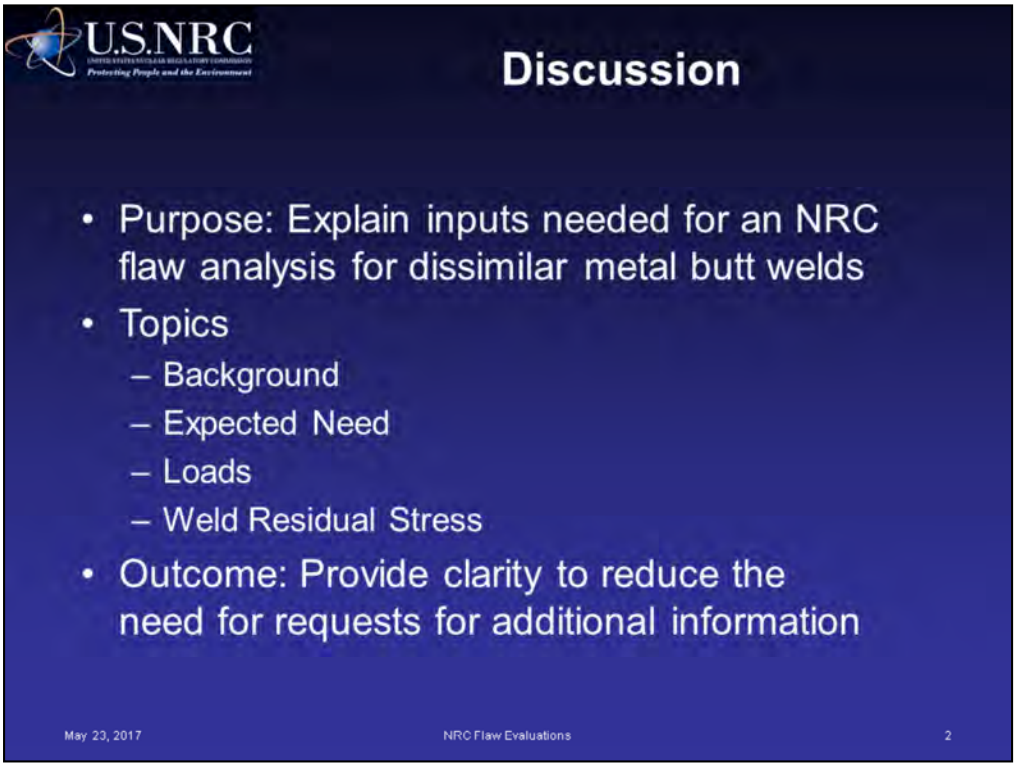
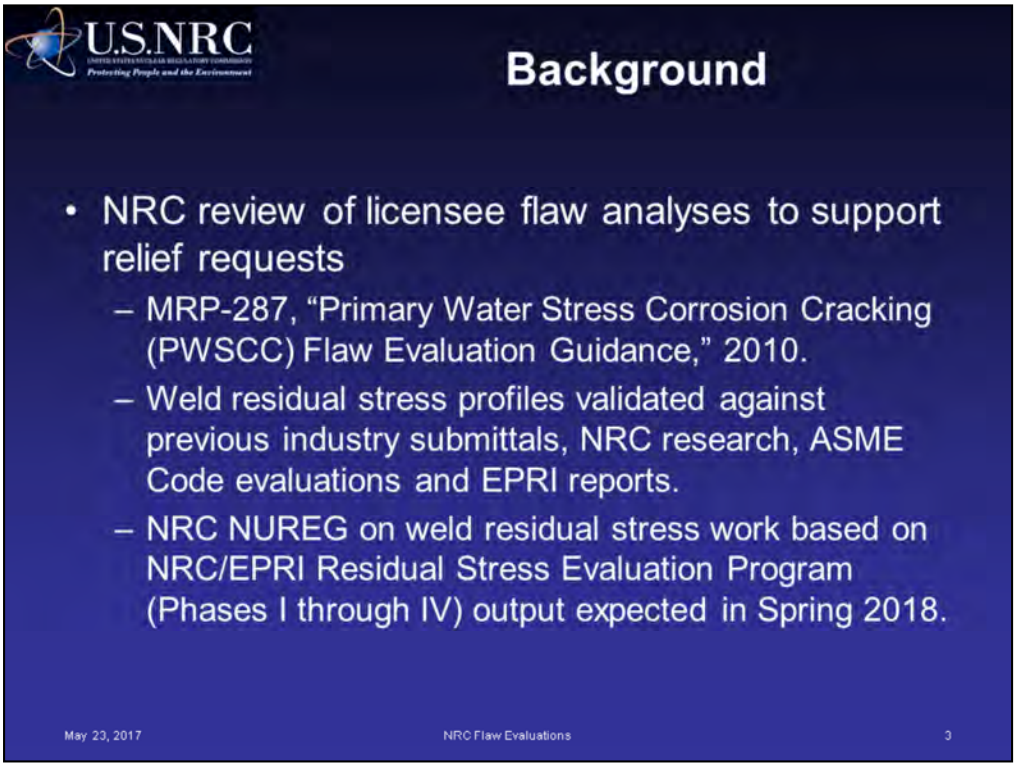
