



Mr. James P. O'Reilly  
Regional Administrator, Region II  
U.S. Nuclear Regulatory Commission  
101 Marietta Street, Suite 3100  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

RE: St. Lucie Unit 2  
DOCKET NO. 50-389, 10 CFR 50.55(e), 82-025  
INSULATION ON CONAX RING TONGUE CONNECTORS

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REGION II  
ATLANTA

On November 10, 1982, Florida Power and Light Company (FPL) notified the Region II Office of Inspection and Enforcement, in accordance with the requirements of 10 CFR 50.55(e), of a potential deficiency involving the insulation on the Conax support ring tongue connectors. The insulation installed on the Conax penetrations, which was intended to cover the ring tongue connector barrels, has in some cases also partially covered the ring tongue connector surface. This could possibly lead to an improper electrical connection.

The vendor, Conax, has conducted a test in which the results indicate that if the terminal block nuts are torqued to a proper magnitude, the ring tongue connector will function properly. Florida Power and Light Company is currently checking a statistical sample of randomly selected ring tongue connectors to ascertain whether proper torque was applied. We anticipate completion of the testing and our evaluation to support a final response by December 28, 1982.

Very truly yours,

Robert E. Uhrig  
Vice President  
Advanced Systems and Technology

REU/ok

cc: Director of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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