



**R. Michael Glover**  
General Manager, Nuclear Support  
Nuclear Generation

**Duke Energy Corporation**  
526 South Church Street  
Charlotte, NC 28202

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EC07H  
Charlotte, NC 28201-1006

**704-382-6108**

Mike.Glover@duke-energy.com

January 24, 2011

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-0001

Subject: Duke Energy Carolinas, LLC (Duke Energy)  
Oconee Nuclear Station, Units 1, 2, and 3, Docket Nos. 50-269, 50-270, 50-287  
McGuire Nuclear Station, Units 1 and 2, Docket Nos. 50-369, 50-370  
Catawba Nuclear Station, Units 1 and 2, Docket Nos. 50-413, 50-414

#### 2011 Nuclear Energy Liability Endorsements

In accordance with 10 CFR 140.15, certified copies of liability insurance policy endorsements effective January 1, 2011 for each Duke Energy nuclear plant are submitted to the Commission to formally document that Duke Energy is maintaining financial protection requirements through the continuation of the American Nuclear Insurers / Nuclear Energy Liability Policies.

In accordance with 10 CFR 140.21, each Duke Energy operational power reactor participates in the industry retrospective rating plan as required by Section 170 of the Atomic Energy Act. Such participation is evidenced by certificate to the Master Policy in the custody of the NRC – Nuclear Energy Liability Insurance (Secondary Financial Protection), issued by American Nuclear Insurers / Nuclear Energy Liability Insurance Association. Duke Energy submits these Certified Endorsements to the Commission following the renewal of such certificates on January 1<sup>st</sup> of each year in accordance with Section 140.15(e) as described above.

Federal Register 72FR59574/Vol. 72, No. 203/Monday, October 22, 2007/Notices, states:

*The method described in Regulatory Guide 9.4 unnecessarily duplicates other financial and insurance verification documents submitted by the licensees to demonstrate compliance with other sections of 10 CFR part 140. Rather than submit separate cash flow and financial assurance statements, licensees may submit proof of sufficient insurance bonding through American Nuclear Insurers or similar insurance groups. This insurance bond meets the requirements of 10 CFR 140.21(a) and eliminates the need for a separate cash flow statement.*

Based on the above described *Federal Register* notice, Duke Energy considers the submission of these Secondary Financial Protection Certified Endorsements to the Commission sufficient to satisfy its 10 CFR 140.21 reporting requirement.

Please advise immediately if the NRC ever determines that additional information is needed to demonstrate compliance with 10CFR140.21, "Annual reporting requirement of guarantee of payment of deferred premiums."

A summary list of the endorsement is provided in Attachment 1 to this letter. Copies of the certified endorsements are provided in Attachment 2 for Oconee, in Attachment 3 for McGuire, and in Attachment 4 for Catawba.

There are no new commitments made in this letter. If you have any questions, please contact Luellen Jones at 704 382-4753 ([Luellen.Jones@duke-energy.com](mailto:Luellen.Jones@duke-energy.com)).

Sincerely,

A handwritten signature in black ink that reads "R. Michael Glover". The signature is written in a cursive style with a large, stylized "G" at the end.

R. Michael Glover  
General Manager, Nuclear Support

xc:

V. M. McCree, Region II Administrator  
U.S. Nuclear Regulatory Commission  
Marquis One Tower  
245 Peachtree Center Ave., NE Suite 1200  
Atlanta, Georgia 30303-1257

I. P. Dinitz, Insurance Indemnity Specialist  
11555 Rockville Pike  
Mail Stop 0-12 D3  
Rockville, MD 20852-2738

J. F. Stang, Jr., Senior Project Manager (ONS)  
U.S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Mail Stop 0-8 G9A  
Rockville, MD 20852-2738

J. H. Thompson, Project Manager (CNS & MNS)  
U. S. Nuclear Regulatory Commission  
11555 Rockville Pike  
Mail Stop 0-8 G9A  
Rockville, MD 20852-2738

A. T. Sabisch  
NRC Senior Resident Inspector  
Oconee Nuclear Station

J. B. Brady  
NRC Senior Resident Inspector  
McGuire Nuclear Station

G. A. Hutto, III  
NRC Senior Resident Inspector  
Catawba Nuclear Station

**Attachment 1**

Nuclear Liability Policies of Insurance  
Certified True Copies of Endorsements Effective January 1, 2011