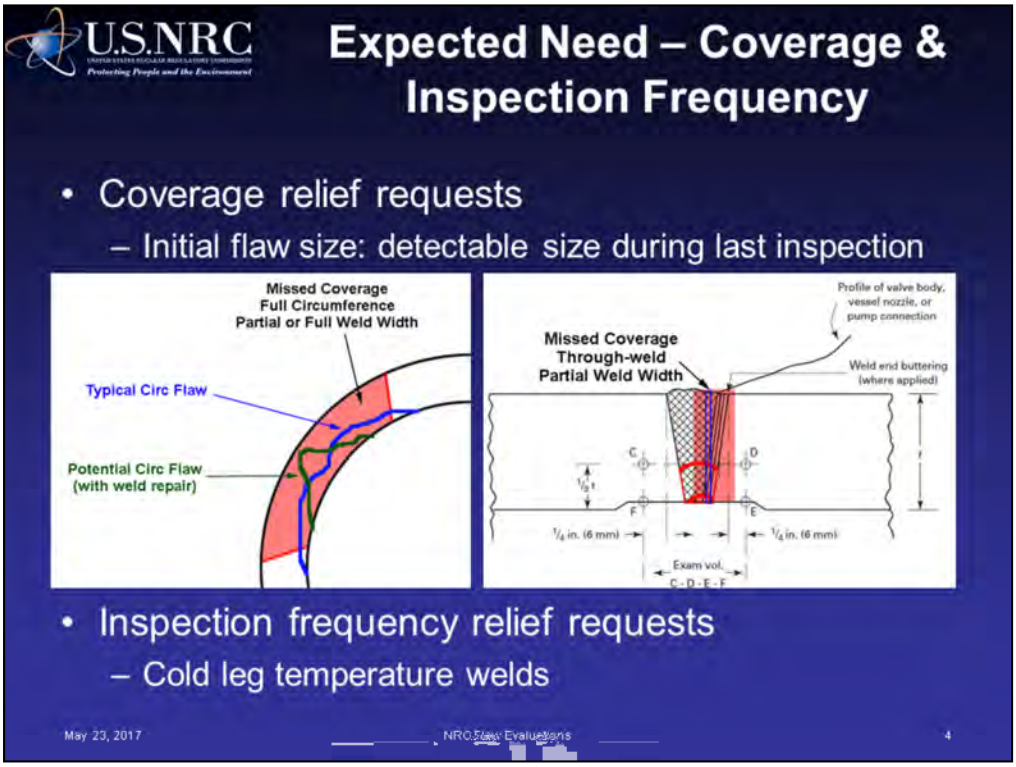
No additional notes.



