



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

July 29, 2011

Mr. Michael R. Glover  
General Manager, Nuclear Support  
Nuclear Generation  
Duke Energy Carolinas, LLC  
P.O. Box 1006  
Charlotte, NC 28201-1006

SUBJECT: CATAWBA NUCLEAR STATION, UNITS 1 AND 2, MCGUIRE NUCLEAR STATION, UNITS 1 AND 2, AND OCONEE NUCLEAR STATION, UNITS 1, 2, AND 3, ISSUANCE OF AMENDMENTS REGARDING CHANGES TO THE EMERGENCY PLANS (TAC NOS. ME4446, ME4447, ME4448, ME4449, ME4450, ME4451, AND ME4452)

Dear Mr. Glover:

The Nuclear Regulatory Commission has issued the enclosed Amendment No. 265 to Renewed Facility Operating License NPF-35 and Amendment No. 261 to Renewed Facility Operating License NPF-52 for the Catawba Nuclear Station, Units 1 and 2, Amendment No. 263 to Renewed Facility Operating License NPF-9 and Amendment No. 243 to Renewed Facility Operating License NPF-17 for the McGuire Nuclear Station, Units 1 and 2, and Amendment Nos. 376, 378, and 377 to Renewed Facility Operating Licenses DPR-38, DPR-47, and DPR-55, for the Oconee Nuclear Station, Units 1, 2, and 3, respectively. The amendments approve changes to the emergency plans in response to your application dated July 28, 2010, as supplemented March 3, 2011.

These amendments approve changes to each station emergency plans to allow changes to the minimum staffing requirement during emergencies.


A copy of the related Safety Evaluation is also enclosed. A Notice of Issuance will be included in the Commission's biweekly *Federal Register* notice.

M. Glover

- 2 -

If you have any questions, please call me at 301-415-1345.

Sincerely,

A handwritten signature in black ink, appearing to read "John Stang" followed by "for JS".

John Stang, Senior Project Manager  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-413, 50-414, 50-369, 50-370,  
50-269, 50-270, and 50-287

Enclosures:

1. Amendment No. 265 to NPF-35
2. Amendment No. 261 to NPF-52
3. Amendment No. 263 to NPF-9
4. Amendment No. 243 to NPF-17
5. Amendment No. 376 to DPR-38
6. Amendment No. 378 to DPR-47
7. Amendment No. 377 to DPR-55
8. Safety Evaluation

cc w/encls: Distribution via Listserv



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

DUKE ENERGY CAROLINAS, LLC  
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION  
DOCKET NO. 50-413  
CATAWBA NUCLEAR STATION, UNIT 1  
AMENDMENT TO RENEWED FACILITY OPERATING LICENSE

Amendment No. 265  
Renewed License No. NPF-35

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment to the Catawba Nuclear Station, Unit 1 (the facility) Renewed Facility Operating License No. NPF-35 filed by the Duke Energy Carolinas, LLC, acting for itself, and North Carolina Electric Membership Corporation (licensees), dated July 28, 2010, as supplemented March 3, 2011, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations as set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the Renewed Facility Operating License No. NPF-35 is amended as indicated in the attachment to this license amendment. The license is amended to authorize changes to the Catawba Nuclear Station Emergency Plan as set forth in the application for amendment by the licensee dated July 28, 2010, as supplemented by letter dated March 3, 2011, and as evaluated in the NRC staff's safety evaluation for this amendment.
3. This license amendment is effective as of its date of issuance and shall be implemented within 90 days of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, appearing to read "Eric J. Leeds". The signature is fluid and cursive, with a large initial "E" and "L".

Eric J. Leeds, Director  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to License No. NPF-35

Date of Issuance: July 29, 2011



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
WASHINGTON, D.C. 20555-0001

DUKE ENERGY CAROLINAS, LLC

NORTH CAROLINA MUNICIPAL POWER AGENCY NO. 1

PIEDMONT MUNICIPAL POWER AGENCY

DOCKET NO. 50-414

CATAWBA NUCLEAR STATION, UNIT 2

AMENDMENT TO RENEWED FACILITY OPERATING LICENSE

Amendment No. 261  
Renewed License No. NPF-52

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment to the Catawba Nuclear Station, Unit 2 (the facility) Renewed Facility Operating License No. NPF-52 filed by the Duke Energy Carolinas, LLC, acting for itself, North Carolina Municipal Power Agency No. 1 and Piedmont Municipal Power Agency (licensees), dated July 28, 2010, as supplemented March 3, 2011, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations as set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the Renewed Facility Operating License No. NPF-52 is amended as indicated in the attachment to this license amendment. The license is amended to authorize changes to the Catawba Nuclear Station Emergency Plan as set forth in the application for amendment by the licensee dated July 28, 2010, as supplemented by letter dated March 3, 2011, and as evaluated in the NRC staff's safety evaluation for this amendment.
3. This license amendment is effective as of its date of issuance and shall be implemented within 90 days of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, appearing to read "Eric J. Leeds". The signature is fluid and cursive, with a prominent initial "E" and a long, sweeping underline.