**Duke Energy Carolinas, LLC – Oconee Nuclear Station**

**Facility Form**

American Nuclear Insurers Policy No. NF-0182  
Endorsement No. 184

**Facility Workers Form**

American Nuclear Insurers Policy No. NW-0569  
Endorsement No. 18

**Secondary Financial Protection**

American Nuclear Insurers Policy No. N-0022  
Endorsement No. 50  
American Nuclear Insurers Policy No. N-0023  
Endorsement No. 50  
American Nuclear Insurers Policy No. N-0024  
Endorsement No. 50

**Duke Energy Carolinas, LLC – McGuire Nuclear Station**

**Facility Form**

American Nuclear Insurers Policy No. NF-0248  
Endorsement No. 141

**Facility Workers Form**

American Nuclear Insurers Policy No. NW-0615  
Endorsement No. 18

**Secondary Financial Protection**

American Nuclear Insurers Policy No. N-0069  
Endorsement No. 50  
American Nuclear Insurers Policy No. N-0092  
Endorsement No. 48

**Duke Energy Carolinas, LLC – Catawba Nuclear Station**

**Facility Form**

American Nuclear Insurers Policy No. NF-0281  
Endorsement No. 133

**Facility Workers Form**

American Nuclear Insurers Policy No. NW-0637  
Endorsement No. 20

**Secondary Financial Protection**

American Nuclear Insurers Policy No. N-0097  
Endorsement No. 51  
American Nuclear Insurers Policy No. N-0106  
Endorsement No. 46

**Attachment 2**

Nuclear Liability Policies of Insurance  
Certified True Copies of Endorsements Effective January 1, 2011

For

**Oconee Nuclear Station**

**NUCLEAR ENERGY LIABILITY INSURANCE  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 2011

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$1,221,097.00**
  
2. **STANDARD PREMIUM AND RESERVE PREMIUM:** In the absence of a change in the Advance Premium indicated above, it is agreed that, subject to the provisions of the Industry Credit Rating Plan, the Standard Premium is said Advance Premium and the Reserve Premium is: **\$937,076.00**

This is to certify that this is a true copy of the original Endorsement having the endorsement number and being made part of the Nuclear Energy Liability Policy (Facility Form) as designated hereon. No insurance is afforded hereunder.

  
Gary S. Uricchio, Vice President - Underwriting  
American Nuclear Insurers

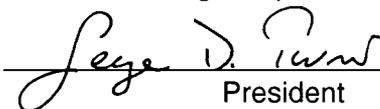
Effective Date of  
this Endorsement: **January 1, 2011**  
(12:01 A.M. Standard Time)

To form a part of Policy No. **NF -0182**

Issued To: **Duke Energy Carolinas, LLC**

Date of Issue: **December 2, 2010**

For the subscribing companies

By   
President

Endorsement No: **184**

Countersigned by 

**NUCLEAR ENERGY LIABILITY INSURANCE  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 2011

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$156,897.00**
  
2. **STANDARD PREMIUM AND RESERVE PREMIUM:** In the absence of a change in the Advance Premium indicated above, it is agreed that, subject to the provisions of the Industry Credit Rating Plan, the Standard Premium is said Advance Premium and the Reserve Premium is: **\$120,150.00**

This is to certify that this is a true copy of the original Endorsement having the endorsement number and being made part of the Certificate of Insurance bearing the number designated hereon for insurance coverage under the Nuclear Energy Liability Policy (Facility Workers Form). No insurance is afforded hereunder.

  
Gary S. Uicchio, Vice President - Underwriting  
American Nuclear Insurers

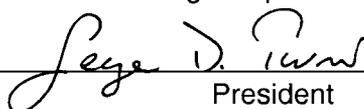
Effective Date of  
this Endorsement: **January 1, 2011**  
(12:01 A.M. Standard Time)

To form a part of Certificate No. **NW -0569**

Issued To: **Duke Energy Carolinas, LLC**

Date of Issue: **November 8, 2010**

For the subscribing companies

By   
President

Endorsement No: **18**

Countersigned by 

CERTIFIED COPY

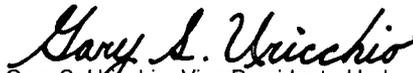
**NUCLEAR ENERGY LIABILITY INSURANCE  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

ANNUAL PREMIUM ENDORSEMENT

CALENDAR YEAR 2011

1. **ANNUAL PREMIUM:** It is agreed that the Annual Premium due the companies for the period designated above is: **\$9,492.00**

This is to certify that this is a true copy of the original Certificate, bearing the number designated hereon, for insurance coverage under the Master Policy-Nuclear Energy Liability Insurance (Secondary Financial Protection). No insurance is afforded by this copy.

