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U.S. Nuclear Regulatory Commission  
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St. Lucie Units 1 and 2  
Docket Nos. 50-335 and 50-389

License Renewal

GALL, Rev. 2 Option for Enhanced Visual inspection (EVT) for CASS Materials

References:

1. Safety Evaluation Report Related to the License Renewal of St. Lucie Nuclear Plant, Units 1 and 2, NUREG-1779, September 2003.
2. Letter from J. A. Stall (FPL) to U.S. Nuclear Regulatory Commission (L-2001-258), "Application for Renewed Operating Licenses Pursuant to 10CFR 54.17 and 10CFR 50.4(c)," November 29, 2001, ADAMS Accession No. ML013400155.
3. Generic Aging Lessons Learned (GALL) Report, NUREG-1801, Rev. 2, December 2010.

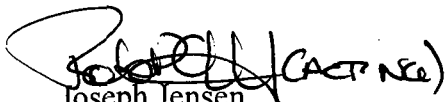
In Reference 1, the Nuclear Regulatory Commission (NRC) stated that the aging management of Reactor Coolant System (RCS) components made from cast austenitic stainless steels (CASS) at St. Lucie Units 1 and 2 as described in Reference 2 will be managed by the Thermal Aging Embrittlement of Cast Austenitic Stainless Steel Program (henceforth identified as the CASS Program). Reference 1 also states that the CASS Program is designed to identify those CASS components that are susceptible to thermal aging embrittlement and to monitor these components for the effects of thermal aging embrittlement on the fracture toughness properties. For those CASS components that the program identifies as being potentially susceptible to thermal aging, the program specifies either enhanced implementation of volumetric examinations for the detection and sizing of cracks in the components, or implementation of plant-specific or component specific flaw tolerance evaluations for the CASS materials.

The purpose of this letter is to update the NRC that FPL will follow the guidance provided in Generic Aging Lessons Learned (GALL) Report, NUREG-1801, Revision 2, (Reference 3) Section AMP XI.M12, "Thermal Aging Embrittlement of Cast Austenitic Stainless Steel (CASS)" to allow the option of use of the Enhanced Visual inspection (EVT) for the CASS materials.

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Should you have any questions, please contact Mr. Eric Katzman, Licensing Manager, at 772-467-7734.

Very truly yours,

  
Joseph Jensen  
Site Vice President  
St. Lucie Plant