Eric J. Leeds, Director  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to License No. NPF-52

Date of Issuance: July 29, 2011



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

DUKE ENERGY CAROLINAS, LLC

DOCKET NO. 50-369

MCGUIRE NUCLEAR STATION, UNIT 1

AMENDMENT TO RENEWED FACILITY OPERATING LICENSE

Amendment No. 263  
Renewed License No. NPF-9

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment to the McGuire Nuclear Station, Unit 1 (the facility), Renewed Facility Operating License No. NPF-9, filed by the Duke Energy Carolinas, LLC (licensee), dated July 28, 2010, as supplemented March 3, 2011, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations as set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the Renewed Facility Operating License No. NPF-9 is amended as indicated in the attachment to this license amendment. The license is amended to authorize changes to the McGuire Nuclear Station Emergency Plan as set forth in the application for amendment by the licensee dated July 28, 2010, as supplemented by letter dated March 3, 2011, and as evaluated in the NRC staff's safety evaluation for this amendment.
3. This license amendment is effective as of its date of issuance and shall be implemented within 90 days of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, appearing to read "Eric J. Leeds". The signature is fluid and cursive, with a large initial "E" and "L".

Eric J. Leeds, Director  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to License No. NPF-9

Date of Issuance: July 29, 2011





UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

DUKE ENERGY CAROLINAS, LLC

DOCKET NO. 50-370

MCGUIRE NUCLEAR STATION, UNIT 2

AMENDMENT TO RENEWED FACILITY OPERATING LICENSE

Amendment No. 243  
Renewed License No. NPF-17

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment to the McGuire Nuclear Station, Unit 2 (the facility), Renewed Facility Operating License No. NPF-17, filed by the Duke Energy Carolinas, LLC (the licensee), dated July 28, 2010, as supplemented March 3, 2011, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations as set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the Renewed Facility Operating License No. NPF-17 is amended as indicated in the attachment to this license amendment. The license is amended to authorize changes to the McGuire Nuclear Station Emergency Plan as set forth in the application for amendment by the licensee dated July 28, 2010, as supplemented by letter dated March 3, 2011, and as evaluated in the NRC staff's safety evaluation for this amendment.
3. This license amendment is effective as of its date of issuance and shall be implemented within 90 days of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, appearing to read "Eric J. Leeds", is written over a horizontal line.

Eric J. Leeds, Director  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to License No. NPF-17

Date of Issuance: July 29, 2011



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

DUKE ENERGY CAROLINAS, LLC

DOCKET NO. 50-269

OCONEE NUCLEAR STATION, UNIT 1

AMENDMENT TO RENEWED FACILITY OPERATING LICENSE

Amendment No. 376  
Renewed License No. DPR-38

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment to the Oconee Nuclear Station, Unit 1 (the facility), Renewed Facility Operating License No. DPR-38 filed by the Duke Energy Carolinas, LLC (the licensee), dated July 28, 2010, as supplemented March 3, 2011, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations as set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the Renewed Facility Operating License No. DPR-38 is amended as indicated in the attachment to this license amendment. The license is amended to authorize changes to the Oconee Nuclear Station Emergency Plan as set forth in the application for amendment by the licensee dated July 28, 2010, as supplemented by letter dated March 3, 2011, and as evaluated in the NRC staff's safety evaluation for this amendment.
3. This license amendment is effective as of its date of issuance and shall be implemented within 90 days of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, appearing to read "Eric J. Leeds". The signature is written in a cursive style with a large initial "E".

Eric J. Leeds, Director  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to Renewed Facility  
Operating License No. DPR-38

Date of Issuance: July 29, 2011



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

DUKE ENERGY CAROLINAS, LLC

DOCKET NO. 50-270

OCONEE NUCLEAR STATION, UNIT 2

AMENDMENT TO RENEWED FACILITY OPERATING LICENSE

Amendment No. 378  
Renewed License No. DPR-47

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment to the Oconee Nuclear Station, Unit 2 (the facility), Renewed Facility Operating License No. DPR-47 filed by the Duke Energy Carolinas, LLC (the licensee), dated July 28, 2010, as supplemented March 3, 2011, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations as set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the Renewed Facility Operating License No. DPR-47 is amended as indicated in the attachment to this license amendment. The license is amended to authorize changes to the Oconee Nuclear Station Emergency Plan as set forth in the application for amendment by the licensee dated July 28, 2010, as supplemented by letter dated March 3, 2011, and as evaluated in the NRC staff's safety evaluation for this amendment.
3. This license amendment is effective as of its date of issuance and shall be implemented within 90 days of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, appearing to read "E. J. Leeds", written in a cursive style.

Eric J. Leeds, Director  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to Renewed Facility  
Operating License No. DPR-47

Date of Issuance: July 29, 2011



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

DUKE ENERGY CAROLINAS, LLC

DOCKET NO. 50-287

OCONEE NUCLEAR STATION, UNIT 3


AMENDMENT TO RENEWED FACILITY OPERATING LICENSE

Amendment No. 377  
Renewed License No. DPR-55

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment to the Oconee Nuclear Station, Unit 3 (the facility), Renewed Facility Operating License No. DPR-55 filed by the Duke Energy Carolinas, LLC (the licensee), dated July 28, 2010, as supplemented March 3, 2011, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations as set forth in 10 CFR Chapter I;
  - B. The facility will operate in conformity with the application, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations set forth in 10 CFR Chapter I;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, the Renewed Facility Operating License No. DPR-55 is amended as indicated in the attachment to this license amendment. The license is amended to authorize changes to the Oconee Nuclear Station Emergency Plan as set forth in the application for amendment by the licensee dated July 28, 2010, as supplemented by letter dated March 3, 2011, and as evaluated in the NRC staff's safety evaluation for this amendment.
3. This license amendment is effective as of its date of issuance and shall be implemented within 90 days of issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, appearing to read "Eric J. Leeds". The signature is fluid and cursive, with a large initial "E" and "L".

