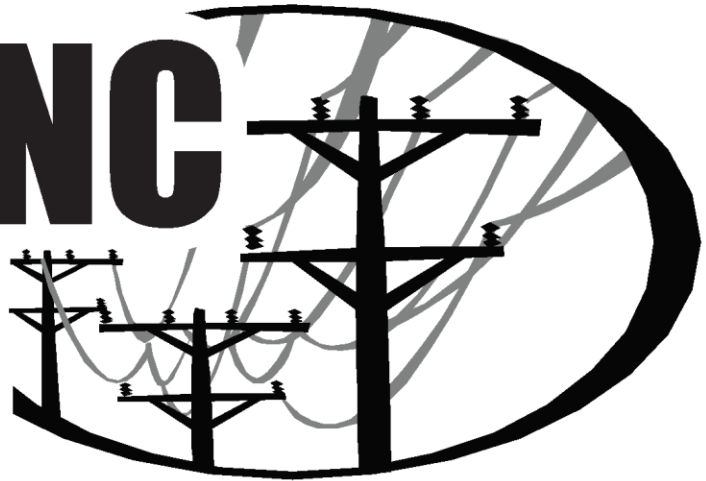


SCS/SNC OUTSIDE



Volume 30, July – August 2018 No. 4

Word from the editor:

Remember that this is your newsletter. Make sure information you have that is relevant to all gets to me to be included in the newsletter.

Prez Sez

Things are **Heatin' Up** out there, and that's a **good thing** for stockholders! We need a hot summer. At our last meeting, we heard from Paula Marino, Executive VP of E&CS, that Southern Company earnings have not recovered along with the economy since the Great Recession hit us in 2008. There were several factors discussed, including us folks using less power in our homes as a result of energy efficiency improvements. Bottom line is revenue has been flat for the last nine years.



Paula gave us an update on major projects, including Vogtle 3&4 and plans to retire some of our coal plants and invest in additional renewables. The day before the Annual Stockholders Meeting we also learned that Gulf Power and our Florida plants would be sold to NextEra for a handsome profit and relief to our balance sheet. Things are **Heatin' Up** out there!

It's nice to be retired and not have to wrestle with the company's choices. Hopefully, we can continue to reap the rewards of ownership and see our stock value recover as it did in the 80's and 90's following large capital expansions that many of you labored countless hours to complete.

Change is inevitable. The long-rumored move from Inverness to the Colonnade is in progress. It won't be long until our trips to the Credit Union will take a new route. Please come and join us on **July 9th** for our first meeting at the new location. Afterwards, we will have a guided tour of the new facilities that I'm sure you won't want to miss!

Things are **Heatin' Up** out there! Come be a part of us.

Jim Blackmon

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JULY-AUGUST SCS/SNC MEMBERS' BIRTHDAY LIST

JULY

1 Ping Hsu
1 Frank C. Jones
2 Jeffery L. Jackson
3 Albert Burford
4 Mohinder Ghuman
4 Carolyn Muglach
5 Ann Garrett
5 Donna Mueller
6 Dorothy J. Bailey
6 Kathy Rickertsen
8 Ella Burr
8 Robin Dyle
9 Lee Haubein
9 Richard Hovey
9 Rhonda Powell
9 Marvin D. Salter
13 Doris Hardy
13 Deborah Kuester
13 Gerri Monosky
13 Larry Posey
14 Ginny Green
14 John Lontine
14 Sandra McCoy
14 Roger A. Norris
14 Sherry Runyans
14 George Russell, Jr.
15 Chris Anderson
15 Peggy Brashier
18 Robert Hinds
20 Paula Hairston
20 Daniel Wise
21 Dennis Runyans
21 Wilfred Taylor
22 Mark W. Bray
22 Daryl Cook
22 Mike McKelvy
23 Theresa Reed
24 David Adams
24 Sandra Morgan
24 Larry Savage

July Birthdays (Continued)

26 Mike Green
27 Carter Leonard
28 Kerry Adams
29 J. Aufdenkampe
29 Ricky W. Cox
29 Roy Lyon
30 Pam Ely
30 John Garlington
30 Joel Lynn Jimmerson
30 Gary C. Kilpatrick
30 Mary Koski
31 Annette Dean
31 Mary Ann Glover
31 Brenda Kendrick
31 Susan Lefoy

