Status of Peening Review

David Alley, Chief
Component Performance, NDE, and Testing Branch
Division of Engineering
Office of Nuclear Reactor Regulation
Peening Review

• Regulatory Framework for Inspection Relief
• Review Status
• Schedules
• Confirmatory Research
Regulatory Framework for Inspection Relief

• Three components to process
  – Peening process
    • Whether done under relief or 50.59 still under review
  – MRP 335
    • Provides justification for inspection interval for given inputs
  – Relief Request
    • Describes peening process
      – Does no harm
      – Achieves MRP 335 input values
    • Requests relief consistent with MRC 335
Review Statues As of 6/1/2015

- Staff completed a draft SE with open items
- Waiting for the RAI response from industry
- NRC working to resolve the issue of whether peening can be done via 10 CFR 50.59 process
Schedules

• 6/15/2015--Industry responses to 2nd Round of RAI questions
• 9/1/2015—Complete draft Safety Evaluation
• 9/30/2015—NRC sends draft SE to EPRI for public comments
• 10/15/2015—EPRI provides comments on SE
• 12/31/2015—NRC issues official SE