Eric J. Leeds, Director  
Office of Nuclear Reactor Regulation

Attachment:  
Changes to Renewed Facility  
Operating License No. DPR-55

Date of Issuance: July 29, 2011



ATTACHMENT TO  
LICENSE AMENDMENT NO. 265  
RENEWED FACILITY OPERATING LICENSE NO. NPF-35  
DOCKET NO. 50-413  
AND LICENSE AMENDMENT NO. 261  
RENEWED FACILITY OPERATING LICENSE NO. NPF-52  
DOCKET NO. 50-414

Replace the following pages of the Renewed Facility Operating Licenses with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

Remove

License Pages  
NPF-35, page 4  
NPF-52, page 4

Insert

Licenses Pages  
NPF-35, page 4  
NPF-52, page 4

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 265 which are attached hereto, are hereby incorporated into this renewed operating license. Duke Energy Carolinas, LLC shall operate the facility in accordance with the Technical Specifications.

(3) Updated Final Safety Analysis Report

The Updated Final Safety Analysis Report supplement submitted pursuant to 10 CFR 54.21(d), as revised on December 16, 2002, describes certain future activities to be completed before the period of extended operation. Duke shall complete these activities no later than December 6, 2024, and shall notify the NRC in writing when implementation of these activities is complete and can be verified by NRC inspection.

The Updated Final Safety Analysis Report supplement as revised on December 16, 2002, described above, shall be included in the next scheduled update to the Updated Final Safety Analysis Report required by 10 CFR 50.71(e)(4), following issuance of this renewed operating license. Until that update is complete, Duke may make changes to the programs described in such supplement without prior Commission approval, provided that Duke evaluates each such change pursuant to the criteria set forth in 10 CFR 50.59 and otherwise complies with the requirements in that section.

(4) Antitrust Conditions

Duke Energy Carolinas, LLC shall comply with the antitrust conditions delineated in Appendix C to this renewed operating license.

(5) Fire Protection Program (Section 9.5.1, SER, SSER #2, SSER #3, SSER #4, SSER #5)\*

Duke Energy Carolinas, LLC shall implement and maintain in effect all provisions of the approved fire protection program as described in the Updated Final Safety Analysis Report, as amended, for the facility and as approved in the SER through Supplement 5, subject to the following provision:

The licensee may make changes to the approved fire protection program without prior approval of the Commission only if those changes would not adversely affect the ability to achieve and maintain safe shutdown in the event of a fire.

\*The parenthetical notation following the title of this renewed operating license condition denotes the section of the Safety Evaluation Report and/or its supplement wherein this renewed license condition is discussed.

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 261 which are attached hereto, are hereby incorporated into this renewed operating license. Duke Energy Carolinas, LLC shall operate the facility in accordance with the Technical Specifications.

(3) Updated Final Safety Analysis Report

The Updated Final Safety Analysis Report supplement submitted pursuant to 10 CFR 54.21(d), as revised on December 16, 2002, describes certain future activities to be completed before the period of extended operation. Duke shall complete these activities no later than February 24, 2026, and shall notify the NRC in writing when implementation of these activities is complete and can be verified by NRC inspection.

The Updated Final Safety Analysis Report supplement as revised on December 16, 2002, described above, shall be included in the next scheduled update to the Updated Final Safety Analysis Report required by 10 CFR 50.71(e)(4), following issuance of this renewed operating license. Until that update is complete, Duke may make changes to the programs described in such supplement without prior Commission approval, provided that Duke evaluates each such change pursuant to the criteria set forth in 10 CFR 50.59 and otherwise complies with the requirements in that section.

(4) Antitrust Conditions

Duke Energy Carolinas, LLC shall comply with the antitrust conditions delineated in Appendix C to this renewed operating license.

(5) Fire Protection Program (Section 9.5.1, SER, SSER #2, SSER #3, SSER #4, SSER #5)\*

Duke Energy Carolinas, LLC shall implement and maintain in effect all provisions of the approved fire protection program as described in the Updated Final Safety Analysis Report, as amended, for the facility and as approved in the SER through Supplement 5, subject to the following provision:

The licensee may make changes to the approved fire protection program without prior approval of the Commission only if those changes would not adversely affect the ability to achieve and maintain safe shutdown in the event of a fire.

\*The parenthetical notation following the title of this renewed operating license condition denotes the section of the Safety Evaluation Report and/or its supplements wherein this renewed license condition is discussed.