No additional notes.



For additional information on NRC NUREG see presentation on Weld Residual Stress NUREG.

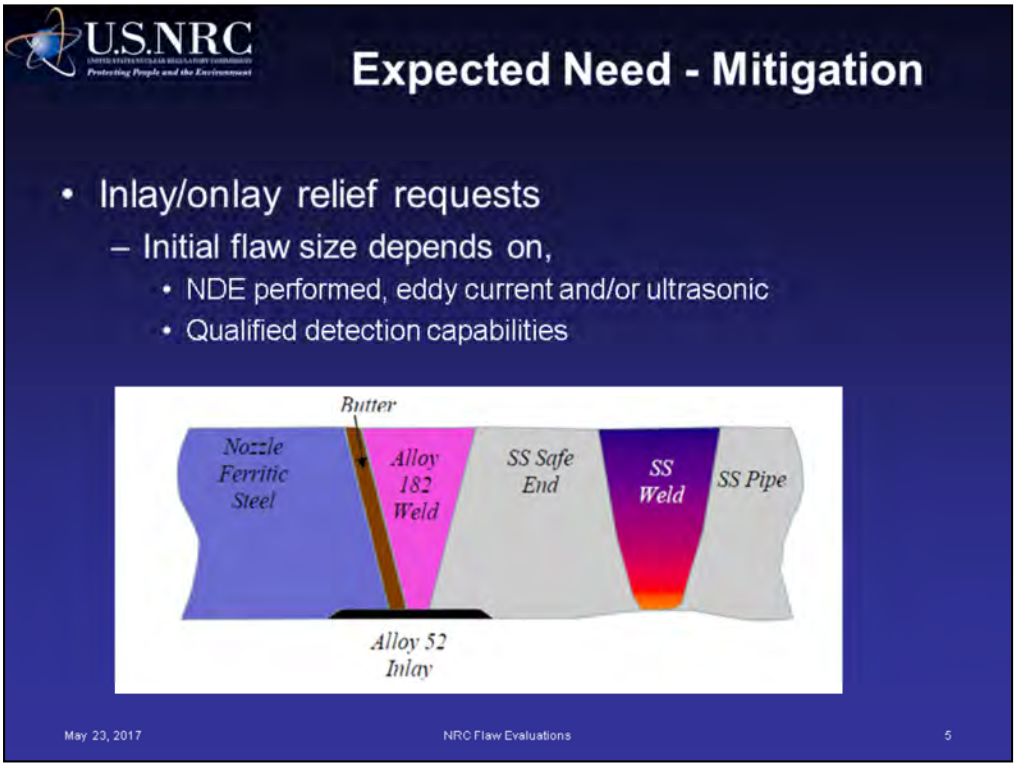


These are two exampled of where flaw analysis calculations are used to obtain inspection relief or acceptance.

