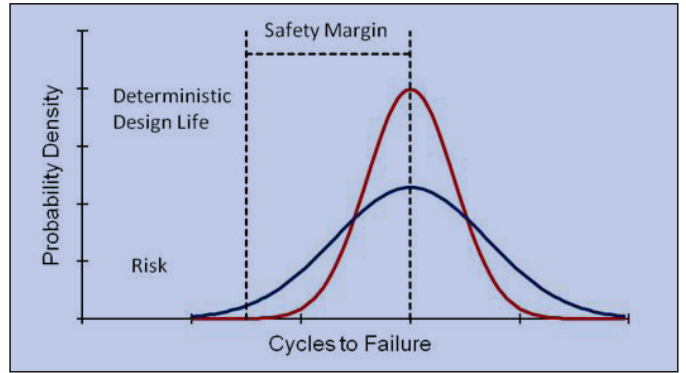


Failure assessment diagram used for fitness-for-service assessment of crack-like flaws



Probabilistic analysis used to predict the variation in number of cycles to failure due to variations in operating conditions, material properties and inspections. Overlap of variation in cycles to failure and retirement time is the probability of failure. The probabilistic sensitivity factors identify which parameters can be changed or controlled to reduce the probability of failure or extend the useful life.



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We welcome your inquiries.
For additional information,
please contact:



Joseph E. Crouch, Manager
Marine Structures and Engineering
(210) 522-4295
jcrouch@swri.org

Structural Engineering Department
Mechanical Engineering Division

Southwest Research Institute
6220 Culebra Road (78238-5166)
P.O. Drawer 28510 (78228-0510)
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