AUGUST

1 Ruth Shepherd
2 John Michael Craddock
2 Hubert Pair
3 Jim Coleman
3 Randall Kyle
3 Leslie Shultz
4 Willard Payne
4 Danny Stephens
4 Jerry Wilson
5 James W. Dailey
5 Brian Keith Pike
6 Robert Beason
6 Barbara Colby
6 Maureen Fors
6 Judy Martin
7 David L. Johnston
7 Andy Patko
7 Rex Snellgrove
8 Joyce Amick
8 Donald East
8 Claude Franks
10 Aurelia Cook

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August Birthdays (Continued)

10 Jim Gordy
10 Albert Hicks
10 Jean Horton
10 Jessica McCullough
12 Deborah Javorka
12 Jim Rooker
12 Diana Turner
12 Allen N. White
13 Fouzia Ahmed
13 Alice Lawrence
13 Arthur Lawrence
13 Nancy Mooney
14 Ed Muglach
15 John McCart
16 Margaret Carter
17 John Naramore
18 Juan Blanco
19 Nancy Moore
19 Sherry Morrow
19 Argenis Zabala
20 Peggy Case
20 Yon S. Smith
20 Don Welliver
21 David W. Edwards
21 Janet Nebrig
21 David Pitre
22 Randy Powers
23 Susan Hinds
23 Jon Hornbuckle
24 Stephen Sisson
24 Lana Thompson
25 Lee Rayburn
26 Lamar Sumerlin
27 Gordon Chris Ball
27 Jay Dorrance
27 Anne Fucich
27 Barbara Goodwin
27 James Jarrell
28 Forrest S. Brazzell
29 Rosalind Andrews
29 Ty Robin, Jr.
30 Mary Romano
31 Charles Bidy
31 Fran Goforth
31 James Lee

OBITUARIES

Eunice Tynes “Jeanine” Plaxco, 93, wife of retired SCS employee **John Plaxco**, passed away on Wednesday May 2, 2018. She is survived by her husband of 69 years, John Devlin Plaxco; brother-in-law, Marion Dick; sister-in-law, Allene Tynes; son, John "Jack" Plaxco; daughter, Margaret Chandler; grandchildren, Lelia Wilcox (Ian), Kathryn Drake (Kory), John Plaxco, Daniel Chandler (Megan Holder), David Chandler (Annie), Paul Chandler (Jessica), Marie Curtis (Quinn); great-grandchildren, Kathryn, Evelyn, Maggie Flynn, and Leda Wilcox; Rowan, Madelyn, and Felicity Drake; Annabelle and Sophia Chandler – plus two more arriving this summer; and many adoring nieces, nephews and friends. She was preceded in death by her parents; sister, Faye Tynes Dick; brother, Hubbard Armstrong Tynes; and son, James Moffatt Plaxco.

FROM FAMILY AND FRIENDS

Our Retirees’ Group received heart-felt “Thank Yous” from the following family and friends:

- Army Emergency Relief Board of Managers, \$50.00 Donation
- Alabama Symphony Orchestra, donation in memory of **Mike Griggs**

MEMBER CARE

If you know of any member who is sick or has a death in his or her family that you would like to share, please contact Patsy Evans at (205) 991-7900.

We also like to hear good news.

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SUMMARY OF LAST MONTH'S MEETING:

Retired Alabama Power Vice President Julia Segars opened the meeting with an informal update on "Life After Southern", speaking about her second career as an award-winning humor columnist and author of the book Aunt Sister. She began the columns under the pen name "Aunt Sister" so as not to interfere with her corporate career. Julia's husband Frank Segars, an SCS retiree, appears frequently in her columns and in the book as Aunt Sister's husband "Fred", along with other family members and an odd assortment of Southern folks, "bless their hearts". Julia grew up in Bluff Park, which is known as "The Mountain" in her book. Keep up with her on her Aunt Sister Facebook page, or her website <https://auntsister.com/>



The Executive Update was given by **E&CS Vice President Paula Marino**. Consumer demand is changing, and Southern Company is changing as well, Paula noted that the relationship between economic growth and electricity sales seems to be changing. Despite economic growth, commercial electricity sales remain weak. Energy efficiency and e-commerce may be causing a fundamental shift in the commercial class.

