

**STATE REGULATION OF PUBLIC UTILITIES REVIEW COMMITTEE**

**CANDIDATES FOR THE  
SOUTH CAROLINA PUBLIC SERVICE COMMISSION  
EDITED PERSONAL DATA QUESTIONNAIRE**

---

**NOTICE:** The information requested herein is needed to assist the Committee in its investigation of candidates for the Public Service Commission. This questionnaire is the initial step in the investigation of your candidacy. A completed questionnaire should be returned to the Committee as soon as possible, but in any event no later than noon, 12:00 p.m., on Friday, February 28, 2020. (Use and attach separate sheets, if necessary.)

---

**PLEASE SPECIFY THE SEAT FOR WHICH YOU ARE APPLYING (THE CONGRESSIONAL DISTRICT IN WHICH YOU RESIDE; YOU MAY ONLY APPLY FOR ONE SEAT):** \_\_\_\_\_ 3 \_\_\_\_\_

1. Full Name: Mr.  
Ms. Maria Jonelle Pacheco Ratliff

Home Address: 1626 Walhalla Hwy, Pickens, SC. 29671

Business Address: 46 Donkle RD, Greenville, SC. 29609

6. List each institution of higher learning you attended, including dates of attendance and degrees awarded. Please provide an official transcript prior to your screening hearing. If you left any institution without receiving a degree, state the reason for leaving.

Duke University, Fall 1991 to Spring 1997. BSE in Civil and Environmental Engineering

7. List any continuing education courses or other professional education or training programs that you have attended in the past five years.

Duke Energy LEAD program

American Society of Civil Engineers classes:

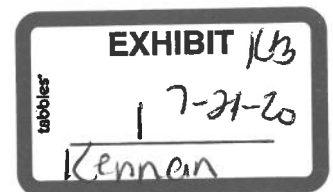
Wind Design for Components and Cladding

Design of Concrete Embedments for Shear and Tension

Failure of Molecules, Bones, and the Earth Itself: Nanotechnology and Bioinspired Materials in Civil Engineering

The Infrastructure Challenge: Prioritization

Seismic Design of Ordinary, Intermediate, and Special Steel Moment Frames



SC Engineering Conference and Trade Show

SC State Board of Registration for Professional Engineers & Surveyors Update

Updates from SCDHEC and SCDOT

Involvement by Registered Engineers in the Political Process

Steel Fiber Reinforced Concrete

Traditional Timber Framing in Modern Construction

First South Carolina Superload

Extensive Overnight Inspection of 4.4-Mile-Long JR Bridge

Downtown Development, City of Greenville, SC

Evaluation of Anchor Systems through Full Scale Pullout Testing

Stabilization of the Bluffs at Pointe du Hoc, Normandy, France

Electrical Leak Location

Digital Transformation in Engineering

Infrared Aircraft Deicing Facility at John F Kennedy International Airport

8. Have you been employed or held any position in any of the following areas?

- (a) energy issues
- (b) telecommunications issues
- (c) consumer protection and advocacy issues
- (d) water and wastewater issues
- (e) finance, economics, and statistics
- (f) accounting
- (g) engineering
- (h) law

Please provide the duration of your employment or service and details about the nature of the work or the position.

**PRC PRECAST CONCRETE, GREENVILLE SC**

**ENGINEER**

**APR 2019 TO PRESENT**

Design Engineer for precast concrete panels and supports

- Evaluates building designs for seismic loads
- Supports drafting and craft.
- Checking/performing calculations for precast concrete panels and supports
- Researching new issues and providing options for management.

**DUKE ENERGY, OCONEE NUCLEAR STATION, SENECA, SC**

**LEAD ENGINEER**

**2017 TO DEC 2018**

Design Engineer for Civil Modifications group at Oconee Nuclear Station. **Developed** Engineering Change packages, including scoping, performing required calculations and drawings for piping and support/restraints, 50.59s, and Modification Test Plans as well as supporting implementation.

- Supported outages including field walkdowns and the resolution of engineering changes based on as-found conditions. Worked extended hours and nightshift to rapidly respond to issues that could delay the plant from starting up after planned maintenance activities.
- Mentored new engineers on performing Engineering Changes and calculations to ensure quality products and procedure adherence.
- Led, coordinated and prioritized extensive legacy issue with incorrect seismic response spectra used during plant construction, **updating** all calculations and modifications affected to the correct spectra.

