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June 21, 2010

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

Subject: Duke Energy Carolinas, LLC (Duke Energy)  
Catawba Nuclear Station, Units 1 and 2  
Facility Operating License Numbers NPF-35 and NPF-52  
Docket Numbers 50-413 and 50-414  
Independent Spent Fuel Storage Installation (ISFSI)  
ISFSI Docket Number 72-45  
Registration of Spent Fuel Storage Cask

Catawba Nuclear Station is currently loading spent nuclear fuel into NAC-UMS dry cask storage systems as controlled by Certificate of Compliance No. 1015, Amendment No. 4. In accordance with 10 CFR 72.212(b)(1)(ii), Duke hereby registers the use of cask serial number CN0FCTKN029. Loading of cask CN0FCTKN029 was completed and the cask was placed on the ISFSI pad on June 14, 2010.

There are no NRC commitments contained in this letter.

Please direct questions on this matter to L.J. Rudy, Catawba Regulatory Compliance, at (803) 701-3084.

Very truly yours,

James R. Morris

LJR/s

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