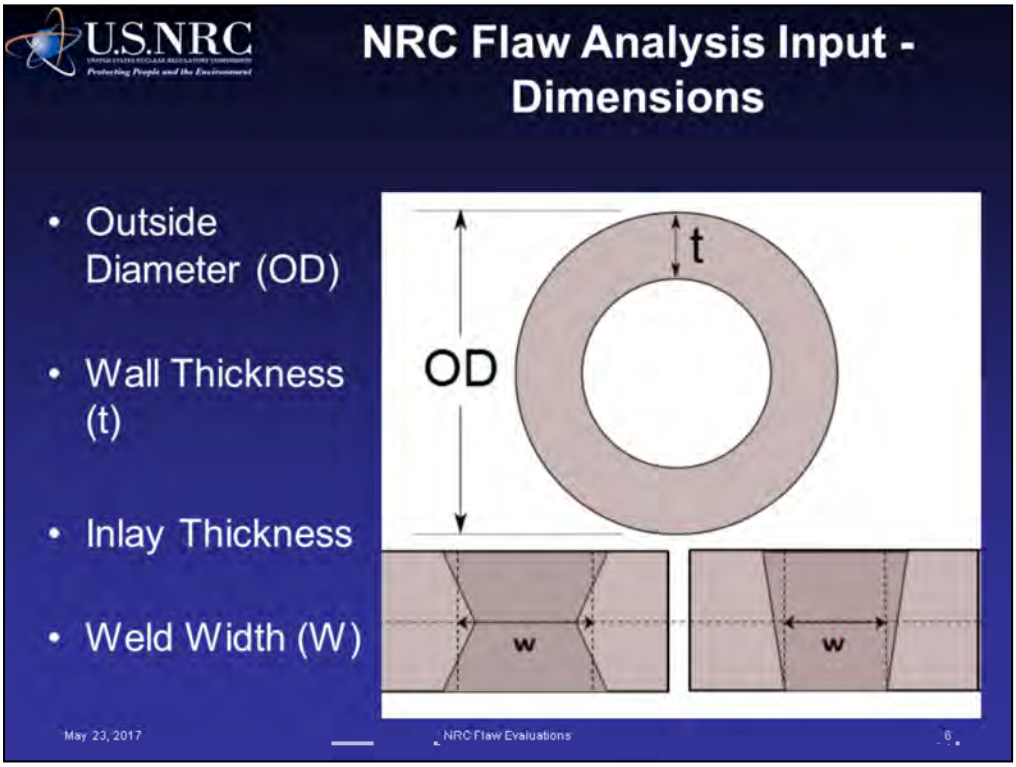
The NRC staff makes assessments of axial and circumferential flaws, at this time.

The initial flaw size used in a flaw analysis to determine hypothetical flaw growth during periods of operation, is a key input to determine inspection frequency acceptance.

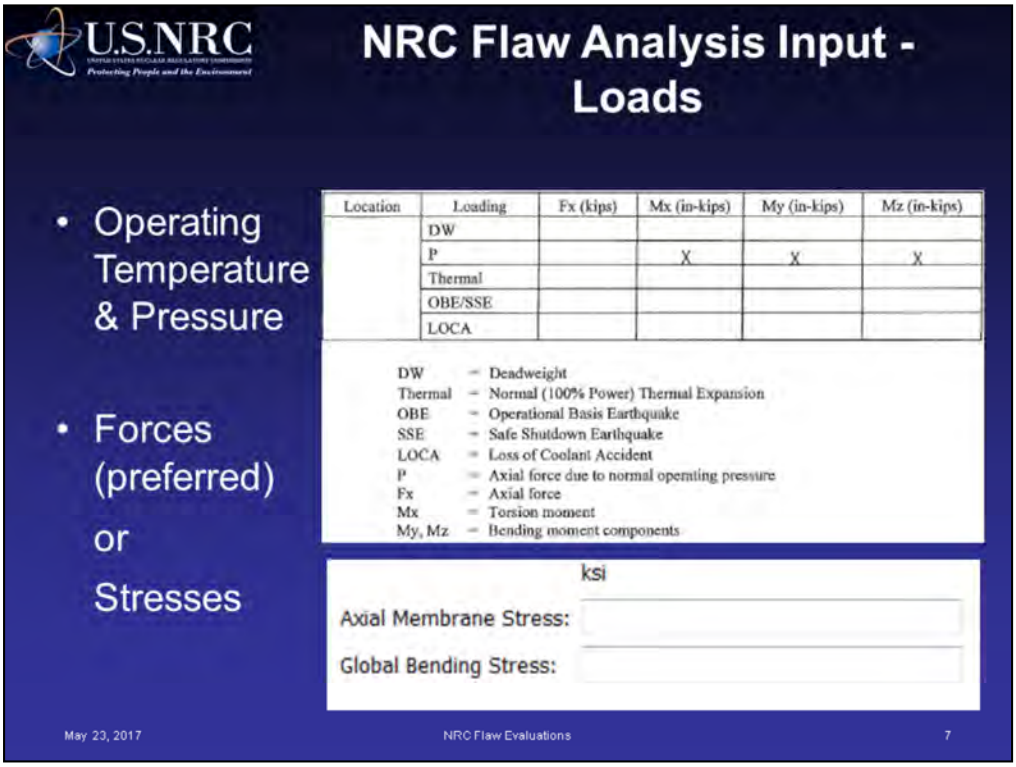
The initial flaw size, in the case of limited inspection cover, should be based on the minimal detectable flaw size during the last inspection, not just a flaw that could exist in the area of missed coverage.



