



Kelvin Henderson
Vice President
Catawba Nuclear Station
803-701-4251

Duke Energy
CNO1VP | 4800 Concord Rd.
York, SC 29745

June 26, 2013

Mr. Mark A. Bates, Senior Operations Engineer
U.S. Nuclear Regulatory Commission, Region II
Marquis One Tower
245 Peachtree Center Ave., NE Suite 1200
Atlanta, GA 30303-1257

Subject: Duke Energy Carolinas, LLC
Catawba Nuclear Station, Units 1 and 2
Docket Nos.: 50-413 and 50-414
Reactor and Senior Reactor Operator Initial Examination Outlines
(Preliminary)

Reference: Letter from NRC to Duke Energy Corporation;
Reactor and Senior Reactor Operator
Initial Examinations, Catawba Nuclear Station,
05000413/2013301 and 05000414/2013301, dated February 14, 2013

The examination materials for the Catawba Nuclear Station initial license examination scheduled to begin on September 16, 2013 as listed below, are enclosed for your review.

- a. ES 201-2 - Examination Outline Quality Checklist (Preliminary)
- b. ES 201-3 - Examination Security Agreement
- c. ES 301-1 - Administrative Topics Outline (Reactor Operator)
- d. ES 301-1 - Administrative Topics Outline (Senior Reactor Operator)
- e. ES 301-2 - Control Room/In-Plant Systems Outline (Reactor Operator)
- f. ES 301-2 - Control Room/In-Plant Systems Outline (Instant Senior Reactor Operator)
- g. ES 301-2 - Control Room/In-Plant Systems Outline (Upgrade Senior Reactor Operator)
- h. ES 301-5 - Transient and Event Checklist (Preliminary)
- i. ES D-1 - Forms for 4 (four) Simulator Scenario Outlines
- j. ES-401-2 - PWR Examination Outline. Please Note: The sample plans for the reactor and senior operator written exams were selected for us by the Nuclear Regulatory Commission office.
- k. ES 401-4 - Record of Rejected K/As

U.S. Nuclear Regulatory Commission

June 26, 2013

Page 2 of 3

The enclosed material contents shall be withheld from public disclosure until after the 2013 Catawba Nuclear Station Initial Examinations are complete. If you have any questions or need any additional information, please contact Eric Madsen, Nuclear Training Supervisor at 803-701-3143 or Rick Llewellyn, Operations Training Manager at 803-701-3925.

Sincerely,



Kelvin Henderson
Site Vice President

xc: 3 copies without attachments
Malcolm T. Widmann, Chief,
U. S. Nuclear Regulatory Commission, Region II
Marquis One Tower
245 Peachtree Center Ave., NE Suite 1200
Atlanta, GA 30303-1257

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U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555-001

G. A. Hutto, III, Senior Resident
Catawba – CN01NC

U.S. Nuclear Regulatory Commission
June 26, 2013
Page 3 of 3

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R. Llewellyn	CTO1A
C. A. Orton	CTO1A
S. P. Tripi	CTO1A
ELL	EC05O

bx: cover letter with correspondence review documentation only

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Kelvin Henderson
Vice President
Catawba Nuclear Station
803-701-4251

Duke Energy
CNO1VP | 4800 Concord Rd.
York, SC 29745

July 12, 2013

Mr. Mark A. Bates, Senior Operations Engineer
U.S. Nuclear Regulatory Commission, Region II
Marquis One Tower
245 Peachtree Center Ave., NE Suite 1200
Atlanta, GA 30303-1257

Subject: Duke Energy Carolinas, LLC
Catawba Nuclear Station, Units 1 and 2
Docket Nos.: 50-413 and 50-414
Reactor and Senior Reactor Operator Initial Examinations (Written)

Reference: Letter from NRC to Duke Energy Corporation;
Reactor and Senior Reactor Operator
Initial Examinations, Catawba Nuclear Station,
05000413/2013301 and 05000414/2013301, dated February 14, 2013

The examination materials for the Catawba Nuclear Station initial license written examination scheduled to begin on September 16, 2013, as listed below, are enclosed for your review.

