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U. S. Nuclear Regulatory Commission  
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Subject: Duke Energy Carolinas, LLC  
McGuire Nuclear Station  
Docket Nos. 50-369 and 50-370  
Annual Radiological Environmental Operating Report

Pursuant to the requirements of Technical Specification 5.6.2, attached is the Annual Radiological Environmental Operating Report for the 2010 calendar year.

Questions regarding this report should be directed to Kay Crane, McGuire Regulatory Compliance at (980) 875-4306.

Regis T. Repko

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