  
Gary S. Uricchio, Vice President - Underwriting  
American Nuclear Insurers

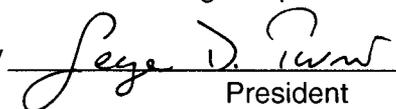
Effective Date of  
this Endorsement: **January 1, 2011**  
(12:01 A.M. Standard Time)

To form a part of Certificate No. N -0022

Issued To: **Duke Energy Carolinas, LLC**

Date of Issue: **November 5, 2010**

For the subscribing companies

By   
President

Endorsement No: **50**

Countersigned by 

CERTIFIED COPY

**NUCLEAR ENERGY LIABILITY INSURANCE  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

ANNUAL PREMIUM ENDORSEMENT

CALENDAR YEAR 2011

1. **ANNUAL PREMIUM:** It is agreed that the Annual Premium due the companies for the period designated above is: **\$9,492.00**

This is to certify that this is a true copy of the original Certificate, bearing the number designated heron, for insurance coverage under the Master Policy-Nuclear Energy Liability Insurance (Secondary Financial Protection). No insurance is afforded by this copy.

  
Gary S. Urlicchio, Vice President - Underwriting  
American Nuclear Insurers

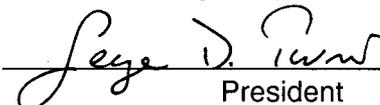
Effective Date of  
this Endorsement: **January 1, 2011**  
(12:01 A.M. Standard Time)

To form a part of Certificate No. N -0023

Issued To: **Duke Energy Carolinas, LLC**

Date of Issue: **November 5, 2010**

For the subscribing companies

By   
President

Endorsement No: **50**

Countersigned by 

CERTIFIED COPY

**NUCLEAR ENERGY LIABILITY INSURANCE  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

ANNUAL PREMIUM ENDORSEMENT

CALENDAR YEAR 2011

1. **ANNUAL PREMIUM:** It is agreed that the Annual Premium due the companies for the period designated above is: **\$9,492.00**

This is to certify that this is a true copy of the original Certificate, bearing the number designated hereon, for insurance coverage under the Master Policy-Nuclear Energy Liability Insurance (Secondary Financial Protection). No insurance is afforded by this copy.

*Gary S. Uricchio*

Gary S. Uricchio, Vice President - Underwriting  
American Nuclear Insurers

Effective Date of  
this Endorsement: **January 1, 2011**  
(12:01 A.M. Standard Time)

To form a part of Certificate No. N -0024

Issued To: **Duke Energy Carolinas, LLC**

Date of Issue: **November 5, 2010**

For the subscribing companies

By *Sege D. Tamm*  
President

Endorsement No: **50**

Countersigned by *Gary S. Uricchio*

CERTIFIED COPY

**Attachment 3**

Nuclear Liability Policies of Insurance  
Certified True Copies of Endorsements Effective January 1, 2011

For

**McGuire Nuclear Station**

**NUCLEAR ENERGY LIABILITY INSURANCE  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 2011

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$1,571,555.00**
  
2. **STANDARD PREMIUM AND RESERVE PREMIUM:** In the absence of a change in the Advance Premium indicated above, it is agreed that, subject to the provisions of the Industry Credit Rating Plan, the Standard Premium is said Advance Premium and the Reserve Premium is: **\$1,206,198.00**

This is to certify that this is a true copy of the original Endorsement having the endorsement number and being made part of the Nuclear Energy Liability Policy (Facility Form) as designated hereon. No insurance is afforded hereunder.