- a. RO Written Exam questions – Seventy-Five (75) questions with references, in 3-ring binder
- b. SRO Written Exam questions – Twenty-Five (25) questions with references, in 3-ring binder
- c. One (1) CD - Disk for the written exams
- d. ES 201-3 – Examination Security Agreement (updated copy)
- e. ES 401-4 - Record of Rejected K/As, updated, per previous alignment with Chief Examiner
- f. ES-401-6 - Written Examination Quality Checklist
- g. One (1) USB drive containing references

Per our discussion, the operating exam materials will be provided in a separate submittal due August 2, 2013.

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July 12, 2013
Page 2 of 3

The enclosed material contents shall be withheld from public disclosure until after the 2013 Catawba Nuclear Station Initial Examinations are complete. If you have any questions or need any additional information, please contact Eric Madsen, Nuclear Training Supervisor at 803-701-3143 or Rick Llewellyn, Operations Training Manager at 803-701-3925.

Sincerely,

A handwritten signature in black ink, appearing to read 'K. Henderson', written over a horizontal line.

Kelvin Henderson

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July 12, 2013
Page 3 of 3

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Alan Orton	CTO1A
Rick Llewellyn	CTO1A
Steve Tripi	CTO1A
Randy Hart	CN01RC
ELL	EC05O

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Kelvin Henderson
Vice President
Catawba Nuclear Station
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Duke Energy
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August 1, 2013

Mr. Mark A. Bates, Senior Operations Engineer
U.S. Nuclear Regulatory Commission, Region II
Marquis One Tower
245 Peachtree Center Ave., NE Suite 1200
Atlanta, GA 30303-1257

Subject: Duke Energy Carolinas, LLC
Catawba Nuclear Station, Units 1 and 2
Docket Nos.: 50-413 and 50-414
Reactor and Senior Reactor Operator Initial Examination (Operating)

Reference: Letter from NRC to Duke Energy Corporation;
Reactor and Senior Reactor Operator
Initial Examinations, Catawba Nuclear Station,
05000413/2012301 and 05000414/2012301, dated February 14, 2013

The examination materials for the Catawba Nuclear Station initial license operating examination scheduled to begin on September 16, 2013 as listed below, are enclosed for your review.

- a. Eleven (11) System Job Performance Measures, Four (4) RO Administrative Job Performance Measures, and Five (5) SRO Administrative Job Performance Measures combined in one (1) 3-ring binder
- b. Simulator Scenarios 1, 2, 3, and 4 in one (1) 3-ring binder
- c. One (1) CD - Disk for the operating exam
- d. ES 201-3 - Examination Security Agreement (updated copy)
- e. ES-301-3 - Operating Test Quality Checklist
- f. ES-301-4 - Simulator Scenario Quality Checklist
- g. ES 301-5 - Transient and Event Checklist (multiple pages)
- h. ES-301-6 - Competencies Checklist

The written exam has been previously submitted.

U.S. Nuclear Regulatory Commission
August 1, 2013
Page 2 of 3

The enclosed material contents shall be withheld from public disclosure until after the 2013 Catawba Nuclear Station Initial Examinations are complete. If you have any questions or need any additional information, please contact Eric Madsen, Nuclear Training Supervisor at 803-701-3143 or Rick Llewellyn, Operations Training Manager at 803-701-3925.

