

# Closure Plan for RAI 226-8235

<b><u>DCD Chapter Associated with RAI:</u></b> 3.7
<b><u>RAI Number:</u></b> 226-8235(Q03.07.02-6)
<b><u>Expected Final Closure Date:</u></b> 08/26/2016
<b><u>Issue to be addressed:</u></b> Provide SSSI analysis results with the consideration of embedment and a representation of adjacent structures that demonstrate no adverse impact of the interaction effects on the response of the structures, as well as the peak demands computed for wall pressures and their distributions.
<b><u>Method of Closure (How Will the RAI Be Closed):</u></b> <ul style="list-style-type: none"><li>- Perform SSSI analysis for the embedded NI and EDGB/DFOT combined model and provide the embedded SSSI effects</li><li>- Compare the embedded SSSI effects with the surface mounted SSSI effects (current results) in the DCD to show bounding values</li><li>- Develop SSSI lateral dynamic pressures on the adjacent embedded walls and compare them to the design dynamic pressures</li></ul> Through this approach, it is expected to be demonstrated that the embedded effect of the SSSI model will have no impact on the design response of each structure.
<b><u>Expected Outcome (Expected Resolution/Results):</u></b> The embedded effect of the SSSI model will not impact on the design of structures. The SSSI lateral dynamic pressures on the adjacent embedded walls of NI, EDGB, and DFOT will be provided.
<b><u>Milestones to Completion</u></b> The SSSI analysis required to respond to the RAI will be completed by August 19, 2016 A revised RAI response will be submitted by August 26, 2016.
<b><u>Deliverables:</u></b> Revised RAI response and markup for applicable Technical Report
<b><u>Notes:</u></b>