

3/13/2008

Timothy O'Hara
Region I
475 Allendale Road
King of Prussia, PA 19406

Subject: PDI Qualification Changes to PDI Qualified Procedure ZETEC-OMNISCAN-PA03 Revision D

Dear Mr. O'Hara:

The purpose of this letter is to document the qualification activities performed at the Studsvik facility in Memphis, Tennessee on March 12, 2008. This demonstration was performed to qualify an additional search unit wedge that was used to examine safety nozzles A, B and C on the pressurizer that had been removed from service in Port St. Lucie (PSL), Unit 1.

The PSL nozzles were examined using a search unit/wedge combination that was contoured for a larger component diameter, because the standard kit of wedges for this procedure does not include a wedge that is contoured ideally for the PSL safety nozzle diameter. This application of a larger-diameter wedge contour had not implemented during the original qualification of the procedure. The performance of this larger-diameter wedge was evaluated by comparing the examination data from the PSL safety nozzle welds against data collected during the original qualification of the procedure. This evaluation concluded that the overall quality of the data was comparable.

In addition, the procedure was demonstrated using the larger-diameter wedge on a mockup that is fully compliant with the quality and design standards of the Performance Demonstration Initiative (PDI), matches the exact configuration of the PSL safety nozzles, and contains cracks. The demonstration was performed in accordance with PDI's implementation of ASME Boiler and Pressure Vessel Code, Section XI, Appendix VIII, Supplement 10. The data was of high quality, the reported results satisfied the acceptance criteria defined in Appendix VIII for detection, length and depth sizing, and no limitations were noted. Due to PDI data security requirements, the mockup flaw truth information cannot be included in this letter. EPRI will develop a formal technical justification in the next several days to formally document this demonstration, but until this is completed and reviewed internally this letter should be used as an attestation that the equipment and techniques were qualified in full compliance with the PDI program.

Sincerely,



Carl Latiolais
EPRI Program Manager
Appendix VIII Performance Demonstration

c: G. Selby
T. MaCalister (SCANA)

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