

## Vogle PEmails

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**Attachments:** 2016-05-26 APP-GW-GLY-104\_Public Meeting\_2016-05-26 Meeting.pdf

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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