  
Gary S. Uicchio, Vice President - Underwriting  
American Nuclear Insurers

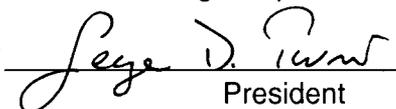
Effective Date of  
this Endorsement: **January 1, 2011**  
(12:01 A.M. Standard Time)

To form a part of Policy No. **NF -0248**

Issued To: **Duke Energy Carolinas, LLC**

Date of Issue: **December 2, 2010**

For the subscribing companies

By   
President

Endorsement No: **141**

Countersigned by 

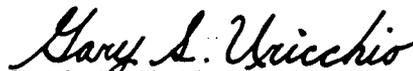
**NUCLEAR ENERGY LIABILITY INSURANCE  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 2011

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$104,598.00**
  
2. **STANDARD PREMIUM AND RESERVE PREMIUM:** In the absence of a change in the Advance Premium indicated above, it is agreed that, subject to the provisions of the Industry Credit Rating Plan, the Standard Premium is said Advance Premium and the Reserve Premium is: **\$80,100.00**

This is to certify that this is a true copy of the original Endorsement having the endorsement number and being made part of the Certificate of Insurance bearing the number designated hereon for insurance coverage under the Nuclear Energy Liability Policy (Facility Workers Form). No insurance is afforded hereunder.

  
Gary S. Uicchio, Vice President - Underwriting  
American Nuclear Insurers

Effective Date of  
this Endorsement: **January 1, 2011**  
(12:01 A.M. Standard Time)

To form a part of Certificate No. **NW -0615**

Issued To: **Duke Energy Carolinas, LLC**

Date of Issue: **November 8, 2010**

For the subscribing companies

By   
President

Endorsement No: **18**

Countersigned by 

CERTIFIED COPY

**NUCLEAR ENERGY LIABILITY INSURANCE  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

ANNUAL PREMIUM ENDORSEMENT

CALENDAR YEAR 2011

1. **ANNUAL PREMIUM:** It is agreed that the Annual Premium due the companies for the period designated above is: **\$9,492.00**

This is to certify that this is a true copy of the original Certificate, bearing the number designated hereon, for insurance coverage under the Master Policy-Nuclear Energy Liability Insurance (Secondary Financial Protection). No insurance is afforded by this copy.

*Gary S. Uricchio*

Gary S. Uricchio, Vice President - Underwriting  
American Nuclear Insurers

Effective Date of  
this Endorsement: **January 1, 2011**  
(12:01 A.M. Standard Time)

To form a part of Certificate No. N -0069

Issued To: **Duke Energy Carolinas, LLC**

Date of Issue: **November 5, 2010**

For the subscribing companies

By *Sege D. Tunn*  
President

Endorsement No: **50**

Countersigned by *Gary S. Uricchio*

CERTIFIED COPY

**NUCLEAR ENERGY LIABILITY INSURANCE  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

ANNUAL PREMIUM ENDORSEMENT

CALENDAR YEAR 2011

1. **ANNUAL PREMIUM:** It is agreed that the Annual Premium due the companies for the period designated above is: **\$9,492.00**

This is to certify that this is a true copy of the original Certificate, bearing the number designated hereon, for insurance coverage under the Master Policy-Nuclear Energy Liability Insurance (Secondary Financial Protection). No insurance is afforded by this copy.

  
Gary S. Urlicchio, Vice President - Underwriting  
American Nuclear Insurers

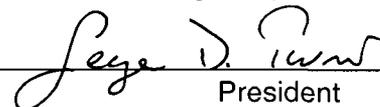
Effective Date of  
this Endorsement: **January 1, 2011**  
(12:01 A.M. Standard Time)

To form a part of Certificate No. N -0092

Issued To: **Duke Energy Carolinas, LLC**

Date of Issue: **November 5, 2010**

For the subscribing companies

By   
President

Endorsement No: **48**

Countersigned by 

CERTIFIED COPY

**Attachment 4**

Nuclear Liability Policies of Insurance  
Certified True Copies of Endorsements Effective January 1, 2011

For

**Catawba Nuclear Station**

**NUCLEAR ENERGY LIABILITY INSURANCE  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 2011

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$1,451,476.00**
  
2. **STANDARD PREMIUM AND RESERVE PREMIUM:** In the absence of a change in the Advance Premium indicated above, it is agreed that, subject to the provisions of the Industry Credit Rating Plan, the Standard Premium is said Advance Premium and the Reserve Premium is: **\$1,113,988.00**

This is to certify that this is a true copy of the original Endorsement having the endorsement number and being made part of the Nuclear Energy Liability Policy (Facility Form) as designated hereon. No insurance is afforded hereunder.