ATTACHMENT TO LICENSE AMENDMENT NO. 263

RENEWED FACILITY OPERATING LICENSE NO. NPF-9

DOCKET NO. 50-369

AND

LICENSE AMENDMENT NO. 243

RENEWED FACILITY OPERATING LICENSE NO. NPF-17

DOCKET NO. 50-370

Replace the following pages of the Renewed Facility Operating Licenses with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

Remove

Insert

License Pages  
NPF-9, page 3  
NPF-17, page 3

License Pages  
NPF-9, page 3  
NPF-17, page 3

- (4) Pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess and use in amounts as required any byproduct, source or special nuclear material without restriction to chemical or physical form, for sample analysis or instrument calibration or associated with radioactive apparatus or components;
- (5) Pursuant to the Act and 10 CFR Parts 30, 40 and 70, to possess, but not separate, such byproducts and special nuclear materials as may be produced by the operation of McGuire Nuclear Station, Units 1 and 2, and;
- (6) Pursuant to the Act and 10 CFR Parts 30 and 40, to receive, possess and process for release or transfer such byproduct material as may be produced by the Duke Training and Technology Center.

C. This renewed operating license shall be deemed to contain and is subject to the conditions specified in the Commission's regulations set forth in 10 CFR Chapter I and is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the additional conditions specified or incorporated below:

(1) Maximum Power Level

The licensee is authorized to operate the facility at a reactor core full steady state power level of 3411 megawatts thermal (100%).

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 263, are hereby incorporated into this renewed operating license. The licensee shall operate the facility in accordance with the Technical Specifications.

(3) Updated Final Safety Analysis Report

The Updated Final Safety Analysis Report supplement submitted pursuant to 10 CFR 54.21(d), as revised on December 16, 2002, describes certain future activities to be completed before the period of extended operation. Duke shall complete these activities no later than June 12, 2021, and shall notify the NRC in writing when implementation of these activities is complete and can be verified by NRC inspection.

The Updated Final Safety Analysis Report supplement as revised on December 16, 2002, described above, shall be included in the next scheduled update to the Updated Final Safety Analysis Report required by 10 CFR 50.71(e)(4), following issuance of this renewed operating license. Until that update is complete, Duke may make changes to the programs described in such supplement without prior Commission approval, provided that Duke evaluates each such change pursuant to the criteria set forth in 10 CFR 50.59 and otherwise complies with the requirements in that section.

- (4) Pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess and use in amounts as required any byproduct, source or special nuclear material without restriction to chemical or physical form, for sample analysis or instrument calibration or associated with radioactive apparatus or components;
  - (5) Pursuant to the Act and 10 CFR Parts 30, 40 and 70, to possess, but not separate, such byproducts and special nuclear materials as may be produced by the operation of McGuire Nuclear Station, Units 1 and 2; and
  - (6) Pursuant to the Act and 10 CFR Parts 30 and 40, to receive, possess and process for release or transfer such byproduct material as may be produced by the Duke Training and Technology Center.
- C. This renewed operating license shall be deemed to contain and is subject to the conditions specified in the Commission's regulations set forth in 10 CFR Chapter I and is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the additional conditions specified or incorporated below:

(1) Maximum Power Level

The licensee is authorized to operate the facility at a reactor core full steady state power level of 3411 megawatts thermal (100%).

(2) Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 243 are hereby incorporated into this renewed operating license. The licensee shall operate the facility in accordance with the Technical Specifications.

(3) Updated Final Safety Analysis Report

The Updated Final Safety Analysis Report supplement submitted pursuant to 10 CFR 54.21(d), as revised on December 16, 2002, describes certain future activities to be completed before the period of extended operation. Duke shall complete these activities no later than March 3, 2023, and shall notify the NRC in writing when implementation of these activities is complete and can be verified by NRC inspection.

The Updated Final Safety Analysis Report supplement as revised on December 16, 2002, described above, shall be included in the next scheduled update to the Updated Final Safety Analysis Report required by 10 CFR 50.71(a)(4), following issuance of this renewed operating license. Until that update is complete, Duke may make changes to the programs described in such supplement without prior Commission approval, provided that Duke evaluates each such change pursuant to the criteria set forth in 10 CFR 50.58, and otherwise complies with the requirements in that section.

ATTACHMENT TO LICENSE AMENDMENT NO. 376  
RENEWED FACILITY OPERATING LICENSE NO. DPR-38  
DOCKET NO. 50-269  
AND  
TO LICENSE AMENDMENT NO. 378  
RENEWED FACILITY OPERATING LICENSE NO. DPR-47  
DOCKET NO. 50-270  
AND  
TO LICENSE AMENDMENT NO. 377  
RENEWED FACILITY OPERATING LICENSE NO. DPR-55  
DOCKET NO. 50-287

Replace the following pages of the Licenses with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

Remove

License Pages  
DPR-38, page 3  
DPR-47, page 3  
DPR-55, page 3

Insert

Licenses Pages  
DPR-38, page 3  
DPR-47, page 3  
DPR-55, page 3

A. Maximum Power Level

The licensee is authorized to operate the facility at steady state reactor core power levels not in excess of 2568 megawatts thermal.

B. Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 376 are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

C. This license is subject to the following antitrust conditions:

Applicant makes the commitments contained herein, recognizing that bulk power supply arrangements between neighboring entities normally tend to serve the public interest. In addition, where there are net benefits to all participants, such arrangements also serve the best interests of each of the participants. Among the benefits of such transactions are increased electric system reliability, a reduction in the cost of electric power, and minimization of the environmental effects of the production and sale of electricity.

Any particular bulk power supply transaction may afford greater benefits to one participant than to another. The benefits realized by a small system may be proportionately greater than those realized by a larger system. The relative benefits to be derived by the parties from a proposed transaction, however, should not be controlling upon a decision with respect to the desirability of participating in the transaction. Accordingly, applicant will enter into proposed bulk power transactions of the types hereinafter described which, on balance, provide net benefits to applicant. There are net benefits in a transaction if applicant recovers the cost of the transaction (as defined in ¶1(d) hereof) and there is no demonstrable net detriment to applicant arising from that transaction.