#### **ENGINEERING MANAGER-CIVIL DESIGN BASIS TO 2017**

**2014**

Manager of the Civil Design Basis group consisting of a group of 5 to 7 engineers. Managed Configuration and Margin Management Review Board chairperson and with experience organizing and running meetings.

- **Served as** guest instructor for continuing training. Explained the importance of passive design features to existing employees resulting a significant decrease in violating plant safety measures.
- **Utilized** design experience in the development of modification packages, drawings and calculations for utility clients in accordance with Nuclear Regulatory Commission (NRC) regulations, 10CFR50 Appendix B and ASME NQA-1 Quality Assurance Programs.
- **Implemented** nuclear modifications, including evaluation and initiation of design changes during field implementation to improve plant design and nuclear safety.
- Performed benchmarks for performance improvement, including fleet recognition for a benchmark that led to significant reduction in number of regulator non-conformances in the field.

#### **Senior Engineer**

**2005-2014**

Design Engineer for Civil Design and Design Basis group at Oconee Nuclear Station. Inspected Engineering Change packages from other departments and resolved issues. **Developed** Engineering Change packages, including scoping, performing required calculations and drawings for piping and support/restraints, 50.59s, and Modification Test Plans as well as supporting implementation.

- Supported outages included field walkdowns and resolved engineering changes based on as-found conditions.
- Mentored new engineers on performing Engineering Changes and calculations. Represented civil engineering in various meetings and committees to advocate for resources to solve civil issues.
- Served as temporary manager of Civil Design Basis group. Led 5 to 7 engineers. Prioritized work, approved calculations, and interacted with upper management on behalf of the team. Focused specifically on plant issues compliance with the approved design basis.
- Served as Configuration and Margin Management Review Board chairperson. Organized and ran meetings. Tracked important regulatory issues, managed resolution plans including schedules. Advocated for resources to ensure timeliness of resolution plans. Successfully represented the plant when interacting with the Nuclear Regulatory Commission (NRC).

Served as an active member of Women In Nuclear for 8 years on various committees. Volunteered for charities and served as a representative for Duke Energy at several Nuclear Industry events and conferences.

9. Have you served in the military? **No.** If so, give the dates of service, branch of service, highest rank, serial number, present status, and the character of your discharge or release. Please provide a copy of your DD-214 prior to your screening hearing. **Not Applicable.**
10. Have you ever held public office? **No.** If so, provide details, including the office, whether elected or appointed, the length and dates of your service. Also, state whether or not you timely filed reports with the State Ethics Commission during the period you held public office. If not, were you ever subject to a penalty. If so, provide details, including dates. **Not Applicable.**
11. Have you ever been an unsuccessful candidate for elective, judicial, or other public office? **No.** If so, provide details, including dates. **Not Applicable.**
12. Please list in chronological order any employment of you by any governmental agency (whether full time or part time, contractual or at will, consulting or otherwise). Provide dates of employment, name of employer, name of supervisor, and major job responsibilities.

North Carolina DOT, summer 1994. Worked in drafting for the GIS department. Transcribed aerial photographs to digital files.

13. Please list in chronological order any occupation, business, or profession in which you have been engaged or employed (other than serving in a public office or being employed by a governmental agency). Please briefly note the nature of your work during each period.

See question 8 for 2005 to the present.

<b>Areva</b>	
<b>Engineer in training</b>	<b>1999-2005</b>
<b>Durham, NC County Schools</b>	<b>1997-1999</b>
<b>Substitute teacher</b>	

14. Are you now an officer or director or involved in the management of any business enterprise? Explain.

I am working on building a wedding venue on my property. It doesn't make any money at the moment, but I do have it registered.

15. Describe any financial arrangements or business relationships that you currently have or have had in the past that could pose a conflict of interest in the position you seek. Explain how you would resolve any potential conflict of interest.

None that I am aware of. If I did become aware of a conflict I would report it and excuse myself from any proceedings that involved the conflict.

20. Have you ever been a named party in a lawsuit, either personally or professionally? If so, provide details.

No.

