

Vogle PEmails

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Subject: 4/14/2016 Public Meeting - NRC Staff Questions about Cives SS Test Plan
Attachments: 2016-04-14 Public Meeting Cives SS Test Plan staff Questions.docx

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4/14/16 – Public Meeting with Vogtle, Summer, and WEC

Questions:

To determine if test specimens are representative of welds already installed.

1. Test Fixture
 - a. Impact of the build up inside of the ground out coupler on the test PJP?
 - i. Distance between bottom of thread and PJP surface
2. Sample Preparation
 - a. Per Reference 12: SV0-CE01-GNR-000029, Rev. 0, "Coupler Welds on SS Embeds from Cives Lacking N690 NDE"
 - i. Were all available welds PT inspected after failing the first and second 10% PT? Also, should all welds be PT inspected in order to determine the best test samples?
 - ii. On Attachment 2, APP-11202-CE-PF311 was returned to vendor? Why and can these be PT inspected?
 - iii. Were all the welds being tested profiled [ground]? Which welds are profiled?
 - iv. Why were these samples selected to be ground?
 1. Largest defects? If so, then are these still representative?
 - v. How are these welds that are profiled representative of the welds (as welded condition) that are already installed?
 - vi. Page 46 "Significance/Reportability review – How was this condition (no inspection performed) found? Was requirement to VT and PT on the purchase order to the vendor? Is so, are answers to the following questions on Page 46 still correct: questions e, f, 2c, 2d and 3b?
 - b. What is the defect distribution for the welds being tested?
 - i. Type? Number? Location? Size?
 - ii. Inspection reports
 - c. Are the tested welds the same as the ones buried in concrete?
 - i. Welding positions?
 - ii. Weld process?
 - iii. Manual vs Machine?
 - d. Sample size determination:
 - i. #6: 25 welds #9: 10 welds
 - ii. What is the coupler # distribution? Only #6 and #9?
 - iii. Explain the differences within the sample sets to provide useful results
 - e. What are the number of plates installed?
 - f. What are the number of welds installed? (Since varies by plate)
 - g. Were the welds that are currently installed VT?
 - h. Will additional samples need to be created that contain bounding defects (e.g. larger, number, location)?
 - i. Will there be any characterizations of the welds to better understand the extent of the defects since the NDE is only for the surface?
3. Licensing Basis Determination Checklist
 - a. Arrive at the conclusion that no impact on current licensing basis

Other issues

1. What is test schedule?