Sincerely,

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Kelvin Henderson

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August 1, 2013
Page 3 of 3

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Alan Orton	CT01A
Rick Llewellyn	CT01A
Steve Tripi	CT01A
Marie Morgan	CT01A
ELL	EC05O

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Kelvin Henderson
Vice President
Catawba Nuclear Station
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York, SC 29745

September 05, 2013

Mr. Mark A. Bates, Senior Operations Engineer
U.S. Nuclear Regulatory Commission, Region II
Marquis One Tower
245 Peachtree Center Ave., NE Suite 1200
Atlanta, GA 30303-1257

Subject: Duke Energy Carolinas, LLC
Catawba Nuclear Station, Units 1 and 2
Docket Nos.: 50-413 and 50-414
Reactor and Senior Reactor Operator Initial Examinations

Reference: Letter from NRC to Duke Energy Corporation;
Reactor and Senior Reactor Operator
Initial Examinations, Catawba Nuclear Station,
05000413/2013301 and 05000414/2013301, dated February 14, 2013

The examination materials (final submittal) for the Catawba Nuclear Station initial license examination scheduled to begin on September 16, 2013, as listed below, are enclosed for your review.

- a. Eleven (11) System Job Performance Measures, Four (4) RO Administration Job Performance Measures, and Five (5) SRO Administration Job Performance Measures
- b. Simulator Scenarios 1, 2, 3, and 4
- c. One (1) CD - Disk containing the written exams and operating exam
- d. ES 201-3 – Examination Security Agreement (updated copy)
- e. ES 301-3 – Operating Test Quality Checklist
- f. ES 301-4 – Simulator Scenario Quality Checklist
- g. ES 301-5 – Transient and Event Checklist (multiple pages)
- h. ES 301-6 – Competencies Checklist
- i. ES 401-4 - Record of Rejected K/As, updated
- j. ES 401-6 - Written Examination Quality Checklist

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September 05, 2013
Page 2 of 3

The enclosed material contents shall be withheld from public disclosure until after the 2013 Catawba Nuclear Station Initial Examinations are complete. If you have any questions or need any additional information, please contact Eric Madsen, Nuclear Training Supervisor at 803-701-3143 or Rick Llewellyn, Operations Training Manager at 803-701-3925.

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September 05, 2013
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Alan Orton	CTO1A
Rick Llewellyn	CTO1A
Steve Tripi	CTO1A
Randy Hart	CN01RC
ELL	EC05O

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Kelvin Henderson
Vice President
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Duke Energy
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October 2, 2013

Mr. Mark A. Bates, Senior Operations Engineer
U.S. Nuclear Regulatory Commission, Region II
Marquis One Tower
245 Peachtree Center Ave., NE Suite 1200
Atlanta, GA 30303-1257

SUBJECT: Duke Energy Carolinas, LLC
Catawba Nuclear Station, Units 1 and 2
Docket Numbers - 50-413 and 50-414
Post Examination Documentation

The post examination materials for the Catawba Nuclear Station initial license examination completed on September 25, 2013 submitted in accordance with NUREG 1021 ES 501 C.1.a, as listed below, are enclosed.

- Enclosure A: Original examination answer sheets, one clean copy and examination cover sheets.
- Enclosure B: Master examinations and answer keys
- Enclosure C: Questions asked by applicants during exam
- Enclosure D: Substantive comments made by applicants following the written examination
- Enclosure E: Written examination seating chart
- Enclosure F: Completed Form ES-403-1, "Written Examination Grading Quality Checklist"; one sheet for RO and one sheet for SRO
- Enclosure G: Written Examination Performance Analysis
- Enclosure H: Form ES-201-3, "Examination Security Agreement" (preliminary)
- Enclosure I: Post Exam Comments

A follow up submittal of Form ES-201-3, "Examination Security Agreement" will be provided to include all required signoffs.

U. S. Nuclear Regulatory Commission
October 2, 2013
Page 2

If you have any questions or need additional information, please contact Eric Madsen, Training Supervisor at (803) 701-3143 or Rick Llewellyn, Operations Training Manager at (803) 701-3925.

Sincerely,

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Kelvin Henderson

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Malcolm T. Widmann, Chief
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October 2, 2013
Page 3

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D. Hensley	CT01A
ELL	EC05O

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