

## **NRR-PMDAPem Resource**

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**From:** Buckberg, Perry  
**Sent:** Tuesday, August 15, 2017 2:38 PM  
**To:** Frehafer, Ken  
**Cc:** Snyder, Mike  
**Subject:** Request for Additional Information - St. Lucie Relief Request #3 - ICW 30" pipe defect removal (MF9288)  
**Attachments:** Final RAI - St Lucie U1 RR No. 3 MF9288.pdf

Ken,

By letter dated February 16, 2017, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17047A283), Florida Power & Light (FPL), submitted a Relief Request for St. Lucie Unit 1. The request is for relief from applicable ASME Code requirements for defect removal prior to repair of cooling water intake piping. The staff has identified areas where additional information is needed to complete the review.

The staff sent a draft Request for Additional Information (RAI) to FPL on August 10, 2017. FPL did not have any questions regarding the draft RAI, and the same RAI is attached as final RAI-MF9288-EPNB-01. The NRC requests that FPL respond to this final RAI within 30 days of this email.

Thanks,

**Perry Buckberg**

Senior Project Manager

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U.S. Nuclear Regulatory Commission

Office of Nuclear Reactor Regulation

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**Subject:** Request for Additional Information - St. Lucie Relief Request #3 - ICW 30" pipe defect removal (MF9288)  
**Sent Date:** 8/15/2017 2:38:10 PM  
**Received Date:** 8/15/2017 2:38:00 PM  
**From:** Buckberg, Perry

**Created By:** Perry.Buckberg@nrc.gov

**Recipients:**  
"Snyder, Mike" <Mike.Snyder@fpl.com>  
Tracking Status: None  
"Frehafer, Ken" <Ken.Frehafer@fpl.com>  
Tracking Status: None

**Post Office:**

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	1020	8/15/2017 2:38:00 PM
Final RAI - St Lucie U1 RR No. 3 MF9288.pdf		79808

**Options**  
**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

**REQUEST FOR ADDITIONAL INFORMATION**  
**ST LUCIE NUCLEAR PLANT, UNIT 1**  
**DOCKET NO. 50-335**  
**RELIEF REQUEST NUMBER 3, REVISION 0**  
**PROPOSED ALTERNATIVE REQUIREMENTS**  
**FOR THE REPAIR OF INTAKE COOLING SYSTEM PIPING**  
**CACs MF9288**

RAI-MF9288-EPNB-01

By letter dated February 16, 2017, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML17047A283), Florida Power & Light (the licensee) requested the U.S. Nuclear Regulatory Commission (NRC) to authorize an alternative to the requirements of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (ASME Code) regarding the repair of Intake Cooling Water (ICW) System piping at St. Lucie Unit 1 for the fifth 10-year inservice inspection interval (ISI). This current Relief Request is identified as Relief Request No. 3, Revision 0.

By letter dated August 5, 2013 (ADAMS Accession No. ML13220A029) the licensee submitted Relief Request No. 7, Revision 0, as an alternative to ASME Code regarding the repair of ICW system piping during the fourth 10-year ISI interval at St. Lucie Unit 1. The licensee provided supplemental information in a letter dated August 30, 2013 (ADAMS Accession No. ML13283A011), and an E-mail dated November 22, 2013 (ADAMS Accession No. ML13329A594). The NRC issued the safety evaluation for the fourth 10-year ISI interval Relief Request No. 7, Revision 0 on January 30, 2014 (ADAMS No. ML14013A304).

The NRC staff notes that the fourth 10-year ISI Relief Request No. 7, Revision 0 and the current fifth 10-year ISI Relief Request No. 3, Revision 0 appear to be identical except for the interval identified, Code Edition and Addenda, and the reference to two additional repairs performed on I-30"-CW-29. Attachment 2 of the August 5, 2013, request letter provided calculations, including minimum wall thickness, for various sized plate repairs.

Please provide verification that Attachment 2 of the August 5, 2013, letter referenced above is applicable to the current requested alternative. If the information in Attachment 2 is not applicable to Relief Request No. 3, Revision 0, please supplement the current request with updated calculations.

Similarly, please provide verification that the fourth 10-year ISI Relief Request No. 7, Revision 0 supplemental information provided in the August 30, 2013, letter and the November 22, 2013, email, as referenced above, is applicable to the current requested alternative. If the 2013 information is not applicable to Relief Request No. 3, Revision 0, please provide like supplemental information that is applicable to the current request.