

# Revision of Guidance Documents for Environmentally Assisted Fatigue

**Robert Tregoning, Gary Stevens, Appajosula Rao**

**Nuclear Regulatory Commission**

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# Current Status and Schedule: NUREG/CR-6909 & RG 1.207



- NUREG/CR-6909, Rev. 1, “Effect of LWR Coolant Environments on the Fatigue Life of Reactor Materials”
  - Internal review completed; comments addressed
  - Published for public comment 4/17/2014 – 6/2/2014
  - More than 200 individual public comments were received from 10 commenters, many with significant technical detail
  - Responses are under development
- DG-1309, “Guidelines for Evaluating the Effects of Light-Water Reactor Coolant Environments in Fatigue Analyses of Metal Components” (RG 1.207, Rev. 1)
  - Internal review completed; comments addressed
  - Published for public comment on 11/24/2014 - 01/23/2015
  - Approximately 50 public comments were received; many editorial in nature
  - Responses are under development
- Best-Estimate Publication Schedule
  - Address all public comments on both documents – Fall 2015
  - Reviews (including ACRS) – Winter 2015
  - Publish final documents – Spring 2016