

Vogle PEmails

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ENCLOSURE 6

APP-GW-GLY-104, Rev. 0, "Update on the Tensile Testing Resolution Paths for Welds Joining Couplers to Carbon Steel and Stainless Steel Embedment Plates (Public Meeting)"

Update on the Tensile Testing Resolution Paths for Welds Joining Couplers to Carbon Steel and Stainless Steel Embedment Plates (Public Meeting)

May 26, 2016



Meeting Purpose and Agenda

Meeting Purpose

- Address Staff feedback received on 4/14 related to the nondestructive examination (NDE) code nonconformance
- Provide update on stainless steel embedment testing
- Receive and address Staff feedback

Agenda

- Recall Problem Statement & Initial Proposed Resolution Paths
 - Vogtle Carbon Steel (CS) Couplers
 - V.C. Summer (VCS) CS Couplers
- Updated CS Proposed Resolution Paths
- Carbon Steel Coupler Tensile Testing
- LAR Submittal Timing



Recall Problem Statement & Initial Proposed Resolution for Carbon Steel

Problem Statement:

- Contrary to AISC N690-1994, Q1.26 MT/PT examination requirements, populations of CS embedment plates with weldable couplers were installed at Vogtle and VCS without the requisite NDE having been performed

Proposed Resolution Paths:

- NDE code nonconformance to be addressed via two independent CS LARs:
 1. LAR-134 for CS weld population at Vogtle
 2. LAR-140 for CS weld population at VCS
- Differences between the Vogtle and VCS LARs is primarily in the data and the vendors supplying the welds



LAR Approach Following 4/14/2016 NRC Technical Exchange Meeting

- Licensing Basis Change
 - LAR to demonstrate that the coupler welds are suitable for performing their intended design function
- WEC has reviewed the evaluation of CS static testing populations and has determined that additional static testing is needed
 - Tensile testing method is being developed and will be performed on uninstalled coupler welds from original population
 - Selection of welding considered an array of couplers with and without VT indications
- Tensile testing is progressing for the Vogtle and VCS SS coupler weld populations



Questions & Discussion