1. As used herein:

- (a) "Bulk Power" means electric power and any attendant energy, supplied or made available at transmission or sub-transmission voltage by one electric system to another.
- (b) "Neighboring Entity" means a private or public corporation, a governmental agency or authority, a municipality, a cooperative, or a lawful association of any of the foregoing owning or operating, or proposing to own or operate, facilities for the generation and transmission of electricity which meets each of



A. Maximum Power Level

The licensee is authorized to operate the facility at steady state reactor core power levels not in excess of 2568 megawatts thermal.

B. Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 378 are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

C. This license is subject to the following antitrust conditions:

Applicant makes the commitments contained herein, recognizing that bulk power supply arrangements between neighboring entities normally tend to serve the public interest. In addition, where there are net benefits to all participants, such arrangements also serve the best interests of each of the participants. Among the benefits of such transactions are increased electric system reliability, a reduction in the cost of electric power, and minimization of the environmental effects of the production and sale of electricity.

Any particular bulk power supply transaction may afford greater benefits to one participant than to another. The benefits realized by a small system may be proportionately greater than those realized by a larger system. The relative benefits to be derived by the parties from a proposed transaction, however, should not be controlling upon a decision with respect to the desirability of participating in the transaction. Accordingly, applicant will enter into proposed bulk power transactions of the types hereinafter described which, on balance, provide net benefits to applicant. There are net benefits in a transaction if applicant recovers the cost of the transaction (as defined in ¶1(d) hereof) and there is no demonstrable net detriment to applicant arising from that transaction.

1. As used herein:

- (a) "Bulk Power" means electric power and any attendant energy, supplied or made available at transmission or sub-transmission voltage by one electric system to another.
- (b) "Neighboring Entity" means a private or public corporation, a governmental agency or authority, a municipality, a cooperative, or a lawful association of any of the foregoing owning or operating, or proposing to own or operate, facilities for the generation and transmission of electricity which meets each of

A. Maximum Power Level

The licensee is authorized to operate the facility at steady state reactor core power levels not in excess of 2568 megawatts thermal.

B. Technical Specifications

The Technical Specifications contained in Appendix A, as revised through Amendment No. 377 are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

C. This license is subject to the following antitrust conditions:

Applicant makes the commitments contained herein, recognizing that bulk power supply arrangements between neighboring entities normally tend to serve the public interest. In addition, where there are net benefits to all participants, such arrangements also serve the best interests of each of the participants. Among the benefits of such transactions are increased electric system reliability, a reduction in the cost of electric power, and minimization of the environmental effects of the production and sale of electricity.

Any particular bulk power supply transaction may afford greater benefits to one participant than to another. The benefits realized by a small system may be proportionately greater than those realized by a larger system. The relative benefits to be derived by the parties from a proposed transaction, however, should not be controlling upon a decision with respect to the desirability of participating in the transaction. Accordingly, applicant will enter into proposed bulk power transactions of the types hereinafter described which, on balance, provide net benefits to applicant. There are net benefits in a transaction if applicant recovers the cost of the transaction (as defined in ¶1 (d) hereof) and there is no demonstrable net detriment to applicant arising from that transaction.

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION

RELATED TO

AMENDMENT NO. 265 TO RENEWED FACILITY OPERATING LICENSE NPF-35

AMENDMENT NO. 261 TO RENEWED FACILITY OPERATING LICENSE NPF-52

AMENDMENT NO. 263 TO RENEWED FACILITY OPERATING LICENSE NPF-9

AMENDMENT NO. 243 TO RENEWED FACILITY OPERATING LICENSE NPF-17

AMENDMENT NO. 376 TO RENEWED FACILITY OPERATING LICENSE NO. DPR-38

AMENDMENT NO. 378 TO RENEWED FACILITY OPERATING LICENSE NO. DPR-47

AND

AMENDMENT NO. 377 TO RENEWED FACILITY OPERATING LICENSE NO. DPR-55

DUKE ENERGY CAROLINAS, LLC

CATAWBA NUCLEAR STATION, UNITS 1 AND 2

DOCKET NOS. 50-413 AND 50-414

MCGUIRE NUCLEAR STATION, UNITS 1 AND 2

DOCKET NOS. 50-369 AND 50-370

OCONEE NUCLEAR STATION, UNITS 1, 2, AND 3

DOCKET NOS. 50-269, 50-270, AND 50-287

## 1.0 INTRODUCTION

By application dated July 28, 2010 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML 102160312), Duke Energy Carolinas, LLC (Duke, the licensee), as supplemented March 3, 2011 (ADAMS Accession No. ML11200A348), requested changes to the Emergency Plans (EPs) for the Catawba Nuclear Station, Units 1 and 2 (Catawba), McGuire Nuclear Station, Units 1 and 2 (McGuire), and Oconee Nuclear Station, Units 1, 2, and 3 (Oconee).

