

10 CFR 50.55a

RA-09-011
January 21, 2009U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
11555 Rockville Pike
Rockville, MD 20852Oyster Creek Nuclear Generating Station
Facility Operating License No. DPR-16
NRC Docket No. 50-219

Subject: Submittal of Analytical Evaluation in Accordance with IWB-3134(b)

In accordance with the American Society of Mechanical Engineers (ASME) Code, Section XI, 1995 Edition through 1996 Addenda, IWB-3134(b) ("Review by Authorities"), Oyster Creek Nuclear Generating Station is submitting an analytical evaluation associated with the recirculation suction (reactor pressure vessel outlet) nozzle-to-safe end weld (N1A).

As discussed in the attached report, an analytical evaluation of an indication was performed to disposition an indication associated with the recirculation suction (reactor pressure vessel outlet) nozzle-to-safe end weld (N1A). The indication is circumferentially oriented, measured by ultrasonic testing to be approximately 12.1 inches long with a depth of 0.20 inches taken from the clad base metal interface. The indication is located 0.6 inches upstream of the weld centerline (nozzle side), which would place it in the low alloy steel. The nozzle-to-safe end weld is a dissimilar metal weld joining the low alloy steel nozzle to the stainless steel safe end with an Alloy 182 weld. The Mechanical Stress Improvement Process (MSIP) was applied to this weld in 1994, although it was not taken credit for in the evaluation. As concluded in this evaluation, the required safety factors will be maintained during operation with this indication over the next two operating cycles, by which time the flaw will be further evaluated in accordance with code requirements.

There are no new regulatory commitments contained in this letter.

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If you have any questions or require additional information, please contact Tom Loomis (610-765-5510).

Respectfully,

A handwritten signature in black ink, appearing to read "Pamela B. Cowan". The signature is written in a cursive style with a large initial "P".

Pamela B. Cowan
Director - Licensing & Regulatory Affairs

Attachment - Analytical Evaluation

cc: S. J. Collins, Administrator, USNRC, Region I (w/attachment)
M. S. Ferdas, USNRC Senior Resident Inspector, OCNGS (w/attachment)
G. E. Miller, USNRC (w/attachment)