To combat this, Southern is working to find new revenue sources. We are focusing on technology development for the production, delivery and end-use of energy with projects such as APCs Smart Neighborhood to demonstrate distributed energy resource (DER) use case optimizing cost, reliability, and environmental impact with a community-scale microgrid. The Reynolds

Landing neighborhood demonstrates building-to-grid integration with real time utility to customer interaction.

Indoor agriculture is another promising area. Indoor agriculture saves water, reduces pesticides, makes use of vacant buildings, and provides access to fresh foods.

Collaboration with governments, utilities, universities, and technology developers such as EPRI and DOE is key for projects such as National Carbon Collection Center and the Next-Gen Nuclear. Electric vehicle use is increasing.

Defensive measures to cut costs include closing business offices, restructuring, optimizing workforce, retiring facilities, increasing efficiencies, outsourcing labor and standardizing work products. Offensive measures include increasing bill pay options, expanding renewable portfolios, deploying distributed generation, adding service offerings and exploring new revenue streams.



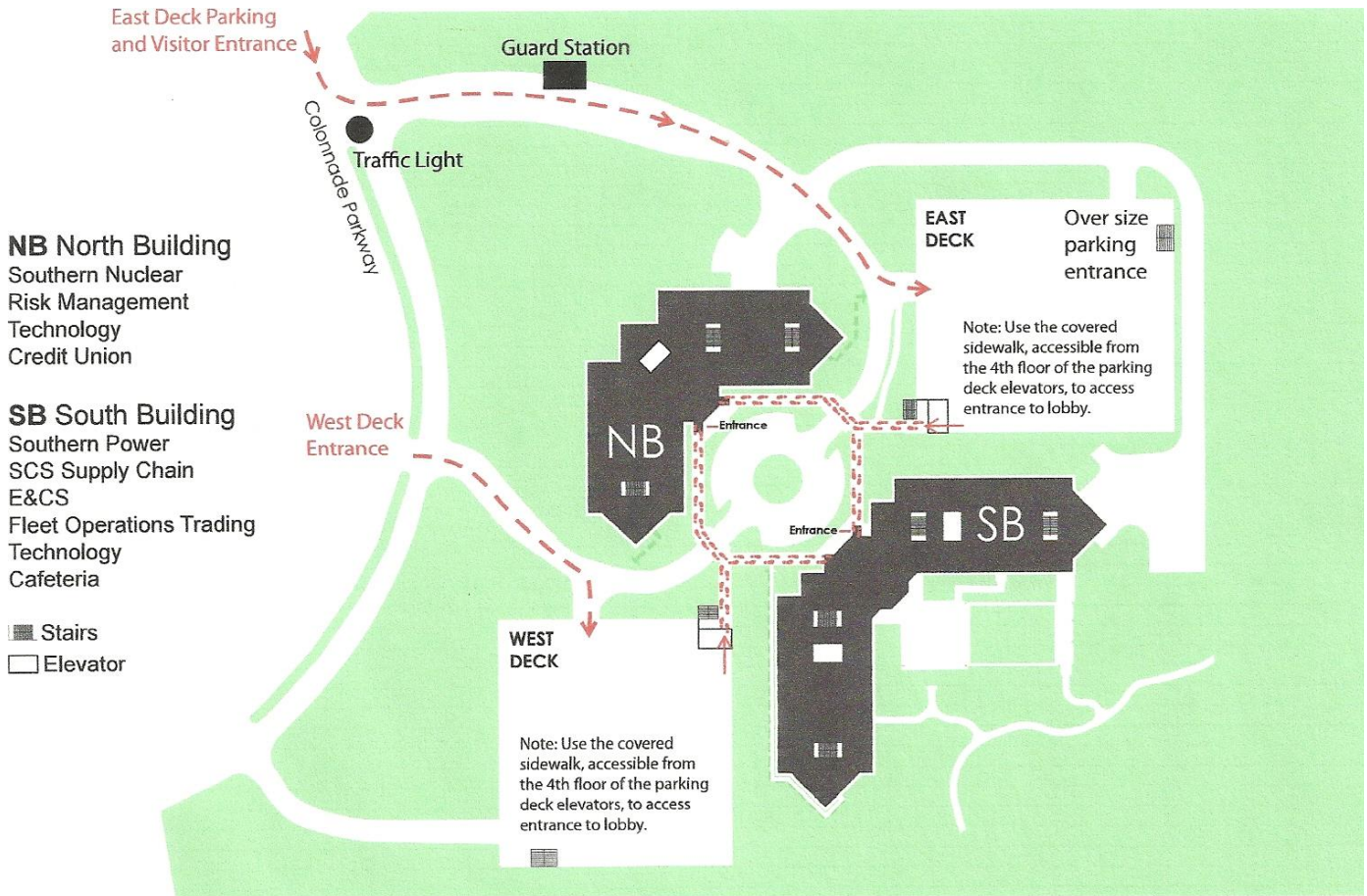
JULY MEETING DETAILS:

