

January 24, 2012

Dr. Said Abdel-Khalik, Chairman  
Advisory Committee on Reactor Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

SUBJECT: REPORT ON THE SAFETY ASPECTS OF THE PROGRESS ENERGY  
FLORIDA COMBINED LICENSE APPLICATION FOR LEVY NUCLEAR PLANT,  
UNITS 1 AND 2

Dear Dr. Abdel-Khalik:

Thank you for your letter of December 7, 2011, in which the Advisory Committee on Reactor Safeguards (ACRS or the Committee) reported on its safety review of the staff's advanced safety evaluation report for the pending Progress Energy Florida combined license application for Levy Nuclear Plant (LNP), Units 1 and 2. This combined license application incorporates by reference the application for the Westinghouse Electric Company AP1000 design certification amendment. ACRS undertook this review to fulfill the requirements of Title 10 of the *Code of Federal Regulations* (10 CFR) 52.87, "Referral to the Advisory Committee on Reactor Safeguards (ACRS)."

In its letter, ACRS concluded that there is reasonable assurance that LNP Units 1 and 2 can be built and operated without undue risk to public health and safety, subject to two recommendations. The enclosure to this letter contains the staff's response to those recommendations for which the Committee sought specific staff action.

S. Abdel-Khalik

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The staff appreciates the Committee's efforts and suggestions. We thank ACRS for its time and its valuable input, and we look forward to working with the Committee in the future.

Sincerely,

*/RA/*

R. W. Borchardt  
Executive Director  
for Operations

Docket Nos. 52-029 and 52-030

Enclosure:  
Staff Response to Recommendations

cc: Chairman Jaczko  
Commissioner Svinicki  
Commissioner Apostolakis  
Commissioner Magwood  
Commissioner Ostendorff  
SECY

S. Abdel-Khalik

-2-

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