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May 10, 2012

U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

Subject: Duke Energy Carolinas, LLC  
McGuire Nuclear Station, Units 1 and 2  
Docket Nos. 50-369 and 50-370  
2011 Annual Radiological Environmental Operating Report

Pursuant to the requirements of Technical Specification 5.6.2 and Selected Licensee Commitment 16.11.16, please find attached the 2011 Annual Radiological Environmental Operating Report. This report covers operation of Units 1 and 2 during the 2011 calendar year.

Questions regarding this report should be directed to Ken Ashe, McGuire Regulatory Compliance Manager at (980) 875-4535.

Regis T. Repko

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