The proposed changes would revise the EPs for the Catawba, the McGuire, and the Oconee, minimum staffing requirements during emergencies for site Radiation Protection (RP) personnel and Emergency Operations Facility (EOF) staffing. The requested changes include:

1. Increasing the response time requirement for the Technical Support Center (TSC) Dose Assessor position from 45 minutes to 75 minutes;
2. Changing the EOF access control function from a staffed position to a monitored card reader process;
3. Changing the composition of a Field Monitoring Team (FMT) from two RP Technicians to one RP qualified individual and a vehicle driver;
4. Changing RP staffing during emergency response events from RP Technicians to RP qualified individuals; and
5. Editorial changes to clarify the notations in the EPs to provide fleet-wide consistency.

The supplement dated March 3, 2011, provided additional information that clarified the application, did not expand the scope of the application as originally noticed, and did not change the Nuclear Regulatory Commission (NRC) staff's original proposed no significant hazards consideration determination as published in the *Federal Register* on September 7, 2010 (75 FR 54393).

## 2.0 REGULATORY EVALUATION

The regulatory requirements and guidance on which the NRC staff based its review are as follows:

### 2.1 Regulatory Requirements

In Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.47(b)(1), the regulation states, in part, that: "...each principal response organization has staff to respond and to augment its initial response on a continuous basis."

In 10 CFR 50.47(b)(2), the regulation states, in part, that: "...adequate staffing to provide initial facility accident response in key functional areas is maintained at all times," and that "timely augmentation of response capabilities is available...."

In 10 CFR 50, Appendix E, Section IV, Part A, "Organization," the regulation states, in part, that: "The organization for coping with radiological emergencies shall be described, including definition of authorities, responsibilities, and duties of individuals assigned to the licensee's emergency organization...."

### 2.2 Guidance

Regulatory Guide (RG) 1.101, "Emergency Response Planning and Preparedness for Nuclear Power Reactors," provides guidance on methods acceptable to the NRC staff for implementing specific parts of the NRC's regulations, specifically 10 CFR 50.47(b) and Appendix E to Part 50. Revision 2 of RG 1.101 endorses Revision 1 to NUREG-0654/FEMA-REP-1 (NUREG-0654), "Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants," which provides specific acceptance criteria

for complying with the standards set forth in 10 CFR 50.47. These criteria provide a basis for NRC licensees and State and local governments to develop acceptable radiological emergency plans and improve emergency preparedness.

In NUREG-0654, Section II, "Planning Standards and Evaluation Criteria," Evaluation Criteria II.B.1 and II.B.5 address the 10 CFR 50.47(b)(2) planning standard. Evaluation Criterion II.B.1 specifies the onsite emergency organization of plant staff personnel for all shifts, and its relation to the responsibilities and duties of the normal shift complement. Evaluation Criterion II.B.5, states, in part, that:

Each licensee shall specify the positions or title and major tasks to be performed by the persons to be assigned to the functional areas of emergency activity. For emergency situations, specific assignments shall be made for all shifts and for plant staff members, both onsite and away from the site. These assignments shall cover the emergency functions in Table B-1 entitled, "Minimum Staffing Requirements for Nuclear Power Plant Emergencies." The minimum on-shift staffing levels shall be as indicated in Table B-1. The licensee must be able to augment on-shift capabilities within a short period after declaration of an emergency. This capability shall be as indicated in Table B-1.

Pursuant to 10 CFR 50.54(q), a nuclear power reactor licensee is required to seek Commission approval of any changes to its emergency plan(s) that decrease the effectiveness of the plans. Regulatory Issue Summary 2005-02, "Clarifying the Process for Making Emergency Plan Changes," was issued by the NRC to clarify the meaning of "decrease in effectiveness" and the process for making changes to emergency plans, and to provide some examples of changes that are considered to be a decrease in effectiveness.

### 3.0 TECHNICAL EVALUATION

The NRC staff has reviewed the licensee's regulatory and technical analyses in support of its proposed changes to the EPs for Catawba, McGuire, and Oconee, as described in the application dated July 28, 2010, and as supplemented by the letter dated March 3, 2011. The NRC staff's technical evaluation is detailed below.

#### 3.1 Increase the response time requirement for the TSC Dose Assessor from 45 minutes to 75 minutes.

The licensee states that the function of TSC dose assessment members at each nuclear station is to provide the Emergency Coordinator with dose assessment capability and protective action recommendations if needed. The proposed change is to require the TSC Dose Assessor to be available within 75 minutes of an Alert or higher classification rather than the current 45 minute time requirement. The on-shift dose assessment is performed by using a dose assessment computer program (referred to as RADDPOSE) and is currently performed by a shift RP qualified individual that is assigned the on-shift dose assessment role each shift for all three sites. Duke energy RP qualified individuals are trained and qualified to perform dose assessment. Each site has three RP qualified individuals minimum per shift. One RP qualified individual is assigned to on-shift dose assessment and two RP qualified individuals are currently available to support other emergency response actions as described in the emergency plans for each site, which is in

excess of on-shift RP staffing identified in Table B-1 of NUREG-0654. This excess on-shift RP staffing allows for the extension of response time for the TSC dose assessment member. The RADDPOSE program is capable of performing in an "automatic" mode as described in each site's respective emergency plan implementing procedures and will produce dose projection reports automatically every 15 minutes after being initiated. If the automatic capability is not available, the one shift RP qualified individual will provide dose assessment capability for the Emergency Coordinator by manually inputting data into the dose assessment computer program.

