

LR-N08-0206



SEP 10 2008

United States Nuclear Regulatory Commission
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Washington, DC 20555-0001

SALEM GENERATING STATION – UNIT 1 AND UNIT 2
FACILITY OPERATING LICENSE NOS. DPR-70 AND DPR-75
NRC DOCKET NOS. 50-272 AND 50-311

Subject: Inspection and Mitigation of Alloy 82/182 Pressurizer Butt Welds

Reference: Letter LR-N07-0020, Inspection and Mitigation of Alloy 82/182
Pressurizer Butt Welds, dated January 26, 2007

In the above referenced letter, PSEG indicated that a review of "original design, fabrication and audit documentation indicates that Alloy 82/182/600 was not used for penetrations, steam space piping or welds." PSEG would like to offer a clarification of what constituted the "original design, fabrication and audit documentation" that comprised that review.

The documentation reviewed in preparing the referenced letter included:

- The Westinghouse summary stress reports for Salem Units 1 and 2.
- The onsite available design and fabrication drawings (i.e., Westinghouse supplied outline drawings with details of nozzles).
- Documentation from vendor audits that were conducted during the construction of the Salem pressurizers.

These documents substantiated that instrument penetrations, heater sleeves and nozzle safe ends were manufactured from Type 316 stainless steel, and that the dissimilar metal welds between the low alloy steel nozzles and safe ends were protected from the reactor coolant environment with stainless steel interior cladding.

The above documentation was used to confirm information provided in Westinghouse prepared documents which were in the form of a WCAP and a WOG issued report, both of which show that no Alloy 600 material or Inconel 82/182 welding material had been used in the construction of the Salem 1 or 2 pressurizers.

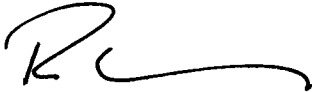
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As a result of questions posed during a review of TI-172, Reactor Coolant System Dissimilar Metal Butt Welds, a joint meeting of the NRC, PSEG Nuclear, and Westinghouse was held to review Westinghouse proprietary information regarding the shop fabrication welds on the pressurizer in order to review actual nozzle to safe end filler weld metal documents.

During that meeting additional information was reviewed (e.g., weld transfer process sheets) that was not in Salem's possession because of its proprietary nature. This meeting re-affirmed that Alloy 82/182 weld material had not been used to make the dissimilar metal welds.

Our staff is available to meet with the NRC to discuss any of the information in this letter. If there are any questions, please contact Mr. A. Thomas Roberts at 856-339-1177.

Sincerely,

A handwritten signature in black ink, appearing to be 'R Braun', with a long horizontal flourish extending to the right.

Robert Braun
Site Vice President - Salem

CC Mr. S. Collins, Administrator - Region I
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