  
Gary S. Uicchio, Vice President - Underwriting  
American Nuclear Insurers

Effective Date of  
this Endorsement: **January 1, 2011**  
(12:01 A.M. Standard Time)

To form a part of Policy No. **NF -0281**

Issued To: **Duke Energy Carolinas, LLC**

Date of Issue: **December 2, 2010**

For the subscribing companies

By   
President

Endorsement No: **133**

Countersigned by 

NE-36

CERTIFIED COPY

**NUCLEAR ENERGY LIABILITY INSURANCE  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

ADVANCE PREMIUM AND STANDARD PREMIUM ENDORSEMENT

CALENDAR YEAR 2011

1. **ADVANCE PREMIUM:** It is agreed that the Advance Premium due the companies for the period designated above is: **\$104,598.00**
  
2. **STANDARD PREMIUM AND RESERVE PREMIUM:** In the absence of a change in the Advance Premium indicated above, it is agreed that, subject to the provisions of the Industry Credit Rating Plan, the Standard Premium is said Advance Premium and the Reserve Premium is: **\$80,100.00**

This is to certify that this is a true copy of the original Endorsement having the endorsement number and being made part of the Certificate of Insurance bearing the number designated hereon for insurance coverage under the Nuclear Energy Liability Policy (Facility Workers Form). No insurance is afforded hereunder.

  
Gary S. Uricchio, Vice President - Underwriting  
American Nuclear Insurers

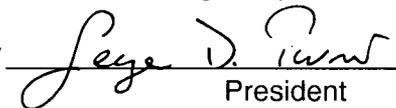
Effective Date of  
this Endorsement: **January 1, 2011**  
(12:01 A.M. Standard Time)

To form a part of Certificate No. **NW -0637**

Issued To: **Duke Energy Carolinas, LLC**

Date of Issue: **November 8, 2010**

For the subscribing companies

By   
President

Endorsement No: **20**

Countersigned by 

CERTIFIED COPY

**NUCLEAR ENERGY LIABILITY INSURANCE  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

ANNUAL PREMIUM ENDORSEMENT

CALENDAR YEAR 2011

1. **ANNUAL PREMIUM:** It is agreed that the Annual Premium due the companies for the period designated above is: **\$9,492.00**

This is to certify that this is a true copy of the original Certificate, bearing the number designated hereon, for insurance coverage under the Master Policy-Nuclear Energy Liability Insurance (Secondary Financial Protection). No insurance is afforded by this copy.

  
Gary S. Uicchio, Vice President - Underwriting  
American Nuclear Insurers

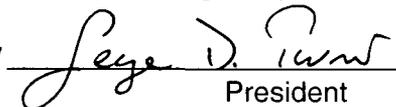
Effective Date of  
this Endorsement: **January 1, 2011**  
(12:01 A.M. Standard Time)

To form a part of Certificate No. N -0097

Issued To: **Duke Energy Carolinas, LLC, North Carolina Municipal Power Agency Number 1, North Carolina Electric Membership Corporation and Piedmont Municipal Power Agency**

Date of Issue: **November 5, 2010**

For the subscribing companies

By   
President

Endorsement No: **51**

Countersigned by 

CERTIFIED COPY

**NUCLEAR ENERGY LIABILITY INSURANCE  
NUCLEAR ENERGY LIABILITY INSURANCE ASSOCIATION**

ANNUAL PREMIUM ENDORSEMENT

CALENDAR YEAR 2011

1. **ANNUAL PREMIUM:** It is agreed that the Annual Premium due the companies for the period designated above is: **\$9,492.00**

This is to certify that this is a true copy of the original Certificate, bearing the number designated heron, for insurance coverage under the Master Policy-Nuclear Energy Liability Insurance (Secondary Financial Protection). No insurance is afforded by this copy.

  
Gary S. Uicchio, Vice President - Underwriting  
American Nuclear Insurers

Effective Date of  
this Endorsement: **January 1, 2011**  
(12:01 A.M. Standard Time)

To form a part of Certificate No. N -0106

Issued To: **Duke Energy Carolinas, LLC, North Carolina Municipal Power Agency Number 1, North Carolina Electric Membership Corporation and Piedmont Municipal Power Agency**

Date of Issue: **November 5, 2010**

For the subscribing companies

By   
President

Endorsement No: **46**

Countersigned by 

CERTIFIED COPY