22. Are you now or have you ever been employed as a “lobbyist,” as defined by S.C. Code Section 2-17-10(13), or have you acted in the capacity of a “lobbyist’s principal,” as defined by S.C. Code Section 2-17-10(14)? If so, please provide the dates of your employment or activity in such capacity and specify by whom you were directed or employed.

No.

23. Since your decision to seek a position on the Public Service Commission, have you accepted lodging, transportation, entertainment, food, meals, beverages, money, or any other thing of value, as defined by S.C. Code Section 2-17-10(1), from a lobbyist or lobbyist’s principal? If so, please specify the item(s) received, date of receipt, and the lobbyist or lobbyist’s principal providing the item(s).

No.

26. Other than expenditures for travel or room and board, please itemize all expenditures (by amount, type, and date) by you, or on your behalf, in seeking the office of Public Service Commissioner.

None.

27. Please list the amount and recipient of all contributions made to members of the General Assembly within six months of filing this questionnaire.

None.

28. Have you directly or indirectly requested a pledge of any member of the General Assembly as to your election for the position for which you are being screened? Have you received the assurance of any public official or public employee that they will seek the pledge of any member of the General Assembly as to your election for the position for which you are being screened?

No.

29. Have you or has anyone on your behalf solicited or collected funds to aid in the promotion of your candidacy for the position of Public Service Commissioner? If so, please specify the amount, solicitor (if applicable), donor, and date of solicitation and/or receipt.

No.

30. List all professional organizations of which you are a member and give the titles and dates of any offices that you have held in such groups.

ASCE (American Society of Civil Engineers)

31. List all civic, charitable, religious, educational, social, and fraternal organizations of which you are or have been a member during the past five (5) years.

Boys Scout of America  
The Mill Church

32. State any other information which may reflect positively or negatively on you, or which you believe should be disclosed in connection with consideration of you for a position on the Public Service Commission.

My husband and I have an offbeat podcast named Love and Madness, that discusses mental illness and our lives dealing with trauma and loss. It does not affect any of the work done by the Public Service Commission, nor should it ever, but I felt it necessary to mention due to the fact we have very frank and open discussions that may contain adult themes that some might find offensive. The purpose of the podcast is to be encouraging to people who have gone through similar trauma.

33. List the names, addresses, and telephone numbers of five (5) persons, including your banker, from whom references could be required. Also, provide this Committee with original letters of recommendation from each person listed herein, including their signature. A photocopy, facsimile, or electronic submission of a letter of recommendation will not be accepted.

- 1) Ruth and Chip Brazell
- 2) Doug Poore
- 3) Ray McCoy
- 4) Ladreon Hare

5) Banker Letter

YOUR SIGNATURE WILL BE HELD TO CONSTITUTE A WAIVER OF THE CONFIDENTIALITY OF ANY PROCEEDING BEFORE A GRIEVANCE COMMITTEE OR ANY RECORD INFORMATION CONCERNING YOUR CREDIT.

I HEREBY CERTIFY THAT THE ANSWERS TO THE ABOVE QUESTIONS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Signature:

Date:

---

***PLEASE NOTE: S.C. CODE SECTIONS REFERRED TO IN THIS DOCUMENT ARE CONTAINED IN THE PDQ CODE REFERENCES DOCUMENT.***

**I ACKNOWLEDGE, AS A CANDIDATE, THAT I AM RESPONSIBLE FOR REVIEWING THE FOLLOWING DOCUMENTS. THESE DOCUMENTS ARE PROVIDED ON THE USB FLASH DRIVE WITH THE PUBLIC SERVICE COMMISSION APPLICATION MATERIALS AND ARE ACCESSIBLE ON THE PUBLIC UTILITY REVIEW COMMITTEE'S WEBSITE:**

- (1) An Introduction to the Public Service Commission;**
- (2) The press release issued by the Committee announcing the start of its application process;**
- (3) An Advisory Opinion relating to attendance by candidates for the Public Service Commission at legislative receptions;**
- (4) An Advisory Opinion relating to attendance by candidates for the Public Service Commission at legislative caucus meetings;**
- (5) The Judicial Code of Conduct;**

- (6) Statutory definitions and statute concerning pledges; and**
- (7) Information regarding accessing your credit report.**

**Signature:**

**Date:**