July 9 is our first meeting at the Energy Center, the new SCS/SNC offices at the Colonnade (3535 Colonnade Parkway, Birmingham AL 35242, **See Energy Center Parking Map on next page.**) Please note that the cafeteria will not be available this day so you may wish to eat lunch at the Colonnade before our meeting.

Retirees should report to the North Tower for sign in. Once you have signed in you will be escorted by a security guard. We are meeting in the North Tower,

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Energy Center Parking Map



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6th floor, Room 600. A group tour will be available after the program.

Retiree Lifestyle Segment: Are You a Lifelong Learner?

Kicking off our July 9 meeting will be Glenn Morgan with a presentation on the Osher Lifelong Learning Institute (OLLI) through the University of Alabama, Glenn serves on the OLLI Advisory and Curriculum Committees and focuses on marketing the program.

The Osher Lifelong Learning Institute (OLLI), through the University of Alabama (<http://olli.ua.edu/>), offers many non-academic credit opportunities to learn. With courses taught in Greater Birmingham, Gadsden, Pickens County, as well as in Tuscaloosa, OLLI provides mature adults with opportunities to learn new things, make friends, travel and embrace life. Courses are taught by volunteers who share their knowledge and passions. You'll find no homework, no grades, no required degrees and no age threshold. Courses are as varied as Russian Culture, Korea, flower arranging, politics, and writing. Volunteers are always needed, particularly in science fields. There is also OLLI through Auburn University. (<http://olliatauburn.org/>)

Mr. Morgan is a native of Georgia, where he practiced community and hospital pharmacy after receiving his pharmacy B.S. from the University of Georgia. He retired from Eli Lilly and Company after working 29 years in a variety of sales and sales management roles before moving to Birmingham as Oncology District Sales Manager. He continues to work part-time as a pharmacist. His wife Amy is also a pharmacist, and they have one son, two daughters, and two grandchildren. They are members of Riverchase United Methodist

Executive Update: Leveraging Technology to Reduce Risk and Improve Reliability (Nuclear Industry Digitalization Initiatives):



Executive Update (Cont'd)

Our featured speaker is Brad Adams, Southern Nuclear Operating Company's Vice President of Engineering and recognized industry leader.

A review of technical news indicates that new tools and the "Industrial internet" enable the processing of large data streams-- including temperature and vibration indicators-- to produce real-time analyses, or "insights," that can be used to manage and potentially reduce costs of operations while adding value to services, for example, collecting real-time data, associated to how well a turbine is running, then running analytics on it so that to forecast in the future the high probability of when that turbine or equipment is going to fail. Operators are provided the analysis to make better decisions. Data analytics and predictive maintenance are key to reducing nuclear operating costs. Nuclear Energy Institute (NEI) launched the Delivering the Nuclear Promise (DNP) Strategic Plan, calling on operators to reduce generating costs by 30%.

As nuclear operators apply the latest digital technology to generation assets, they need to apply cost-effective cyber defense strategies. The United States Computer Emergency Readiness Team (US-CERT) has warned of an advanced persistent threat activity targeting energy sectors including nuclear power. The alert followed investigations by the Department of Homeland Security (DHS) and the Federal Bureau of Investigation (FBI).

EPRI notes that cyber security concerns can prevent operators introducing new technology such as sensors and Instrumentation and Control (I&C) systems, into their plants. EPRI has pilots for risk-informed process at Arizona's Palo Verde and Duke's Oconee nuclear station. The current regulatory assumptions create a significant barrier to implementing DI&C and are inconsistent with operators experience and independent research conducted by EPRI.

