



February 25, 2010

L-2010-033  
10 CFR 50.36  
10 CFR 50.36a

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

Re: St. Lucie Units 1 and 2  
Docket Nos. 50-335 and 50-389  
2009 Annual Radioactive Effluent Release Report

Pursuant to 10 CFR 50.36a(a)(2) and Technical Specification (TS) 6.9.1.7, enclosed is the 2009 Annual Radioactive Effluent Release Report for St. Lucie Units 1 and 2. The report provides information for the 12-month period beginning January 1, 2009 and ending December 31, 2009.

Enclosure A is information for the ground water protection program. Enclosure B is a copy of C-200, Offsite Dose Calculation Manual (ODCM) Revision 32 and marked up pages from Revision 31B of the ODCM.

Please contact us with any questions regarding this submittal.

Sincerely,

A handwritten signature in black ink that reads 'Eric S. Katzman'.

Eric S. Katzman  
Licensing Manager  
St. Lucie Plant

ESK/tlt

Enclosures

A009  
IE48  
NRR