The NRC staff performed a review of each site's Emergency Plan implementing Procedures (EPIPs) for on-shift dose assessment (Oconee - HP/0/B/1009/022, "On-shift Off-site dose assessment;" McGuire - HP/0/B/1009/029, "Initial Response On-shift Dose Assessment;" Catawba - HP/0/B/1009/026, "On-shift dose assessment") to verify the ease of use for Automatic and manual modes. In automatic mode, the RADDPOSE program will automatically populate current meteorological data into the program and produce reports as described above. The manual mode does require the data to be entered manually and the process repeated each time an assessment is run, but due to the increased staffing of RP personnel on-shift, one RP qualified personnel is dedicated to this one task. The other two RP qualified personnel are available for other RP tasks which allows for the increase in augmentation time of the TSC Dose Assessor.

The requested change to increase the response time is consistent with other previously NRC-approved changes. Emergency Response Organization augmentation times have historically been approved on a site-specific basis. For example, one licensee has 30 and 60 minute responders similar to the guidance in NUREG-0654, Table B-1, but another licensee has 120 minute responders. There are site-specific compensations that the NRC reviewed to approve the augmentation times for each site.

Based on the staffing of three on-shift RP qualified individuals which is in excess of NUREG-0654, Table B-1, (one Health Physics Technician on-shift), technological advancements and procedural improvements for dose assessment, the NRC staff finds the compensation described above to be acceptable. The NRC staff finds the proposed changes to increase the response time requirement for the TSC Dose Assessor from 45 minutes to 75 minutes continues to meet the intent of the NRC-approved EP, and continues to meet the standards of 10 CFR 50.47(b) and the requirements of Appendix E to 10 CFR Part 50.

### 3.2 Change the access control function for access to the EOF from a staffed position to a monitored card reader process.

The licensee states that the Access Control Function at the EOF is currently performed by duty personnel who verify the identity of authorized personnel against a preapproved access list and permit entry by manually overriding an electronic solenoid lock on the EOF entrance door.

The EOF is located in the Energy Center, Headquarters for Duke Energy in Charlotte, North Carolina, which is restricted to authorized personnel by an industrial security system. Access to the EOF facility is limited prior to activation and is only provided for authorized personnel with Duke Energy identification badges that have been preapproved.

The proposed change to the staffing requirement will no longer require a person assigned to duty as EOF Access Control Director, but would use a monitored card reader process to maintain

controlled access to the EOF. The licensee provides that the elimination of the Access Control Director is considered a reduction in commitment for the EPs but does not result in any reduction in the capability of the emergency response organization (ERO) to respond to an emergency.

Based on the preceding analysis and the additional information provided in the licensee's March 3, 2011, supplement, the NRC staff finds the compensation described above to change the access control function for access to the EOF from a staffed position to a monitored card reader process to be acceptable. The proposed changes to the EOF access control continues to meet the intent of the NRC-approved EP, and continues to meet the standards of 10 CFR 50.47(b) and the requirements of Appendix E to 10 CFR Part 50.

### 3.3 Change the composition of a FMT from two RP Technicians to one RP qualified individual and a vehicle driver.

The Oconee EP currently requires one individual to have FMT qualifications for the specific function and duty of offsite radiological monitoring, and uses a vehicle driver to operate the vehicles. Catawba and McGuire EPs currently require FMTs to consist of two RP qualified individuals. To achieve fleet consistency the proposed change will revise the Catawba and McGuire EPs and clarify the Oconee EP to document that each FMT will consist of one RP qualified individual and one vehicle driver. This allows an efficient use of RP qualified individuals in emergencies and gives management more resources to address other priority work requiring radiological support and protection activities during a declared emergency.

The licensee states that this change in the FMT is considered a reduction in commitment for the Catawba and McGuire emergency plans but will not result in any reduction of the capability of the emergency response organization to respond to an emergency.

The licensee states that the original intent was for each team to consist of two RP qualified individuals with one of the RP qualified individuals to be the vehicle driver. One RP qualified individual can adequately perform contamination surveys and sampling tasks and other site work groups provide additional personnel to be the vehicle driver. The licensee further states that the vehicle driver will be required to maintain radiation worker qualifications and a valid state driver's license.

The licensee's March 3, 2011, letter provided additional information related to the respirator qualifications of the proposed vehicle driver; the licensee stated that the Oconee and McGuire FMT drivers are required to be respirator qualified. At Catawba, currently only RP qualified individuals serve as FMT drivers and are required to be respirator qualified. The licensee further stated that upon approval of this License Amendment, any new non-RP qualified individual FMT drivers will be required to be respirator qualified.

The use of non-RP qualified personnel as vehicle drivers for FMTs is a current practice in use at multiple licensees. This practice allows for a more efficient use of the RP personnel during an event.

Based on the preceding analysis and the licensee's supplemental information provided in the March 3, 2011, letter, the NRC staff finds the change in composition of a FMT from two RP Technicians to one RP qualified individual and a vehicle driver, as described, to be acceptable.

The proposed change to the FMT staffing continues to meet the intent of the NRC approved emergency plan, and continues to meet the standards of 10 CFR 50.47(b) and the requirements of Appendix E to 10 CFR 50.