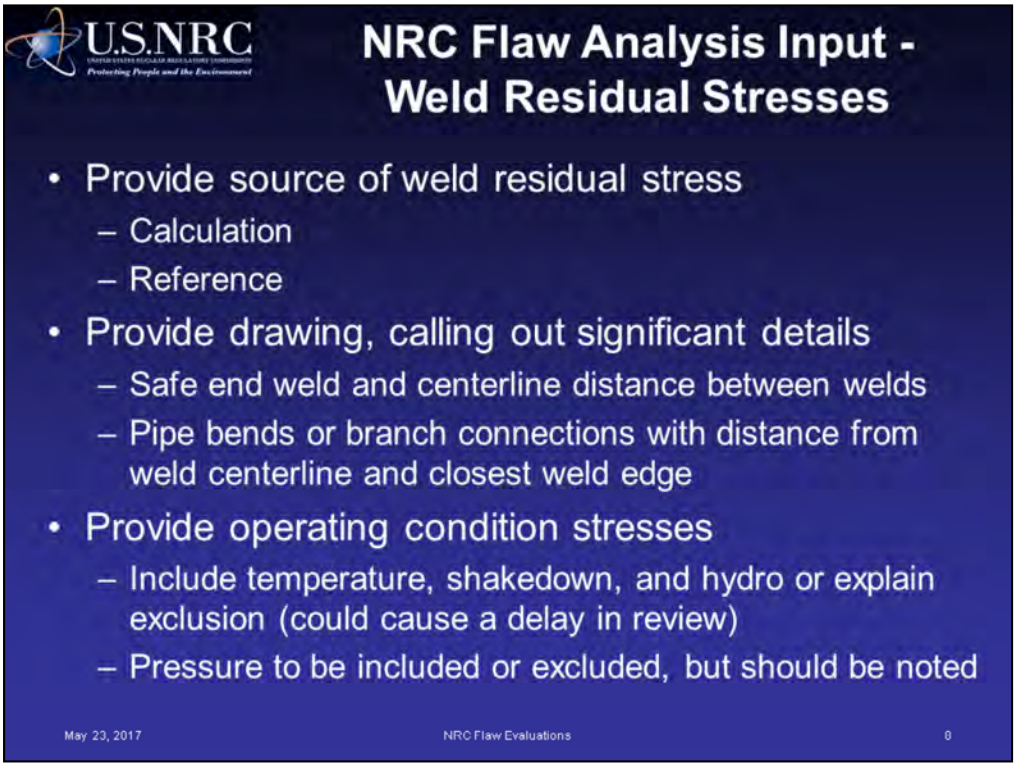
Some licensees, with replaced SG, used Alloy 52/152 inlays. In order to obtain full inspection credit for use of an inlay for ASME Code Case N-770-2 or later, these licensees must submit a request for authorization in accordance with 10 CFR 50.55a(g)(6)(ii)(F)(*2*). As part of this request, in accordance with the rulemaking to adopt ASME Code Case N-770-1, the NRC has requested a flaw evaluation based on plant specific or bounding properties be provided to support the inspection frequency change.



The dimensions shown above are requested.



Operating temperature and pressure are required. Loading, provided either as forces, the preferred method, or stresses is requested. The tables provided above are just examples of helpful ways to present this information. Please be clear on units.