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Mr. Adams joined SNC in 2011 after twenty-eight years with Exelon Corp. in Illinois. He began his nuclear career as a design engineer for Commonwealth Edison's nuclear fuel services group and progressed to design group leader. Brad transferred to Byron Station and held managerial positions in regulatory assurance, system engineering and work management before being named Byron's site engineering director. Adams transferred to Quad Cities Nuclear Station as the site engineering director. He returned to Byron Station in 2008 as plant manager, a position he held until joining Southern Nuclear in 2011 as Fleet Operations Support Vice President. In December 2013 Adams assumed his current position as the SNC fleet Engineering Vice President.

Brad was co-chair of an industry working group comprised of nuclear experts who in April of 2016 submitted the report, Research Development and Demonstration (RD&D) Needs for Light Water Reactor (LWR) Technologies, to the Reactor Technology Subcommittee of the Nuclear Energy Advisory Committee, Office of Nuclear Energy, U.S. Department of Energy. He is the current chairman of the University of Tennessee Nuclear Engineering Board of Advisors; he is also executive sponsor of the EPRI Materials Reliability Program (MRP) and a member of their Pressurized Water Reactor Owner's Group.

Brad is a graduate of the University of Illinois where he earned Bachelors and Masters Degrees in Nuclear Engineering. He received his NRC Senior Reactor Operator (SRO) certification in 1999. He and his wife have two sons.



4th of July Fun Facts

As everyone knows, Independence Day marks the birthday of the United States of America. But here are some fun facts that you may not know about this patriotic day!

1. Contrary to popular belief, only two Founding Fathers signed the Declaration of Independence on July 4,

1776. The majority of signers penned their signatures on August 2, 1776.

2. President John Adams, Thomas Jefferson and James Monroe all died on the Fourth. Adams and Jefferson (both signed the Declaration) died on the same day within hours of each other in 1826
3. The holiday does not celebrate the signing of the Declaration; it celebrates the adoption of the Declaration of Independence by the Second Continental Congress.
4. In a now-famous letter to his wife, Abigail, dated July 3, 1776, John Adams made a prediction that the "Second Day of July" would be celebrated as American Independence Day, since the Congress had actually voted to sever ties with Great Britain the day before.
5. Independence Day became a federal holiday in 1870.
6. Other countries, including Denmark, England, Norway, Portugal and Sweden also celebrate the Fourth of July as a way to bring in American tourists.
7. Our country now boasts 318.9 million citizens, but on the first Fourth of July there were only 2.5 million.
8. The original draft of the Declaration of Independence was lost.
9. The back of the Declaration of Independence says, "Original Declaration of Independence dated 4th July 1776."
10. The Pennsylvania Evening Post was the first newspaper to print the Declaration on July 6, 1776.



Humor – The Best Medicine!

There was a little old lady who would come out every morning on the steps of her front porch, raise her arms to the sky and shout, "Praise the Lord!"

One day an atheist moved into the house next door. Over time, he became irritated at the little old lady. So, every morning he would step out onto his front porch and yell after her, "There is no God!"

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Time passed with the two of them carrying on this way every day. Then one morning in the middle of winter, the little old lady stepped onto her front porch and shouted, "Praise the Lord! Lord, I have no food and I am hungry. Please provide for me, oh Lord!"

The next morning, she stepped onto her porch and there were two huge bags of groceries sitting there. "Praise the Lord!" she cried out. "He has provided groceries for me!" The atheist jumped out of the hedges and shouted, "There is no Lord. I bought those groceries!" The little old lady threw her arms into the air and shouted, "Praise the Lord! He has provided me with groceries **AND** He made the devil pay for them!"



A woman walked into the kitchen to find her husband stalking around with a fly swatter. "What are you doing?", she asked. "Hunting flies," he responded. "Oh, killing any?", she asked. "Yep, three males, and two females," he replied. Intrigued, she asked, "How can you tell?" He responded, "Three were on a beer can and two were on the phone."



