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SUBJECT: Responds to NRC bulletin 89-002, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal Preload Bolting in Anchor Darling Model S350W Swing Check Valves or...." Valve found to have broken hinge pin block studs.

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U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Gentlemen:

Re: St. Lucie Unit 1
Docket 50-335
NRC Bulletin 89-02
TAC No. 74316

On July 19, 1989, the NRC issued NRC Bulletin No. 89-02, "Stress Corrosion Cracking of High Hardness Type 410 Stainless Steel Internal Preloaded Bolting in Anchor Darling Model S350W Swing Check Valves or Valves of Similar Design." Licensees were requested to identify, disassemble and inspect certain types of swing check valves which may contain Type 410 stainless steel bolting material. The NRC requested that it be informed of the completion of these inspections as well as the number of valves found to have service-induced cracking of bolting.

Seven valves subject to Bulletin 89-02 were inspected during the Spring 1990 St. Lucie Unit 1 refueling outage and their bolting material replaced with bolting meeting the requirements of the bulletin. Of the seven valves inspected, one valve was found to have two broken hinge pin block studs.

Since all bolting was replaced with bolting meeting the material and hardness requirements of NRC Bulletin 89-02, this completes the required actions of this bulletin for St. Lucie Unit 1.

Should there be any further questions, please contact us.

Very truly yours,

D A Sager

D. A. Sager
Vice President
St. Lucie Plant

Add: John Menning 14B-2 Hr 1

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DAS:JMP:kw

cc: Stewart D. Ebneter, Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, St. Lucie Plant

DAS/PSL #182