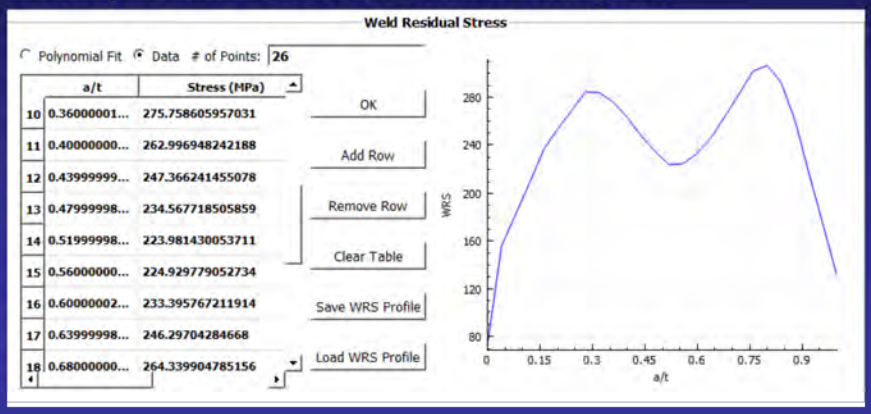
The information above is requested.

Please be clear as to what aspects are included in the flaw evaluation. Incorrect or limited information about what temperature, stresses or loads are included can cause significant delays in the processing of the relief request. This may result in additional RAI's or phone calls to identify why NRC calculations are not validating the licensee's analysis.

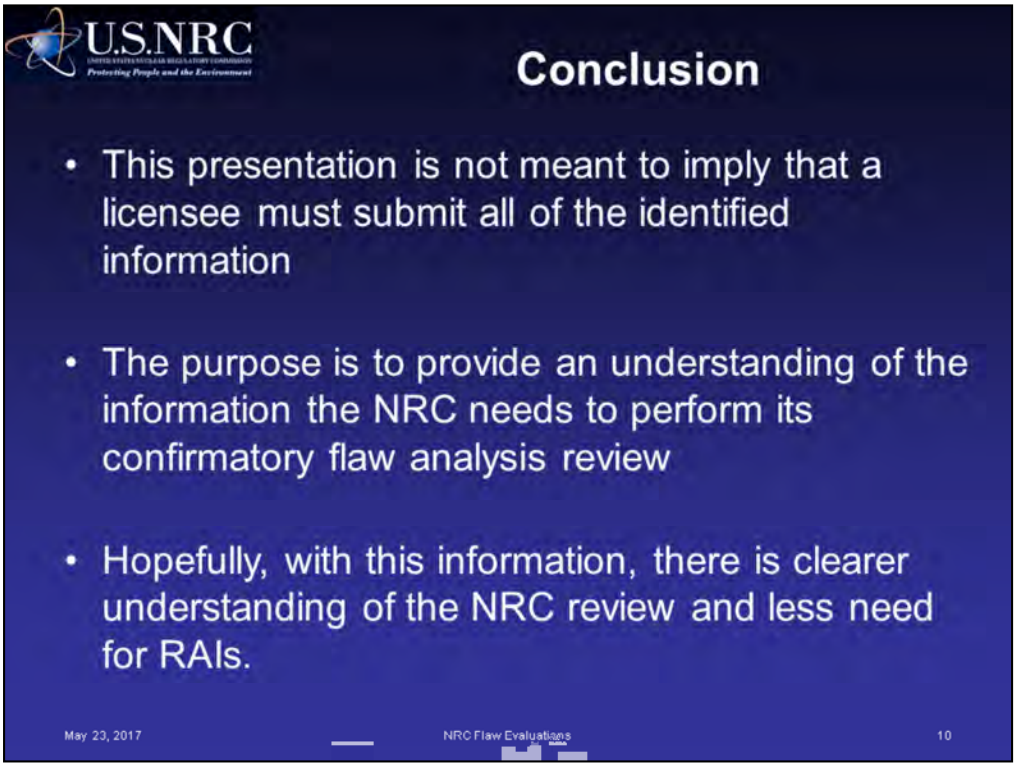
If the NRC staff is required to perform a weld residual stress analysis due to uncertainties in this area, NRC staff review time will be increased significantly.

NRC Flaw Analysis Input - Weld Residual Stresses

- NRC flaw analysis software can input up to 200 data pairs for residual stress analysis.



No additional notes.



No additional information is required.