

# **NRC Proposed Condition on Encoded Volumetric Examinations on Dissimilar Metal Butt Welds**

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# Proposed Condition

- Current proposed condition
  - Ultrasonic examinations performed in accordance with Table 1 of N-770-2 for Inspection Items A-1, A-2, B, E, F-2, J and K shall be performed for 100 percent of the required inspection volume using an encoded method
  - Requires encoded volumetric examinations for all non-mitigated and cracked mitigated welds.

# Implementation

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- Required to be implemented 30 days after the publication of the final rule (expected Spring/Summer 2017)
- Plants in a refueling outage when the final rule is implemented, with required N-770-2 weld volumetric examinations, will be required to perform encoded examinations

# Relief Options Within 6 Months

- Within 6 months of final rule implementation, NRC will consider requests to extend the volumetric inspections on uncracked welds one outage to perform encoded examinations
  - There must be a hardship to perform exam during the current outage
  - Visual exams during walkdown
  - Cracked welds on a case by case basis

# Relief Options

- For plants with physical limitation/hardship
  - Consistent technical basis with relief requests for missed inspection coverage
  - Best effort encoding examination is expected
  - Scan maps showing areas of missed encoding
  - Impracticality cannot be used for relief from these requirements



# Questions