3.4 Change RP staffing during emergency response events from RP Technicians to RP qualified individuals.

The licensee states that the current ERO minimum staffing requirements for augmenting the functions of "RP coverage for repair/corrective action, access control, search & rescue, radiochemistry, contaminated injury medical response, personnel monitoring, dosimetry, firefighting" is limited to RP technicians. RP qualified individuals perform the tasks required as referenced in Figure B-8 (Oconee) and Figure B-1 (Catawba and McGuire). RP qualified individuals can include RP supervisors and RP staff who routinely administer RP programs, policies and procedures. Based on their training and experience, these individuals maintain the level of knowledge required to perform the tasks described on Figure B-8 (Oconee) and Figure B-1 (Catawba and McGuire).

The licensee further states that RP qualified individuals currently have other functional assignments in the ERO but are available during an augmentation (all call) to perform technician duties when not performing their primary function. Minimum staffing requirements for the other ERO RP functions will continue to be met by personnel in the organization qualified to perform the required functions. Twenty-four hour coverage of an ERO position requires only two personnel (two 12-hour shifts). The licensee further states that since the expected ERO staffing level is five personnel per position and an implemented augmentation is an "all call" event, there are RP qualified individuals at the facilities without a position to staff. These extra personnel, who are capable of functioning as RP technicians can be used to staff the above coverage functions. The alternate use of RP qualified individuals improves the ERO staffing capability to meet current minimum staffing requirements for RP technicians.

The licensee stated in the March 3, 2011, supplemental letter that the Catawba, McGuire and Oconee, RP supervisors and staff personnel participate in the same training as the RP qualified individuals. RP supervisors and staff personnel who have task qualification must maintain the same training qualifications and requalification as the RP qualified individuals. ERO task requalification is covered in RP continuing training at least every 2 years.

The on-shift minimum staffing levels referenced in Figure B-8 (Oconee) and Figure B-1 (Catawba and McGuire), specify whether other personnel on-shift would be able to perform the RP functions in the "Major Functional Area of Protective Actions (In-plant)" (Oconee) and "Major Functional Area of Radiological Support and Protective Actions" (Catawba and McGuire). The licensee stated in the March 3, 2011, letter that no other personnel on-shift will be assigned those ERO duties – only RP qualified individuals.

The practice of maintaining the qualifications of RP supervision current with the RP Technicians allows for more flexible staffing of the emergency plan by increasing the number of personnel available to respond to an event. This practice is in use at multiple licensees. Based on the maintenance of the level of training and qualifications for the RP Qualified Personnel to the standards of training and qualifications provided to the RP Technicians, the NRC staff finds the change in RP staffing during emergency response events from RP Technicians to



RP qualified individuals to be acceptable. The proposed change to the RP staffing continues to meet the intent of the NRC approved emergency plan, and continues to meet the standards of 10 CFR 50.47(b) and the requirements of Appendix E to 10 CFR 50.

### 3.5 Editorial changes to clarify the notations in the EPs to provide fleet-wide consistency.

Section 2.2 of the application contains a listing of the proposed editorial changes affecting the Catawba, McGuire, and Oconee EPs. These editorial changes clarify position titles, provide identifying notations made per the functional changes proposed and provide consistency with the figures located in each EP. Since these changes are editorial and nonsubstantive, a technical evaluation of each is not required.

The NRC staff reviewed the editorial changes related to the proposed changes to the Catawba, McGuire, and Oconee EPs, and finds that the proposed changes continue to meet the intent of the NRC approved emergency plan, and continue to meet the standards of 10 CFR 50.47(b) and the requirements of Appendix E to 10 CFR 50. Therefore, the NRC staff finds these changes acceptable.

### 4.0 SUMMARY

The NRC staff finds that the proposed changes to the Catawba, McGuire and Oconee EPs continue to meet the standards in 10 CFR 50.47(b) and the requirements in Appendix E to 10 CFR Part 50, and provide reasonable assurance that adequate protective measures can and will be taken in the event of a radiological emergency. Therefore, the NRC staff finds the licensee's proposed changes to the Catawba, McGuire and Oconee EPs in its application dated July 28, 2010, and as supplemented by letter dated March 3, 2011, to be acceptable.

### 5.0 STATE CONSULTATION

In accordance with the Commission's regulations, the North and South Carolina State officials were notified of the proposed issuance of the amendments. The State officials had no comments.

### 6.0 ENVIRONMENTAL CONSIDERATION

The amendments change an administrative procedure. The NRC staff has determined that the amendments involve no significant increase in the amounts and no significant change in the types of any effluents that may be released offsite and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendments involve no significant hazards consideration, and there has been no public comment on such finding published in the *Federal Register* on September 7, 2010 (75 FR 54393). Accordingly, the amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(10). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendments.

## 7.0 CONCLUSION

The Commission has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendments will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributors: Michael Norris

Date: July 29, 2011

M. Glover

- 2 -

If you have any questions, please call me at 301-415-1345.

Sincerely,

***/RA/ by GKulesa for***

John Stang, Senior Project Manager  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket Nos. 50-413, 50-414, 50-369, 50-370,  
50-269, 50-270, and 50-287

**Enclosures:**

1. Amendment No. 265 to NPF-35
2. Amendment No. 261 to NPF-52
3. Amendment No. 263 to NPF-9
4. Amendment No. 243 to NPF-17
5. Amendment No. 376 to DPR-38
6. Amendment No. 378 to DPR-47
7. Amendment No. 377 to DPR-55
8. Safety Evaluation

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**\*transmitted via memo**

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