A teacher asked her Sunday School class to draw pictures of their favorite Bible stories. She was puzzled by a boy's picture which showed four people on an aircraft, so she asked him which story it was meant to represent. "The flight to Egypt," he replied. "I see. And that must be Mary, Joseph and Baby Jesus," she said. "But who's the fourth person?" Oh, that's Pontius – the Pilot"



Interesting But Little Known Facts

- In 2006 an Australian man tried to sell New Zealand on eBay. The price rose to \$3,000 before eBay shut it down.
- Reed Hastings was inspired to start Netflix after racking up a \$40 late fee on a VHS copy of *Apollo 13*.
- During WWI, German measles were called "liberty measles" and dachshunds became "liberty hounds."
- Toy companies failed to duplicate the success of Theodore Roosevelt's teddy bear with William Taft's "Billy Possum."
- Tsutomu Yamaguchi was in Hiroshima for work when the first A-bomb hit, made it home to Nagasaki for the second, and lived to be 93.
- Before settling on the Seven Dwarfs we know today, Disney considered Chesty, Tubby, Burpy, Deafy, Hickey, Wheezy, and Awful.
- Only one McDonald's in the world has turquoise arches. Sedona, AZ thought yellow clashed with the natural red rock.
- At the height of Rin Tin Tin's fame, a chef prepared him a daily steak lunch. Classical musicians played to aid his digestion.
- Barry Manilow did not write his hit "I Write the Songs." He did, however, write State Farm's "Like a Good Neighbor" jingle.
- If you start counting at one and spell out the numbers as you go, you won't use the letter "A" until you reach 1,000.
- Marie Curie's notebooks are still radioactive. Researchers hoping to view them must sign a disclaimer.
- In a 2008 survey, 58% of British teens thought Sherlock Holmes was a real guy, while 20% thought Winston Churchill was not.
- When asked if he knew the speed of sound, Einstein said he "didn't carry such information in my mind since it's readily available in books."
- Once Charlie Chaplin entered a contest for "Charlie Chaplin look-alikes" and he came in third.
- The population of Ireland is still 2 million less than it was before the potato famine, 160 years ago.
- Napoleon was not unusually short. The French inch was longer than the British inch, so while he was thought to be 5'2" by most of the world, in reality he was closer to 5'7", an average height for a Frenchman.
- There is a garbage swirl in the ocean the size of Texas.
- A Mosquito has 47 teeth.
- A banana is actually a berry. A strawberry isn't.

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BENEFITS REFERENCE LIST

Hewlett Service Center	1-888-435-7563
Blue Cross Blue Shield	1-800-232-3973
VIVA Health	1-877-320-7504
CVS /Caremark	1-800-843-5670
Delta Dental	1-866-823-4616
Expanded coverage for Preventative Vaccinations	1-800-843-5670
Merrill Lynch	1-800-369-9890
Computershare – Shareowner Services	1-800-554-7626
APCo Emp, Credit Union	1-800-249-2726 or 205-226-6800
VIVA Health	1-877-320-7504
CVS /Caremark	1-800-843-5670
Delta Dental	1-866-823-4616

2018 Leadership

Officers

President: Jim Blackmon - 205-980-9852 Vice
President: Teresa McCrillis- 912-293-4247
Treasurer: Fred Ehrensperger - 205-655-2725
Secretary: Peggy Burdeshaw - 205-608-9636

Directors

John Brandt - 205-956-0502
Walt Dean - 205-879-5775
Jack Goertz - 205-991-7766
Jim Gordy - 205-290-2186
Dennis Read - 205-879-6617
John McCoy (Ex-Officio) 205-285-4843

Committee Chairs

Arrangements: Doris Hardy - 205-426-2435
Audit: OPEN
Fellowship: Donna Johnson -205-979-1136
Jackie Imbusch - 05-991-8472
Member Care: Patsy Evans - 205-991-7900
Membership: Dora Brandt - 205-956-0502
Newsletter: Charlotte & Rick Graham –
205-440-7935
Nominating: Rick Graham - 205-807-1890
Programs: Amy Houston –
bchgrayton@aol.com
Website: Cary Campbell - 205-641-9137

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SCS/SNC RETIREES
P.O. BOX 2625
BIRMINGHAM, AL 35202

MEETING DETAILS:

When: July 9, 2018

Where: SCS/SNC Offices at the Colonnade
3535 Colonnade Parkway
Birmingham AL 35242

Time: 1:00 p.m.